

PROFESSIONAL DEMOLITION AMERICA

Your Gateway to North, Central and South America

News:

**CS Unitec Introduces
the Wolf Reciprocating Saw**

page: 14

News:

**The New Solo 880/811
Concrete Cut-Off Saws**

page: 17

News:

**Crusher Plant from
Rockster Recycler
Rocks the Market**

page: 22

Shows:

**Concrete Show
Enjoys Record
Attendance**

pages: 31-33

Site Report:

**Calculating for
Some Close Cutting**

pages: 34-35

Reports

**Global Concrete
Cutting Nutters
Form Association**

pages: 18-20

Report:

**Latin American
Concrete Cutting
& Demolition Forum
Well Supported
by Associations**

pages: 36-38

Site Report:

**Wire Sawing
Makes Way in
Tragic Brazilian
Viaduct Collapse**

pages: 40-42

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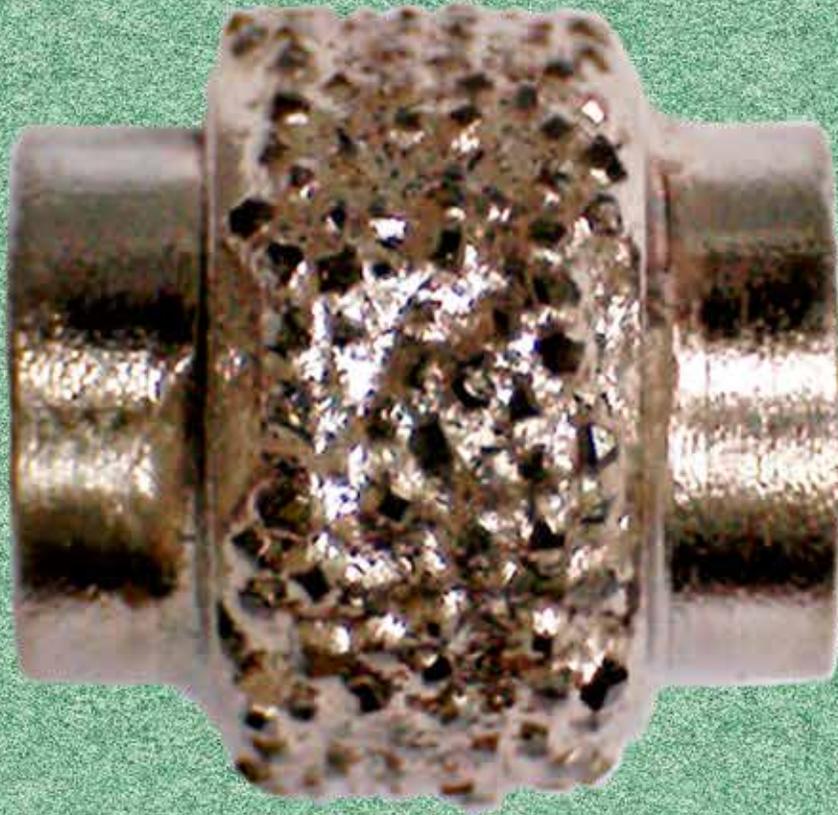


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pg. 18-19 for more info.

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Professional Demolition Americas Magazine

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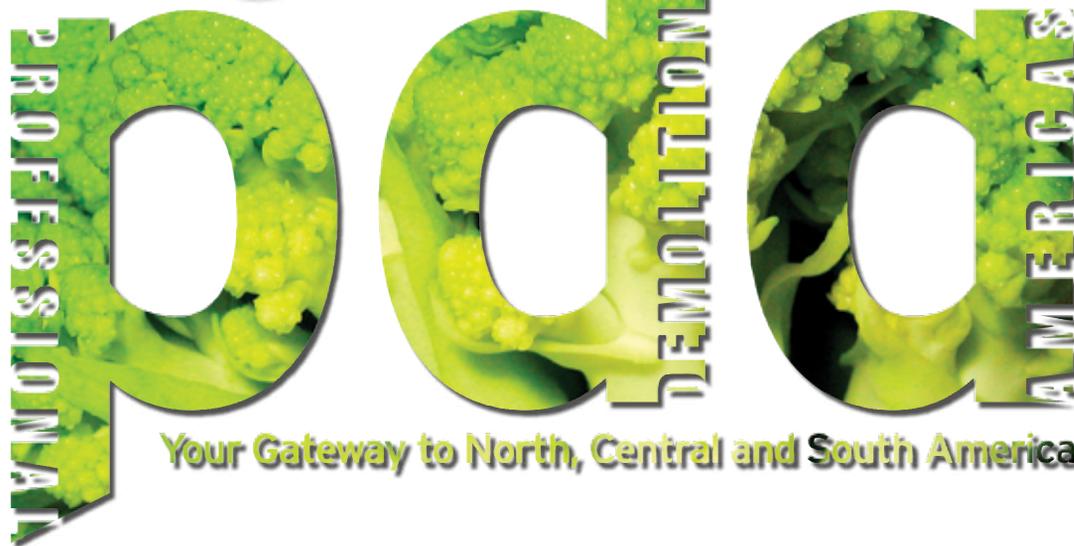
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Contents



Your Gateway to North, Central and South America

- | | | | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 | <i>Editorial</i>
Renewal or Regression? | 14 | <i>News</i>
Case Upgrades its Skid Steer and Compact Tracked Loader Lineup
CDE Global Expands Its Range With the R2500
Chicago Pneumatic Introduces New CP5G Stationary Generator Range
CS Unitec Introduces the Wolf Reciprocating Saw | 49 | Terex 1,320-Ton Class All-Terrain Crane Makes U.S. Debut in Louisiana
Texas A&M Students Get Insider's View of Major Demolition/Recycling Operation |
| 8 | <i>Business</i>
South American Concrete Producer to Maximize Efficiencies With Preventative Maintenance from CDE
Atlas Copco Celebrates 30th Anniversary of Atlascopcosaurus GovPlanet, A New Online Marketplace for Buying/Selling U.S. Government Surplus | 15 | General Equipment's CS8 Random Crack Saw Ideal for Both Asphalt and Concrete Surface Repair
Size does Matters
Genesis Attachments GSG Scrap Grapple Now Available in 10 Sizes | 18-20 | <i>Reports</i>
Global Concrete Cutting Nutters Form Association |
| 10 | Atlas Copco's Water for All Initiative Celebrates 30 Years
Strong Mexican Economy Bodes Well for Demolition Work
Donaldson Opens New Distribution Center in Lima, Peru
IROCK Crushers Expands NE U.S. Dealer Network
KPI-JCI and Astec Mobile Screens Hires Don Mueller as Regional Sales Manager
Demand for CONEXPO Latin America 2015 Exhibit Space Exceed Expectations | 16 | JRB Grapple Bucket/Rake Traps and Transports Debris
Advanced Rubber Track Technology Applied on Mini Excavator Tracks for the First Time
Subaru to Feature Big Block Engine at WOC 2015 | 36-38 | Latin American Concrete Cutting & Demolition Forum in Rio, October 2015 Well Supported by Branch Associations |
| 11 | HTC Names Brad Burns Technical Director for U.S. Arty Cutting | 17 | The New Solo 880/811 Concrete Cut-Off Saws
New GDR 400 From Genesis
Attachment Fits 40- to 55-Ton Excavators | 31 | <i>Shows</i>
Concrete Show 2014 Enjoys Record Attendance |
| 12 | Rockster Recycler Announces New North American Sales
Indústria se reúne para o Construction Climate Change | 19 | New Solo 880/811 Concrete Cut-Off Saws
Attachment Fits 40- to 55-Ton Excavators | 33 | Portuguese: Brazil Concrete Show 2014: recorde de público |
| 46 | Trans-Plus Argentina Provides Best-Quality Grain with Rockster's Advanced Technology
Un martillo hidráulico modificado de CP fue elegido para aplicaciones de altas temperaturas en una mina de cobre chilena | 22 | Rockster Recycler Rocks the Market With Interchangeable Duplex Impact/Jaw Crusher Plant
KPI-JCI and Astec Mobile Screens Honors Dealers for Outstanding Performance
Atlas Copco SC 270 Hydraulic Scrap Cutter | 34 | <i>Site Report</i>
A Revolutionary Grinding System
Calculating for Some Close Cutting |
| 47 | Mid-Year 2014 U.S. Construction Machinery Exports Decline 17.3% | 44 | High Productivity and Perfect Corners in Two New Products From LVS120+ | 39 | Atlas Copco Equipment Assist in US Bridge Demolition |
| | | 48 | DCT Dust Suppression Units Earn U.S., Canada Certifications | 40 | Wire Sawing Technique Makes Way in Tragic Brazilian Viaduct Collapse |
| | | 49 | Centura Oil Introduces Downhole Casing and Pipe Cutting System | 50 | <i>Associations</i>
California Earthquakes a Reminder to Strengthen Disaster Response Efforts
NDA Launches New, More User-Friendly Website
NDA Recognizes Dust Control Technology for Environmental Excellence
Demolition Contractors Add New Voice to Global Disaster Response Conference
CSDA 2014-2015 Training Schedule Continues to Grow |

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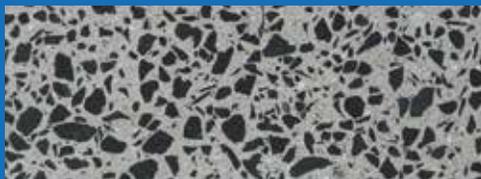
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Renewal or Regression?

As this issue of PDA goes to press, the U.S. is about to hold mid-term elections that could well realign the balance of power in Congress. Whether the outcome produces more than some new faces in key leadership positions remains to be seen. Hopes for an end to the longstanding legislative gridlock have been raised and dashed before, and few expect a broad new spirit of collegiality and compromise to emerge once all the ballots are sorted.

That's a pity, really, because by most indicators, the U.S. economy seems to be shaking off the last of its Great Recession millstones, with experts predicting the current 3-percent annual growth rate to continue. Consumers feel the same way, with the Conference Board's monthly Consumer Confidence Index rising to 95 in October, thanks to "a more favorable assessment of the current job market and business conditions" according to Lynn Franco, the Board's Director of Economic Indicators.

True, there are sectors and regions where recovery has been sluggish, and many construction professionals still long for the go-go days of the 90s and mid-00s. But then, the "easy money" of those periods proved to be a bit too easy to come by, contributing to the subsequent economic upheaval.

Some comity on Capitol Hill would add a welcome, long-absent measure of certainty to the U.S. economy, especially if it resulted in the passage of a long-term funding bill for roads and bridges, a market that many in the concrete sawing and cutting industry rely on for steady work. Many other building and infrastructure construction programs that benefit directly or indirectly from U.S. government investment could also move forward with a measure of confidence, providing contractors with more opportunities to bid on, and perhaps enough demand for their services to finally boost their profit

margins above subsistence levels.

The benefits wouldn't stop at the U.S. border either. FocusEconomics' latest consensus forecast for Latin America reports agreement among analysts that "the recovery in the global economy is highly reliant on the performance of the U.S. economy," though there are always risks ranging from unrest in the Middle East and Ukraine to a slowing of China's economy.

The forecast presents a rather gloomy picture for Latin America, with projected regional GDP growth for 2015 having been revised downward by nearly a full percentage point over the past year to the latest prediction of 2.4 percent. Declining growth in Brazil, Chile, Paraguay, Peru, and Venezuela contributed to the more pessimistic outlook. Only Ecuador and Uruguay show the potential for better-than-expected results in 2015, according to the analysts.

So can a new U.S. Congress finally come together and tackle some long-idling legislative issues? Of course. Will it? That's less certain. Even a reshuffling of players in the Congressional scorecard won't resolve what have become bitter divisions over spending priorities and taxes, nor will they ensure that innovative ideas and alternative viewpoints will be allowed to rise above the rhetoric and receive the consideration they deserve.

We'll find out what's new and what's not when the new Congress takes office in January. The whole world will be watching...and hoping.

Jim Parsons, Senior Editor
jim.parsons@pdamericas.com

Event Calendar

World of Concrete 2015
February, 3-6, 2015
Las Vegas Convention Center,
Las Vegas, Nevada, USA
www.worldofconcrete.com

SAIE Mexico 2015
February, 2015
Mexico City, Mexico
www.saiemexico.com.mx

Intermat 2015
World of Concrete Europe
April, 20-25, 2015
Paris - Nord Villepinte,
France
www.intermat.fr

Construexpo 2015
April, 24-27, 2015
Poliedro de Caracas, Caracas,
Venezuela
www.confex-us.com

M&T Expo 2015
June, 9-13, 2015
Imigrantes Exhibition Center
São Paulo, Brazil
www.intermat.fr

FELOC Expo Rental 2015
Dates to be decided
Sede Alec, São Paulo, Brazil
www.alec.org.br

Concrete Show 2015
August, 26-28, 2015
Imigrantes Exhibition Center
São Paulo, Brazil
www.intermat.fr

Latin American
Concrete Cutting &
Demolition Forum 2015
October, 1-2, 2015
Rio de Janeiro, Brazil
www.latindemoforum.org

Conexpo Latin America
21-24 October, 2015
Centro de Eventos y
Convenciones Espacio Riesco,
Santiago, Chile
www.conexpolatinamerica.com

Edifica 2015
October, 21-24, 2015
Esáacio Riesco, Santiago, Chile
www.feriadelaconstruccion.cl

Bauma 2016
October, 11-17, 2016
Munich Exhibition Center,
Munich, Germany
www.bauma.de

South American Concrete Producer to Maximize Efficiencies with Preventative Maintenance from CDE

ATCO Concrete Products recently assumed ownership of a turnkey construction and demolition (C&D) waste recycling plant on the island of Aruba from CDE Global to process construction and demolition waste for use in concrete production. This facility has quickly grown into Aruba's largest ready-mix facility, supplying a large proportion of the growing construction market.

The investment in the CDE plant enables the company to recycle C&D waste such as stone, asphalt, concrete, and bricks into high-quality, commercially viable washed sand and aggregates, eliminating the need for on-site excavation or importing of aggregates. That allows ATCO to pass cost savings on to the end-user. Given the remote location of the ATCO site, on-going support was a key issue at the outset of the project. The CDE ProMan Project Management process allowed ATCO to be closely involved from initial design stage through manufacturing, logistics, installation, commissioning, and beyond.

Following installation of the plant, ATCO invested in a Preventative Maintenance Program in order to maintain plant performance at optimum levels. This service program includes recalibration of plant equipment as needed, a written report detailing the condition of the plant, and recommendations for any work that may be required to ensure the plant is operating at the optimum level. ATCO has also taken delivery of a CDE Workspace in conjunction with their tailored Preventative Maintenance agreement. The CDE Workspace is a secure site storage cabin which contains a workbench, racking for common repairs, shelving space, and hooks for parts and tools.

www.cdeglobal.com



Atlas Copco Celebrates 30th Anniversary of Atlatosuchosaurus

It's not clear how the unnamed dinosaur died 100-120 million years ago, but it's been only 30 since he finally encountered a predator he couldn't outrun: Atlas Copco equipment.

"Not every company has a dinosaur species named after it," said Sofie Gielen, Atlas Copco's marketing communications director, in commemorating the 30th anniversary of the discovery of Atlatosuchosaurus. "Three decades later, we're still extremely proud of the fact that our equipment helped unearth the fossilized skeleton of Atlatosuchosaurus so it could be shared with the entire world."

Atlatosuchosaurus was an estimated 6.5-ft to 13-ft (2m to 4m) long and weighed 276 lbs (125kg). The dinosaur belonged to the Hypsilophodontidae family and lived during the early Cretaceous Period. Scientists infer that it was a small, bipedal herbivore that would have foraged for its food and stayed out of the way of larger, carnivorous predators. Thomas H. Rich, PhD, a paleontologist from the Museum of Victoria, Australia, and Patricia Vickers-Rich from Monash University, Melbourne, discovered Atlatosuchosaurus at Dinosaur Cove, a fossil-rich area on the southeast coast of Australia, close to Victoria. During Rich's first visit to the area in 1980, he and two colleagues revealed fragments of rock-embedded bone. Four years later, a group of hundreds of student

volunteers, paleontology scientists and miners began excavations.

The research group's equipment included Atlas Copco rock drills, pneumatic tools, and compressors. The digging teams often worked in dark, narrow tunnels, which at times were muddy and slippery. The excavation site was located next to a steep cliff overlooking the sea, which complicated work even further. The fossils they were after were embedded in layers of sand, mud and clay that had been pressed together into hard rock for millions of years. It was slow going, with the teams removing approximately 66 lb (30kg) of hard rock for every 2 lb (0.9kg) of dinosaur bone. Ultimately, the excavation revealed Atlatosuchosaurus loads. The specific name loads refers to Bill Loads, Atlas Copco's manager in Victoria who made the decision to support the project.

When Rich and Vickers-Rich named the fossil in 1989, they looked to the company whose equipment and expert assistance was so instrumental in the success of the dig. Rich said he was grateful for the support Atlas Copco provided and impressed with the reliability of the equipment.

"It was because of that record of reliability that, in 2007, I insisted on using Atlas Copco equipment during a dinosaur excavation from permafrost in a tunnel on the North Slope of Alaska," Rich says.

GovPlanet, A New Online Marketplace for Buying/Selling U.S. Government Surplus

IronPlanet®, the leading online marketplace for buying and selling used heavy equipment and trucks, has launched GovPlanetSM, an online marketplace dedicated to buying and selling used U.S. government assets. GovPlanet will be the primary marketplace for the sale of U.S. Department of Defense (DoD) rolling stock surplus assets.

GovPlanet.com follows IronPlanet's TruckPlanet.com, which went live in May 2013, and allEquip.com, IronPlanet's buy-it-now marketplace, introduced in June 2014.

"GovPlanet is a compelling new platform for fast and efficient disposal of government surplus equipment that we believe will transform the way assets have

traditionally been sold in this market," says Gregory J. Owens, IronPlanet Chairman and CEO.

GovPlanet's first online auction on Wednesday, November 19, 2014, will feature rolling stock surplus assets such as trucks, trailers, generators, wheel loaders, cranes, crawler tractors, and other equipment. Prospective buyers can go to GovPlanet.com at any time to sign up for inventory updates.

Every item on GovPlanet will include a detailed inspection report backed by the IronClad Assurance® buyer protection program, which guarantees the report is an accurate description of the item's condition.

www.govplanet.com



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Atlas Copco's Water for All Initiative Celebrates 30 Years

Atlas Copco's employee-run Water for All organization is celebrating 30 years of providing people in need with long-term access to safe, clean water and sanitation. Since the founding of Water for All in 1984, Atlas Copco and its employees have helped more than 1.5 million people gain access to clean drinking water. Water for All is Atlas Copco's main community engagement project, initiated and driven on a local level by Atlas Copco employees. In just the past four years, the Atlas Copco USA Water for All initiative has helped more than 10,000 people gain access to clean water and sanitation and has donated more than \$500,000 to 15 projects around the world.

"What started as a one-time project to raise money to combat drought-stricken communities in Peru has grown into a worldwide initiative that allows our employees to act on their commitment to global sustainability," said Jim Levitt, president of Atlas Copco North America. "We are proud to support organizations that raise awareness and take action around the issues of unsafe drinking water and global water scarcity."

In honor of the anniversary, Atlas Copco USA held a membership drive that resulted in a 10-percent increase in employee participation. Participants also voted for the next project the Water for All program will fund; a \$50,000 project in the Tigray region of Ethiopia that will bring clean water to 2,500 people through the building of five community-drilled wells. Atlas Copco's Water for All program is supported by nearly 5,000 participating employees in 35 countries around the world. One hundred percent of employee donations go directly to water projects; employee donations are double-matched by Atlas Copco.

www.water4all.org

Strong Mexican Economy Bodes Well for Demolition Work

Mexico is the 13th largest economy in the world, worth about US\$ 1,200 trillion thanks to an average growth of 3.9 percent GDP during the last four years. In addition Mexico is the world's largest country in terms of free trade agreements, having entered into agreements with 44 countries. Mexico is also one of the 15 largest producers of cement in the world and its construction industry generate more than 5.6 Million jobs. The 2014-2018 National Infrastructure Program presented by President Enrique Peña Nieto anticipates an investment of 7.7 trillion Mexican Pesos divided across housing/urban development, transport and communications, energy, hydraulics, health, and tourism. These facts guarantee that demand for demolition work, concrete sawing and drilling, grinding, and polishing of concrete floors and related services will be needed in Mexico for at least the rest of the decade. That's why PDa Magazine will put a special focus on the developments in Mexico during the coming years.

Another player trying to catch the movements in Mexico is trade show organizer UBM, which has presented the well-known Concrete World exhibition in several different countries. (Highlights of this year's show in Sao Paulo, Brazil, can be found elsewhere in this issue.) In 2015, Concrete Show Mexico will be held May 20-22 at the Centro Banamex in Mexico City. Concrete Show Mexico will include three networking days, technological innovations, and a series of lectures by industry specialists on topics such as sustainability, new technologies, and new applications for cement and concrete.

www.concreteshowmexico.com

Donaldson Opens New Distribution Center in Lima, Peru

Donaldson Company, Inc., a leading, worldwide manufacturer of filtration systems and parts, is pleased to announce the opening of its fourth distribution center in Latin America. Located in Lima, Peru, the new distribution center will support growing customer segments within the mining, transportation, and construction industries.

"Peru has an expanding mining industry including large reserves of gold, silver, copper, and zinc, which offers Donaldson expanded opportunities to sell and distribute our filtration technologies," says Guillermo Briseño, Vice President, Latin America at Donaldson Company. "The addition of this new distribution center will allow us to meet our Customers' demands for industrial and engine filtration solutions faster and with greater personal service as we employ personnel on-site."

Located in Lima's Miraflores District, the new distribution center offers both warehouse space and office space to help Donaldson more efficiently supply and distribute Blue™ air intake, lube, coolant, and on-board fuel filters; Duramax® hydraulic filters; and Donaldson Torit® dust collection products.

Donaldson also operates Latin American distribution centers in Sao Paulo, Brazil; Santiago, Chile; and Aguascalientes, Mexico.

IROCK Crushers Expands NE U.S. Dealer Network

IROCK Crushers has added Construction & Industrial Equipment Corp., of Lodi, N.J., to its dealer network in the Northeast region. Construction & Industrial Equipment been in business for 38 years and specializes in recycling equipment, wood grinders, screeners and crushers. In addition to its Lodi headquarters, the company has operations in two other New Jersey cities, Ramsey and Ringwood. With the new partnership, Construction & Industrial Equipment will sell IROCK's full line of screeners.

"The Northeast region is a very active marketplace for us, with a wide spread of quarries and landscape suppliers," says Sean Donaghy, IROCK's national sales manager. "We're excited to have Construction & Industrial Equipment come on and serve a territory

with such enormous growth potential."

Construction & Industrial Equipment President Jack Moninger says the decision to sell IROCK products was based on his company's focus on grinding and screening.

"We appreciate IROCK's rugged, simple designs and competitive prices," he said. "These qualities suit our customer base well, and IROCK offers them a solid, reliable option for their screening operations. In addition, IROCK is providing the technology, support, and knowledge to help us grow and be even more successful."

KPI-JCI and Astec Mobile Screens Hires Don Mueller as Regional Sales Manager

KPI-JCI and Astec Mobile Screens has hired Don Mueller as a regional sales manager for the northwest territory for its track-mounted products. In his new position, Mueller will cover Washington, Oregon, northern California, Hawaii, Alaska, British Columbia, Alberta, Montana, and Wyoming. Most recently, Mueller served as a territory manager for Astec AggreCon West, a KPI-JCI and Astec Mobile Screens authorized dealer based in Eugene, Ore.

Mueller has worked in the aggregate industry for nearly 40 years, starting at Telsmith's manufacturing facility, and later switching to the service department. He has also worked for Cedarapids and then Balzer Pacific, a former KPI-JCI and Astec Mobile Screens authorized dealer.

Steve Schetky, director of sales for the western United States, says Mueller's vast and varied experience made him the prime candidate for the position.

"Don has a unique combination of understanding how manufacturers operate, how dealerships function, and how to call on the end users," Schetky says. "From his experience as a field mechanic, he understands the workings of track machines, yet also knows what it takes to gain the customer's confidence and trust. I am confident we will continue to increase our presence in the track market, and Don has all the tools to help make that happen."

www.kpijci.com



Demand for CONEXPO Latin America 2015 Exhibit Space Exceed Expectations

All signs are positive for the upcoming CONEXPO Latin America 2015 exhibition, set for October 21-24, 2015, in Santiago, Chile. Show owner and organizer, the Association of Equipment Manufacturers (AEM), announced that exhibit space sales have already surpassed show initial and expanded target goals, with nearly 183,000 ft² (17,000m²) of indoor and outdoor booth space reserved so far. Leading companies already set to participate include Atlas Copco, Caterpillar, Doosan Bobcat, JCB, Link-Belt, Manitou, Manitowoc, Sany, Terex, and Volvo.

Both indoor and outdoor exhibit space is still available for CONEXPO Latin America, with several booth options to best meet each exhibitor's business needs. AEM members receive a space discount, and offers all exhibitors complimentary marketing materials to help them promote their show presence to customers and prospects.

Construction chambers and allied construction-related organizations are lending critical support as well, including CAPECO (Peru), Sobratema (Brazil), CAVEDREPA (Venezuela), CMIC (Mexico), MAAC (Mexico), and Messe München International (Germany), among others.

AEM particularly notes the strong and longtime support of the Chilean Chamber of Construction, a key show partner. The national construction industry chamber "umbrella" group, the Inter-American Federation of the Construction Industry (FIIC), has also shown its support for CONEXPO Latin America 2015, collocating its Board of Directors meeting during the exposition.

AEM continues to work with leading industry associations and organizations to present a well-rounded slate of industry-focused education for attendees, including programs on industry economic trends, telematics, dealer/distributor issues, crane safety, and mobile elevating work platform, concrete and aggregates-related topics.

www.conexpolatinamerica.com



HTC Names Brad Burns Technical Director for U.S.

HTC America welcomes Brad Burns as Technical Director. Burns will support customers with grinding applications, and be responsible for HTC University, the leading training program for concrete grinding professionals. He will also drive product development and improvement, and interact with the industry's leading trade organizations.

Burns has extensive knowledge of the flooring industry, gleaned from 30 years of experience. As a previous polishing contractor and trade association leader, he is well placed to offer HTC customers support for equipment, diamond tooling, project management, and in-depth polishing processes.

"I am very happy Brad is joining our team," says Per Ohstrom, President for HTC America. "A concrete grinding veteran and industry expert, he will add value to our customers, and help develop future generations of products."

www.htc-floorsystems.com

Arty cutting

Construction venues aren't the only venues where Husqvarna machines are considered valuable. The French sculptor Harut Yekmalyan, advised by Husqvarna's French Sales Manager Jean-Marc Pouillon, uses a Husqvarna K 3000 Cut-n-break for angle and straight cuts in a granite block, aimed to be a sculpture in the end. According to the artist, K 3000 Cut-n-break is very powerful and provides him with straight cuts up to 400 mm deep.

www.husqvarnacp.com



Demolition dust problems? Ask the Boss.



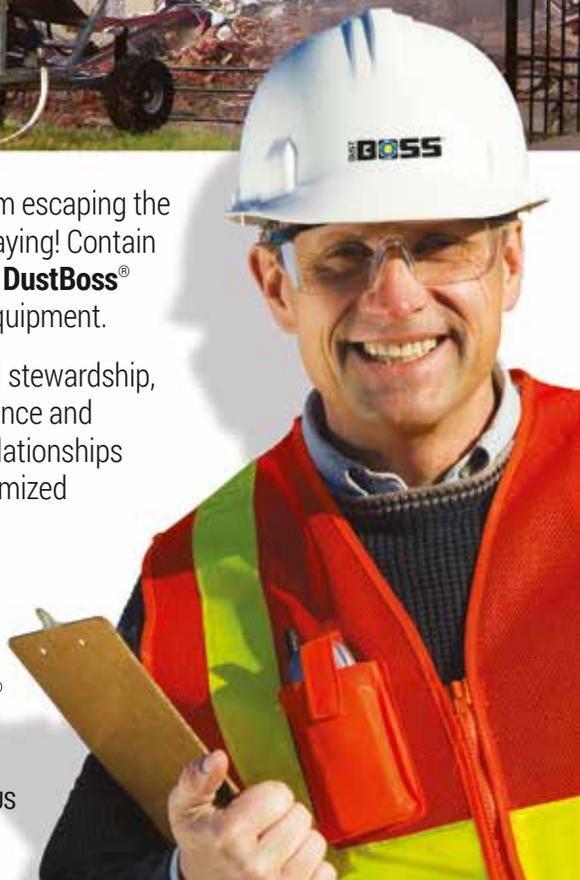
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www.dustboss.com/demolition



Rockster Recycler Announces New North American Sales and Service Relationship

The Austrian manufacturer of Kormann Rockster Recycler track-mounted crushers and screens, has joined with industry recycling veterans Stu Gamble and Brian Barlow to form Rockster Recycler North America.

Gamble and Barlow and their team are currently selling Rockster Recycler products direct as they develop and support an independent dealer network throughout the U.S. and Canada. The new venture is headquartered in Fort Wayne, Ind., with the Parts & Service Center located in Webster, Mass. A new North American website, www.rockster.us.com, is also available.

Gamble has developed and managed North American sales for various market-related mobile and track-mounted equipment manufacturers, while Barlow and his company Barlow Strategic Sales & Marketing, have provided sales development and marketing services to several recycling and aggregate equipment manufacturers since 1991.

"Rockster Recycler has a strong brand recognition and reputation throughout Europe, as well as two very unique crushers in the patented, interchangeable jaw/impactor Duplex System, and the hybrid electric and diesel crushing and screening plant," Gamble says. "We're looking forward to growing the North American market, and working one-on-one with dealers and contractors."

Rockster Recycler track-mounted crushers and screens are recognized for their compactness, ease of maintenance, quality and versatility. The crusher line includes track-mounted impact crushers, available in R700S, R900, and R1100 models; and track-mounted jaw crushers available in R800 and R1200 models. A patented, double-functional return-belt system, available on the R1100DS and R700S, allows the contractor to use the



Stu Gamble.



Brian Barlow.

return belt as a stockpile conveyor. The screening line includes mobile 2- and 3-deck screening plants, and a mini-screen designed to separate materials in small spaces.

www.rockster.at

Change in the Hilti Board

At the end of the year, U.S. citizen Barbara Milián Thoralfsson will join the Board of Directors of Hilti Corporation. Thoralfsson, who lives in Norway, has many years' experience of industry and already serves on the boards of Svenska Cellulosa Aktiebolaget, a leading global hygiene and forest products company, and Telenor, a leading international mobile operator with operations in Scandinavia, Eastern Europe and Asia. Over her professional career, Thoralfsson has held key positions for a number of US as well as European companies. She has chief executive officer and senior level management experience in the telecom, etc.

www.hilti.com



Indústria se reúne para o Construction Climate Change

A Volvo Construction Equipment está lançando uma nova iniciativa promovendo a sustentabilidade em toda a indústria da construção civil e prover o tão necessitado financiamento para pesquisa ambiental. A iniciativa não se limita à fabricação e operação de equipamentos de construção, mas abrange toda a cadeia de valor do setor, da extração à produção de materiais de construção, à construção de estradas e construção civil em geral, incluindo a demolição e reciclagem.

O Desafio Climático da Construção (CCC – Construction Climate Change, em inglês) visa estabelecer um diálogo com representantes da indústria, universidades e políticos, além de fornecer financiamento para novas pesquisas e compartilhar recursos e conhecimento existentes para ajudar a indústria a fazer a diferença para futuras gerações.

Obrigação mútua

As mudanças climáticas não vão desaparecer – e toda a indústria da construção civil tem a obrigação de fazer algo a respeito. Como o ex-presidente e CEO do Grupo Volvo, Per Gyllenhammar disse já em 1972, "Somos parte do problema – mas somos também parte da solução". Há muito tempo, a Volvo CE está comprometida com a redução de emissões nocivas de seus produtos e instalações – o respeito pelo meio ambiente é um dos valores fundamentais da empresa – porém a redução de emissões de CO2 necessita de uma ação coordenada entre as empresas de toda a cadeia de abastecimento da indústria da construção civil.

"Há muitos anos temos trabalhado na redução de emissões através de iniciativas internas – e com um nível considerável de sucesso. Em dezembro de 2013, por exemplo, alcançamos a neutralidade em carbono em nossa instalação de produção de caminhões articulados em Braas, na Suécia. Porém, não podemos atacar os problemas climáticos sozinhos", disse o presidente da Volvo CE, Martin Weissburg.

"Nós aderimos ao compromisso do Grupo Volvo com o programa Climate Savers da WWF em 2012, sendo o primeiro fabricante de equipamentos de construção a fazê-lo, mas isso ainda não basta", ele acrescenta.

Preenchendo as lacunas

O primeiro passo no CCC envolve uma avaliação da pesquisa atual em gestão ambiental, identificando as áreas de pesquisa que ainda precisam ser abordadas e depois disponibilizar, com fácil acesso, às partes interessadas na indústria. Em

setembro de 2013, a Volvo CE convidou pesquisadores, professores universitários e alunos de PhD de todo o mundo, bem como funcionários das áreas de P&D da própria empresa, para um workshop sobre mudanças climáticas com dois dias de duração. Os participantes definirão um total de 112 atividades dentro de quatro áreas de pesquisa, como modelos de negócios sustentáveis, que agora serão refinadas por uma equipe de trabalho interna da Volvo CE e, posteriormente, discutida com outros participantes do CCC.

No futuro, pesquisadores poderão se candidatar para financiamento de projetos encaixados dentro destas quatro áreas de pesquisa, com os participantes sendo mantidos a par das mais recentes descobertas.

"O CCC é um complemento perfeito para nosso trabalho junto ao programa WWF Climate Savers e nosso compromisso de sermos um líder climático na indústria da construção civil", diz Weissburg. "Enquanto que este segundo foca na redução dramática nos níveis de CO2 no curto prazo, o CCC foi projetado para promover uma cultura de sustentabilidade no longo prazo".

O comissionamento e implantação de pesquisa ambiental não é apenas um sonho para o futuro. A Volvo CE já está financiando estudos em seu próprio departamento de Pesquisa de Manufatura (parte de Operations Europe). Anna Sannö, colaboradora da Volvo e aluna de PhD industrial na Universidade de Mälardalen, por exemplo, iniciou o trabalho em um projeto de gestão ambiental dentro do ambiente do CCC em 2012.

Evolução

"As pessoas estão cientes da evolução do conceito de sustentabilidade nos produtos da Volvo CE com o passar dos anos – porém as melhorias nos processos de manufatura geralmente atraem muito menos atenção", diz Sannö. "Meu projeto de PhD contempla uma revisão da forma em que essas melhorias foram implantadas nas unidades fabris da Volvo CE desde os anos 70 – e a identificação dos fatores que fizeram delas um sucesso, para poder replicá-los no futuro. O projeto trata de aprender com o passado para o benefício do futuro – o que também é a base para o CCC".

"O departamento de pesquisa já fez um bom começo mas ainda temos muito a fazer pela frente e percebemos que podemos ter um impacto maior se trabalharmos juntos – com os acadêmicos, políticos e nossos pares na indústria", conclui Weissburg. "Nossa meta é para o CCC se tornar o fórum de opção para discussões sobre a pesquisa climática, financiamento de projetos e implementação de estratégias para a indústria da construção civil nos próximos 10 anos. Se conseguirmos isso, poderemos fazer uma contribuição importante para a redução do impacto da indústria nas mudanças climáticas".

www.volvoce.com

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Case Upgrades its Skid Steer and Compact Tracked Loader Lineup

Case Construction Equipment has updated its skid steer loader and compact tracked loader ranges with ten compact models that deliver improved efficiency through the use of environmentally-friendly Tier 4 engine solutions, providing customers with increased power and torque and reduced operating costs. The extended Case line-up now includes five radial lift skid steers, two radial lift tracked loaders, two vertical lift skid steers, and one vertical lift path tracked machine. With operating weights of 5,070-8,300 lb (2,300-3,765kg) for the skid steers and 8,201-10,196 lb (3,720-4,625kg) for the tracked loaders, there is a machine to suit every application.

The compact machines deliver rated operating capacities (50 percent) of 1,300-3,800 lb (590-1,723kg), and tipping loads of 2,600-7,600 lb (1,179-3,447kg). Operating capacities on every model can be further increased by mounting additional counterweights on the rear part of the machine. A 21-percent longer wheelbase delivers improved stability and comfort for the operator, and permits higher lift capacities and breakout forces. The lift arm cylinder geometry, pushing directly onto the chassis, adds to the pushing capabilities of the machines, delivering best-in-class bucket and lift arm breakout forces.

All models benefit from a 35-in (890mm) wide operator's cab—a 25-percent improvement from previous generation machines, while larger side windows, ultra-thin wire side-screens, and a low cab



threshold ensure a clear line of sight to the wheels or tracks, the attachment, and the working area. Innovative side lights on the cab A-pillar provide an improved view of the work area in winter months and in low light conditions. Customers can choose between standard mechanical controls or electro-hydraulic servo levers. These controls feature multiple speed and sensitivity settings that allow the operator to set the machine to work according to his/her preferences, and to the task at hand. Ride Control and Self-Leveling are available as options, boosting productivity and operator comfort levels.

Case skid steer loader and compact tracked loader ranges can be ordered with

a huge range of attachments, from wheeled excavators and compactors, to planers, broom buckets, and even cement mixers. Standard hydraulic couplers and Connect Under Pressure (CUP) fittings allow rapid changes between attachments without additional tools. All Case skid steers and tracked loaders are prepared for Case SiteWatch, a telematic system that automatically sends machine data to the Case Telematics Web Portal. SiteWatch allows the customer to see machines at work on site, monitoring performance, fuel consumption and hours worked, to provide planned preventative maintenance.

www.casecetools.com

Chicago Pneumatic Introduces New CP5G Stationary Generator Range

International construction equipment manufacturer Chicago Pneumatic has expanded its portfolio of generator products with the launch of a new 50Hz and 60Hz stationary generator range. The robust and reliable CP5G stationary generators are designed for excellent durability, and incorporate user-friendly features that make them easy for contractors to position, operate and maintain on work sites throughout the world.

The CP5G stationary generators are based on a frame-and-canopy design, making them ideal for a wide variety of stationary applications within the worldwide construction industry. The units are designed for fast, easy and safe on-site and off-site positioning, with a corrosion-resistant canopy providing for long-lasting durability, and a rugged base adding impact resistance and extra protection for sensitive areas of the unit.

CP5G stationary generators are capable of operating at high working temperatures. In addition, they provide excellent accessibility and serviceability via large removable 45° doors. They are also installation-friendly, thanks to its dual-position (top and front) air outlets. A spillage-free frame design provides for easy, clean drainage of all liquids.

Additional features include an advanced control panel for remote operation, different levels of noise isolation, a lockable fuel filling cap, a robust terminal board that is suitable for connection with or without clamps, and easy fuel tank cleaning access to prevent damage from contaminants.

Options include a high-capacity fuel tank, offering easy and fast connections for external filling, additional fuel filter with water separator, battery isolation switch, battery charger, engine coolant heater, open frame, and lifting beam.

www.cp.com



CDE Global Expands Its Range With the R2500

CDE Global has embarked on a new phase of development with the introduction of a new R2500 dry screening plant, a static primary screening unit capable of processing over 500tph in quarrying, recycling and mining operations. The R2500 is electric resulting in a substantial saving in fuel costs and a quieter, more environmentally-friendly operation in applications where a range of difficult materials are being processed, in-

cluding crushed rock, topsoil, scalplings, iron ore, and construction and demolition waste.

Features of the R2500 include a patent-pending laminate side-wall design on the ProGrade P2-75/R screen with zero welds, resulting in a stronger, lighter screen that requires less power and is galvanised as standard. The lattice design screen has a reduced mass, and ensures more energy is transferred to the material, guaranteeing superior screening performance.

www.cdeglobal.com



CS Unitec Introduces The Wolf Reciprocating Saw

CS Unitec's versatile reciprocating saw, The Wolf, makes straight cuts in steel and has a long orbital stroke for cutting softer materials including wood, plastic, and aluminum. A selector switch easily changes the stroke setting to either straight or orbital. The Wolf is designed with a powerful 1.6 hp (1.2kW) pneumatic motor for cutting steel pipe and channel from 0.5 to 6 inches (12.7 to 152.4 mm) in diameter, and plastic pipe up to 8 inches (203mm) in diameter. It has a 1.125 in (28.6mm) blade stroke for fast, efficient cutting and variable speed from 0 to 2,200 strokes per minute.

The Wolf has the capability to mount

on an optional Pipe Clamp to make 90° cuts. Use of a clamp with the saw increases leverage five times over hand cutting, and is also safer for the operator. The saw uses universal 0.5-in (12.7mm) shank, single-tang reciprocating saw blades, as well as thicker, heavy-duty, double-tang blades for 90° cuts. Saw blades are available with a variety of TPI and lengths from 6 in to 12 in (152 mm to 305mm).

The Wolf uses 51 CFM air volume at 90 PSI air pressure and weighs 10.75 lbs (4.9kg). The saw has a molded rubber boot for an ergonomic grip and is supplied with a side handle.



General Equipment's CS8 Random Crack Saw Ideal for Both Asphalt and Concrete Surface Repair

General Equipment Company's CS8 Random Crack Saw is specifically designed for following and cutting irregular crack patterns in both asphalt and concrete surfaces. Utilizing an 8-in (203mm) diameter, dry-cut diamond blade, the saw offers a highly maneuverable solution to producing smooth-sided cuts for proper crack filling procedures.

A center-mounted blade configuration lets the machine pivot about its own axis to more easily follow random crack patterns, and maximize blade life by minimizing undercutting. Because the saw is pulled during operation, it offers more natural operator control than side-mount blade saws, and affords excellent direct-line visibility of the crack.

Power is supplied by a 13-hp (9.2 kW) Honda GXV390 4-stroke engine equipped with a Cyclone®-type air filter system for maximum protection against fine-grained dust contamination. The maximum cutting width is .5 in (12.7mm), and the maximum straight-line cutting depth is 1.5 in (38.1mm).

The CS8 has a unitized, welded steel-plate frame with extra heavy-duty, sealed swivel casters and extra capacity, twin-row externally greased bearings. Other standard features include an infinitely adjustable blade-height control and the unique Quik-Pitch™ blade engage/disengage lever. An integrated dustpan helps collect the high volume of fines produced during sawing and discards them away from the operator

for simple collection and disposal.

An optional water mist control system is available for wet-cutting applications.

www.generalequip.com



Size does Matters

BYG S.A., the exclusive distributor of Trevi Benne products for the Spanish market, has just delivered the first Shear Marilyn CS 160RS model to the Spanish firm Francisco Mata S.A., which specializes in the industrial demolition and dismantling of ships.

At the company's largest facility, Trevi Benne's CS 160RS "monster" shear will operate for the demolition and complete reduction of large ships, including substantially thick metal structures that will be sold to foundries. Mounted on Liebherr R984 boom-positioned excavator, the CS 160RS has a weight of 34,171 lb (15,500kg), a height of more than 16 ft (5m), and



an opening of 43 in (1,100mm). At the blades, shear releases a force of more than 1,300 tons.

www.trevibenne.com

Genesis Attachments GSG Scrap Grapple Now Available in 10 Sizes

Genesis Attachments' GSG Scrap Grapple is now available in ten sizes. Ranging in capacity from 0.5 yd³ to 2.5 yd³ (0.4 m³ to 1.9 m³), GSG grapples fit 20- to 80-ton material handlers to meet a wide range of application needs.

Designed to reduce maintenance, improve durability, lower operating costs and enhance safety, Genesis Scrap Grapples feature identical hardened steel bearings with dust seals at all pivot points to keep out contaminants, plus a heavy-duty cylinder guarding system that

protects the cylinders and internal components. The system is easily removed for maintenance. Other features include reverse-mounted cylinders that protect rods from damage; large-bore hydraulic cylinders to maximize clamping force; and long-life, abrasion-resistant steel tips that are easily replaced with a simple perimeter weld.

Genesis also provides flat- or point-tine shapes in half- or narrow-width spades for high-volume scrap processing.

www.genesisattachments.com



JRB Grapple Bucket/Rake Traps and Transports Debris

The JRB Grapple Bucket/Rake by Paladin Attachments attaches to wheel loaders to efficiently transport materials in construction debris, land clearing, trash handling and scrap applications. Its unique C-shaped radial design allows unwanted small debris to drop out through the bottom shell, eliminating excess material weight in each truckload.

For added load security, the JRB Grapple Bucket/Rake utilizes multi-line grapples equipped with both horizontal and vertical bars that hold materials firmly in place. Op-

tional sidebars are also available to increase material retention. To better support and transport uneven loads, the dual hydraulic cylinders allow the left and right grapple arms to move independently.

The JRB Grapple Bucket/Rake is available in five models, ranging in size from 2.25 yd³ (1.72m³) to 6 yd³ 4.59m³) with maximum openings ranging from 75 in (1,905mm) to 120 in (3,048mm). It is available as a pin-on attachment, and is also compatible with JRB's Quick Coupler System.

www.paladinattachments.com



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Advanced Rubber Track Technology Applied on Mini Excavator Tracks for the First Time

Addressing the technology gap between rubber tracks available for compact track loaders and those available for mini excavators, McLaren Industries now offers its high-performance NextGen TDF™ series rubber tracks for mini excavators. This product release represents the first of its kind to offer increased track strength and durability for mini excavators.

Unlike competitive jointless cable tracks, the SpoolRite belting technology used in the NextGen TDF series is a proprietary system that radically increases the tensile strength of the tracks' internal structure. It is a pre-stressed, aligned, non-overlapping continuous belting system, which guarantees equal tension throughout the track belts. This reduces the chance of link ejection and structural damage of the track, and significantly improves the track strength.

McLaren's NextGen TDF tracks also feature a Crack and Cut Quarantine System™ (CCQS), a series of narrowly spaced lug bars that contain the growth of any accidental cut

or crack. By preventing the spread of the surface damage, CCQS provides a noticeably longer service life.

Other standard features include a four-step metal-to-rubber bonding, proprietary rubber compound formulation, rubber coated wear resistant guiding system, continuous rubber roller pathway, and double-offset tread pattern.

"When a mini excavator has to do a hard job, track durability is one of the most critical factors for the undercarriage," said George Zafirov, marketing manager for McLaren Industries. "Our NextGen TDF series rubber tracks for mini excavators set a new industry standard for longer track life, maximized return on investment, and better ride and performance on harsh terrain."

The NextGen TDF excavator tracks are available for numerous makes and models of mini-excavators. They fit popular models such as Bobcat X341, Caterpillar 305 CR, JCB 8060, Volvo EC55, and many more.

www.mclarenindustries.com



Subaru to Feature Big Block Engine at WOC 2015

Subaru Industrial Engines will feature its 35-horsepower EH90 and 40-horsepower EH99 at booth C4621 at World of Concrete in Las Vegas. The engines meet a growing demand for larger, air-cooled gasoline engines that deliver increased power for a wider range of applications.

on the engine heads can be set up to trigger an engine shutoff to prevent any damage from overheating.

- Ideal for equipment like concrete polishers, riding trowels, utility vehicles, zero-turn mowers and ride-on blowers.
- Extremely durable, low maintenance and feature heat-reduction technology.
- 999cc and feature heavy-duty connecting rods, large crankshaft bearings and three-ring pistons.
- The hardened exhaust valve and seats can handle high temperatures, which improves engine performance, efficiency, and overall life of the engine.
- Optional temperature sensors located

Subaru Industrial Power Products is a subsidiary of Fuji Heavy Industries Ltd., Tokyo. Fuji Heavy Industries is a diversified global manufacturer of Subaru automobiles, aircraft, industrial engines and equipment. Subaru Industrial Power Products is responsible for sales and support of Subaru industrial engines and power products in North America.



The New Solo 880/811 Concrete Cut-Off Saws

Solo, one of the innovators of the Professional Backpack Sprayer, has also been making 2-stroke engines since 1948. Before entering the construction industry, Solo spent more than seven years on research and development to overcome technological obstacles currently associated with cut-off saws, and now produces powerful machines. Once again, Solo brings new innovation and world-class performance to the industry, with the introduction of its state-of-the-art 880/811 concrete cut-off saws. Innovations found in the 880/811 models include:

- **World's first Intelligent Lubrication system (iLube).** In the Model 881, oil is metered to the fuel by an electronically-controlled pump. Never again worry about the fuel mixture.
- **No manual choke to pull and no half-throttle button to push.**
- **One-push stop system stops the engine and immediately prepares it for renewed operation.**
- **Multi-stage air filter system with patented twin-pipe-interceptor constantly blows dust away from the machine so that only pre-filtered air reaches the paper segments of the main filter. That results in filter changes only every six months, not after each job.**
- **Anti-vibration system with five steel springs and rubber-coated handle for fatigue-free operation.**
- **Kevlar-coated reinforced cord for longer life expectancy.**
- **81 cc Solo German-engineered two-stroke high-performance engine.**

Solo's innovative technology isn't limited to just its cut-off saws. The company has also

engineered the top-selling compression sprayers on the market today. Solo broke into the construction industry with models with the 407-CI and the 487-CI models, which were designed specifically for use in concrete preparation and treatment. With their rugged polyethylene tanks and unbreakable wands, these concrete/compression sprayers provide outstanding performance, efficiency, and durability. These construction sprayers cost only a fraction of traditional steel sprayers, and are made in the U.S..



www.solousa.com



New GDR 400 From Genesis Attachments Fits 40- to 55-Ton Excavators

Genesis Attachments expands its Demolition Recycler concrete processor product family with the new GDR 400. Fitting 40 to 55 ton excavators, the GDR 400 features a 48-in (1,219mm) jaw opening and 41-in (1,041mm) jaw depth, making it the line's most powerful all-purpose processing and cutting attachment for high-reach and standard demolition, as well as road and bridge applications.

"The availability of the GDR 400

concrete processing attachment positions Genesis to better serve the project spectrum of demolition contractors worldwide, from small with our GDR 150 to now the largest projects with the 400," says Chad Wood, Genesis new product development engineer.

The GDR 400 is available with concrete cracker or concrete pulverizer jaws, each of which minimizes dust, noise, and flying debris while maximizing productivity.

www.genesisattachments.com

Chicago Pneumatic launches new generators

International construction equipment manufacturer Chicago Pneumatic has expanded its range of generators with the launch of new 50Hz and 60Hz stationary models. The CPSG stationary generators are

designed for easy positioning and operation by contractors on sites. CP said that the CPSG units are ideal for operators seeking a consistent source.

www.cp.com



Global Concrete Cutters Form Association



The social networking website Facebook is joining thousands of concrete cutters around the world in a global concrete cutting association for owners and operators called the Concrete Cutting Nutters Association. The founders of the group is now set for forming a global association.

In PDA's international sister magazine PDi, issue 2-2014 a short notice was published about a number of groups for concrete cutters has appeared on Facebook. Unfortunately the information did not come out correctly and PDi mixed up a number of data and names. In the following article the facts has been straighten out and we have taken the help from the actual founders of some of the groups.

CCNA founded in May 2014

Facebook is a remarkable tool for bringing together private individuals and professionals from different work sectors from all over the world. This was something Bill Greenwood, Mark Krchmar and Frank Di Mambro realized when they started a Facebook group they called Concrete Cutting Nutters Association in May this year. It is well on the way to becoming a global association with over 2000 members so far and growing. To become a member of the CCNA is not a complicated as becoming a member of a traditional association.

"Myself, Mark Krchmar and Frank Di Mambro had connected over Facebook and were having a discussion about the industry, when I piped in and said let's start a group on Facebook," said Greenwood. "Frank Di Mambro proposed to call it Concrete Cutting Nutters Association. We all chuckled and I punched the buttons on my computer and registered the group and invited Frank and Mark. Within three days we had 100 members and

posts started to fly."

Greenwood said that they picked up Deon Cawthray, owner of Concrete Cut n Core from western Australia, James Mcarthur owner of Holemasters in Scotland, Paddy Brosnan owner of Extreme Concrete Cutting of Australia near Sydney and Alan Smith who is the king of diamonds and works for London Diamond in England. Bill Greenwood aka Bill Concrete Sawing on Facebook works for Aaxiom Concrete Sawing in Boston, US, Mark Krchmar works for CTS in Maryland, US and Frank Di Mambro is owner of Borecut in South Africa. "At the time I didn't know that the group Håltagare out of Sweden even existed, but I am glad I found them. They have a great group going," said Greenwood.

Håltagare (meaning concrete cutter in Swedish) was started at the beginning of 2014 by the Swedish Concrete Sawing & Drilling Association president Anders Andersson. The group has nearly 1,200 members. Language in the posts



Bill's dog Kyah helping to handle the website.



utting ociation

is mainly Swedish, but several members are also members of the English speaking Facebook groups.

A unique place to meet, exchange and learn

Shortly after the CCNA was formed Deon Cawthray started the Australian Concrete Cutters & Core Drillers Association and many of the Australian members are also involved with CCNA. "A great bunch of nutters too indeed," said Greenwood.

Greenwood and his co-founders think it is great that it is such a big mix of concrete cutters from all over the world. It is a very diverse group that is having discussions about the industry. Greenwood thinks that together they can learn a lot from each other by seeing how they all attack their jobs in different ways. "We are learning and teaching each other new methods and ways how to use our equipment. We also get information through our Facebook page about new machines and tools," said Greenwood.

During the first five months there has been a lot of sharing of information, bringing the owners together with cutters in the field and the estimators. Sales people from independent to the major manufacturers are seeing how their products are doing on sites with reviews to hopefully help them improve their products. "I couldn't imagine how well this group has evolved and the influences it has on the industry. I really hope it grows into something larger to help bring the concrete sawing and drilling industry into a even respectable trade," said Greenwood.

However, visiting these Facebook pages will show that there is unsuitable language used among some of the nutters. "Yes the group is a little bit rough on the edges. The members that post are hard-core concrete cutters. We treat this like we are together on the job site bantering each other all the time. But I guarantee, we are also there for each other when one falls another or many are there to help him up again. It should be easy to access and become a member. Then we all improve our work, supporting each other even with our country differences and just as much personal differences. If the rest of the world would look at this group and take a lesson from it the world would be a better place," said Greenwood.

Mark Kchmar also express his feeling for this industry and the importance of an association where all stand on the same level. "I have been in this industry the longest I believe and I put my first blade into concrete in 1978. I have been very active in this industry and have cut concrete in 42 of the 50 states in the US. I have also been working with concrete cutting in three foreign countries. When this with CCNA started we never dreamed it would grow like it did. But when we hit around 300 I started to voice concerns about the nutter name and the skull with a blade thru it. But I was voted down," Mark smiles. "I have learned so much about the cutters themselves over the years and how much passion so many have for this industry. I never knew before that there actually were 4th generation cutters. I mean guys who have followed the family tradition of being on the tools. Some guys are even using the same tools their fathers and grandfathers have used. It is amazing! And these men are proud of what they do. They deserve more respect. They deserve to be treated as the skilled tradesman they are. These men need a true association and the CCNA page has shown is they want one. Amen," added Mark from CTS in Maryland.



Bill Greenwood, and his wife Debi. Debi is handling a lot of the administrative stuff with CCNA and takes care of production and delivery of the CCNA stickers.



Frank di Mambro with his wife.



Mark Krchmar.



Deon Cawthray with his wife.

Well on the way to form a global association

In Australia Dean Cawthray believes the CCNA online association is an incredibly good idea to reach the world's concrete cutters. "That all these Facebook groups, including CCNA, has received so much response from the global sector of concrete cutters is incredible and for me it also shows that we maybe have something that the traditional national associations don't provide. Maybe they don't reach out to their members and potential members completely," said Cawthray. "There are so many aspects of being a member in a branch association, what the association should do for you and what the association expects from you as a member. It easily gets very bureaucratic, which scares off many. For me basically and first of all it should be fun to be



Anders Andersson is the founder of the Scandinavian group for concrete cutters Håltagare.





a member of a branch association where you also can identify yourself with others even if they operate on the other side of the world. That's where CCNA has started and we intend to go the full way and establish a complete international association for concrete sawing and drilling contractors around the globe. We have already been working a lot with this, making surveys among our members and we are working on our constitution right now. More information about this will soon be posted on our Facebook page."



Cawthray has a union background and is owner of a concrete cutting company in Australia. He mentions that the power of numbers, and means a lot of members hold a lot of weight when it comes to negotiations with regulatory authorities and government. In many countries rather small national associations do not have that impact. CCNA has started to raise funds and the next step is to format the association, which will be totally international. "It can only work if CCNA is totally international. On part of the fund raising is to sell stickers, at A\$6 each (EUR4), as a symbol for being a member in the association and as a contribution to move the association forward," said Cawthray. "We are selling them on eBay currently and we have an incredible demand from UK and US. We have also started to sell T-shirts and hoodies. Personal contributions are of course also welcome. But we are yet not so experienced in setting up an association like this so we are currently taking small steps. And the deal between the founders of the association and the members is that if nothing is ever happening with this the funds that the association has received will be donated to support science to cure breast cancer."

Cawthray said that the CCNA made a survey when the membership was 1500 and 350 replied. Of those 180 were owners and operators, 50 were operators and the rest were owners. The management of CCNA hope that the membership and encourages those interested to log on to Facebook, search for Concrete Cutting Nutters Association and become a member. "We are calling out to all Concrete Cutting Nutters. All for one and one for all. Never leave a fellow concrete cutter behind and stay safe out there," said Greenwood. Finally PDi Magazine encourage everybody that becomes members of CCNA to by their member stickers. Take a picture of the sticker placed on your helmet and send it to the PDi editorial office and we will publish it.

Frank Di Mambro in South Africa has shared some really nice pictures from a job he believes is probably the biggest cutting ever done in the southern hemisphere. His company cut a turbine block at the power station in Kusile, South Africa. Frank said that they cut 40 of these block each weighing 120t. If you have jobs that you want to tell the PDi readers about take some pictures and write a few lines and send it to info@pdworld.com.



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Rockster Recycler Rocks the Market With Interchangeable Duplex Impact/Jaw Crusher Plant



Rockster Recycler North America introduces its mobile Duplex System, a track-mounted crushing plant that allows the contractor to interchange an impact crusher with a jaw crusher—and vice-versa—on the same chassis. This unique capability creates a dual-purpose machine for a wider range of recycling, demolition, and aggregate crushing applications.

Available in the R1100/1200 impact/jaw models (280-350 tons/hour) and the R900/800 impact/jaw models (120-240 tons/hour), the Duplex System allows one crusher unit to exchange material in approximately four to five hours using an excavator. All crushers feature two hydraulically adjustable swing-beams, as well as on-the-fly rotor speed adjustment for accurate material sizing and fines control.

The hydraulically adjustable jaw crushers feature oversize bearings and shafts, and are reversible to easily remove uncrushable material.

The drive system for each machine is enclosed in a sound-proofed housing that can be opened on all sides for maintenance and service. Hydraulic pumps for all auxiliary drives and the hydrostat are driven via a distributing gear unit flange-mounted on the drive motor. The hydrostat activates the crusher and controls its speed via a V-belt drive, replacing the typical clutch. The bypass chute is adjustable, allowing discharged pre-screened material to be directed to either a side or main discharge belt, both of which are hydraulically operated and fold for compact transport.

www.rockster.at

Atlas Copco SC 270 Hydraulic Scrap Cutter



The Atlas Copco SC 270 is a hydraulic scrap cutter for the 2.2- to 3.3-ton carrier class.

As with other Atlas Copco SC scrap cutters, the 270's compact blade design and one moving jaw can generate significantly higher cutting forces than comparable models with two moving jaws and long blades. Higher cutting forces mean higher cutting rates, ultimately opening up a wider range of applications.

Along with being powerful and versatile, Atlas Copco SC-scrap cutters also deliver outstanding productivity and dependability. With a combination of high cutting force along the entire blade length, 360-degree hydraulic rotation, and short opening and closing times, the SC 270 can power through the toughest metal demolition projects.

www.atlascopco.com

The SC 270 scrap cutter is part of the Atlas Copco silent demolition tools line.

KPI-JCI and Astec Mobile Screens Honors Dealers for Outstanding Performance

KPI-JCI and Astec Mobile Screens recognized 13 North American dealers for outstanding performance during its National Dealer Conference, held Sept. 15-17 in Denver, Colo. The recipients of the awards are selected from the entire KPI-JCI and Astec Mobile Screens dealer organization. The premier award given this year was the Top Sales and Marketing Award, an honor that is not given every year, but rather when a dealer demonstrates extraordinary excellence.

This year, Goodfellow Corporation of Boulder City, Nev., was recognized for its extraordinary dedication to the KPI-JCI and Astec Mobile Screens product line. Other award recipients included:

- Sales Excellence in Material Handling Products Award: Lonetrack Equipment/Chieftain Recycling Equipment of Edmonton, Alberta; General Equipment & Supplies of Fargo, N.D.; and Texas Bearing Company of Amarillo, Texas.

- Sales Excellence in Washing & Classifying Products Award: Road Machinery & Supplies of Savage, Minn.; Lonetrack Equipment/Chieftain Recycling Equipment of Edmonton, Alberta; and Mine Equipment & Design of Cleves, Ohio.
- Sales Excellence in Crushing and Screening Products Award: Goodfellow Corporation of Boulder City, Nev.; General Equipment & Supplies of Fargo, N.D.; Power Motive Corp. of Denver, Colo.; and

Alta Equipment Company of New Hudson, Mich.

- Sales Excellence in Tracks Award: Thompsonrolec Enterprises of Lewiston, Maine; Goodfellow Corporation of Boulder City, Nev.; American State Equipment of Little Chute, Wisc.; and Modern Machinery of Missoula, Mont.
- Service Excellence Award: General Equipment & Supplies of Fargo, N.D.; Amaco Construction Equipment of Mississauga, Ontario; and Thompsonrolec Enterprises of Lewiston, Maine.
- Part Sales Excellence Award: Goodfellow Corporation of Boulder City, Nev.; American State Equipment of Little Chute, Wisc.; and G. W. Van Keppel Company of Kansas City, Kan.
- Presidents' Awards: Texas Bearing Company of Amarillo, Texas; Modern Machinery of Missoula, Mont.; and Thompsonrolec Enterprises of Lewiston, Maine.



Atlas Copco reveals new, streamlined hydraulic breaker attachment line

Atlas Copco's new, Essential (ES) breaker attachments give rental centers and contractors a fast ROI by simplifying maintenance and operation. Atlas Copco created the ES Range as an economical and user-friendly option for general construction projects and light demolition. Kevin Loomis, business line manager for Atlas Copco Construction Equipment, said the compact, ES hydraulic breakers are easy to maneuver into tight spaces and provide good visibility, which speed up day-to-day construction, landscaping and renovation jobs.

"The ES Range breakers are a great addition to Atlas Copco's family of SB, MB and HB breakers," Loomis said. "Atlas Copco hydraulic breakers have unparalleled quality and service that customers expect from an equipment manufacturer. Our breakers help increase our customer's productivity and efficiency, while minimizing costly downtime.

The new ES Range includes three models, the ES 60, ES 70 and ES 80. These models are remarkably narrow to promote good visibility and handling on worksites. The slim design also results in faster cleanup. For example, operators can cut narrow and precise trenches for plumbing installation applications without removing excess soil to accommodate

the breaker's size. The ES breakers feature Atlas Copco's exclusive, solid body construction that combines percussion and mounting components in one uniform structure. This eliminates the need for external fasteners, which allows rental center mechanics to quickly and easily replace wear bushing and seals, resulting in fast turnaround times for repairs and maintenance.

Atlas Copco designed the ES breakers with a central lubrication point that contractors can quickly and easily access to grease the breaker. The breakers also feature full-length floating bushings to ensure grease fully coats bushings and tool steel to minimize wear. The breakers enhance productivity with a nitrogen-gas assist system that works with the units' hydraulic oil to accelerate the breakers' pistons and achieve impact rates as high as 1,300 beats per minute.

The three ES breakers attach to a wide range of carriers in weight classes that range from nearly 6,400 to over 26,000 pounds. Operators can use the breakers in conjunction with Atlas Copco's tool steel, such as amoil point, chisel or blunt, to break through a variety of materials. Themoil points and chisels are ideal for breaking apart sedimentary rock and soft to medium-hard metamorphic rock.

www.atlascopco.com



Atlas Copco launches Tier 4 Final QAS 25 generator

Atlas Copco Portable Energy announced the release of its new QAS 25 generator, which is equipped with an Isuzu 4LE engine and a Diesel Oxidation Catalyst (DOC) to achieve Tier 4 Final emission levels. The QAS 25 generator is ideal for heavy-duty use in several industries, including rental, oil and gas and construction. It is also an exceptional option for powering events. It can be used for prime or standby power and is designed to withstand the rigor of demanding use in the field. The QAS 25's overall durability as well as the quality and dependability of its interior components give it one of the highest resale values in the industry. For example, the QAS 25 is mounted on a durable frame and surrounded by a

AREP alternator for optimal motor-starting capability. DeepSea 4510 controls are comfortable, reliable and easy to use. The unit comes standard with two-wire remote start capability and features a 72-gallon fuel tank for a 45-hour run time, nearly twice the run time of some competitive models.

The unit's versatility can be seen but not heard. The QAS 25 enclosure is sound attenuated and has a vertical radiator and exhaust discharge to ensure low dBA levels for use on noise-sensitive jobsites, residential areas or at events. Its voltage selector switch allows operators to adjust the machine's output to 480 and 208/240 volt 3-phase settings as well as 120/240 volt single phase for varying applications and equipment. For additional safety, the locking front panel voltage adjust potentiometer prevents unintentional adjustments to the voltage, which can cause overheating or equipment damage. This versatility gives users greater flexibility on the jobsite and can increase utilization at rental centers. The 120vac GFCI duplex receptacles are always



robust enclosure formed from galvanized steel and powder coated for a long-lasting, scratch- and corrosion-resistant surface.

In terms of performance, the generator is equipped with a dependable Leroy Somer

powered, giving users the ability to operate small hand tools while running larger loads, such as vendor stands or jobsite trailers.

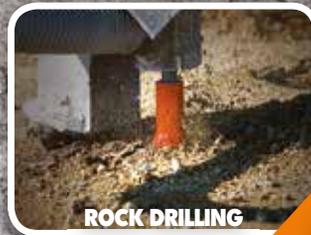
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A Revolutionary Grinding System



Finding adequate power always seems to be a problem when it comes to operating large grinders and dust collectors. On many new construction sites, power options are very limited and many times non-existent. Isn't there an effective alternative that doesn't require a high voltage power source? There is now.

Scanmaskin is proud to introduce their first 100-percent self-contained propane machine—the Scan Combiflex 800 Propane, featuring a high performance 25-hp (18.6kW) Kawasaki V-Twin engine, coupled with a high torque centrifugal clutch system. Using this efficient drive system, the SC800P is able to provide high torque while grinding at low speeds—a valuable feature for rough grinding and surface preparation applications.

A perfect complement

Weighing in at 970 lbs (440 kg) and offering a 32-in (813mm) grinding width, the SC800P is perfect for medium- to large-sized commercial projects. The unit also features a digital RPM display along with an hour meter, making it easy to track usage and maintenance.

The new Ermator T8600 Propane HEPA vacuum is the perfect complement to the Scanmaskin SC800P grinder. Boasting a large 18-hp (13.4kW) Kawasaki engine, the T8600P cranks out a massive 410 ft³ (11.6m³) per minute with 115 in (2,921mm) of water lift on a 3-in (76mm) hose.



In addition, each HEPA filter on the T8600P is individually tested and certified to ensure that they meet or exceed HEPA standards. This high-performance unit is perfectly matched for the SC800P grinder, and provides the best self-contained system available in the industry today.

To ensure ease of use, both the Scanmaskin SC800P and the Ermator T8600P use interchangeable propane tanks, with emission systems that comply with California regulations. The units each come equipped with CO₂ safety sensors for additional operator safety.

Wide distribution net

The Scanmaskin SC800P coupled with the Ermator T8600P is truly a revolutionary grinding system that gives users the best of both worlds. Whether it's removing coatings from a parking garage or polishing a warehouse to a high-gloss finish, the system that Scanmaskin and Ermator offer is next to none. In North America, the Scanmaskin/ Ermator propane system can be purchased through either Jon-Don or Quest Building Products.

www.scanmaskin.com
www.ermatorusa.com

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FORUM

Fórum Latino-Americano de Corte Concreto e Demolição 2015

Tópicos Especiais:

- Demolição por Controle Remoto • Máquinas de demolição pesada e de longo alcance
- Métodos de demolição ecológicos • Equipamentos de corte e perfuração de concreto
- Ferramentas modernas de diamante • Demolição controlada usando técnicas de fio diamantado
- Remoção eficiente de revestimentos para pisos diferentes • Pisos de concreto polido - o novo produto final
- A melhor maneira de conter a poeira e borra de concreto • Reciclagem e manuseio de resíduos - um negócio rentável
- Hidrodemolição, o método de demolição "sensível" para estruturas de concretosensíveis
- Novos sistemas e técnicas de perfuração, padrão elétrico, hidráulico e de alta frequência
- O valor das entidades de classe • ...E muito mais!



October 1-2, 2015 • Rio de Janeiro, Brazil
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CONCRETE POLISHING UNIVERSITY

Fórum Latino-Americano de Concreto e Demolição

Para atender a essa demanda e interesse, um Fórum de dois dias sobre demolição acontecerá pela primeira vez no Brasil. O Fórum Latino-Americano de Demolição 2015, que abrangerá todos os métodos e segmentos dessa atividade, será nos dias 1º e 2 de outubro de 2015, no Sheraton Spa & Resort, no Rio de Janeiro. O evento contará com uma série de temas de apresentações e mesas-redondas.



A indústria de demolição Sul-Americana tem mostrado uma evolução expressiva nos últimos três anos. Diferentes métodos de demolição, corte e perfuração de concreto, moagem e polimento para piso de concreto, reciclagem de resíduos de demolição, etc. até então não usados ou usados de forma limitada, vem ganhando presença crescente em mercados como o Brasil, México, Chile, Bolívia, Colômbia, Peru e Argentina. Além disso, também cresce a demanda e interesse por estes serviços por parte das empresas de construção latino-americanas.

Programa

No momento, ainda não estão definidos um programa detalhado nem a equipe de palestrantes e tópicos que serão abordados, adiantamos alguns dos temas que deverão ser discutidos no evento:

- Demolição por Controle Remoto - os métodos, técnicas e equipamentos
- Máquinas de demolição pesada e de longo alcance
- Métodos de demolição ecológicos - silenciosos, com baixa produção de poeira e de vibrações
- Equipamentos de corte e perfuração de concreto de Alta Frequência - leve, rápido e eficiente
- Ferramentas modernas de diamante -

- o desempenho de corte, o ciclo de vida e os preços
- Demolição controlada usando técnicas de fio diamantado
- Remoção eficiente de revestimentos para pisos diferentes - métodos e marcas
- Corte de pavimentos de ruas e estradas
- Moagem em pó ou em pequenos pedaços de pavimentos de ruas ou estradas
- Pisos de concreto polido - o novo produto final
- Ferramentas e produtos químicos para o polimento de piso de concreto
- A melhor maneira de conter a poeira e borra de concreto
- Reciclagem e manuseio de resíduos - um negócio rentável
- Técnicas mais recentes de britagem e separação por peneiras com benefícios ambientais
- Hidrodemolição, o método de demolição "sensível" para estruturas de concreto sensíveis
- Novos sistemas e técnicas de perfuração (core drilling), padrão



de Corte e Perfuração

Rio de Janeiro, Brasil

2015

- elétrico, hidráulico e de alta frequência
- O valor das entidades de classe.

Parceiros

O Fórum Latino-Americano de Demolição é realizado pela editora SCOP AB que, entre outras revistas de construção, publica a PDI Magazine (Demolição Profissional Internacional, em inglês) em colaboração com a editora Riverbend Publishing LLC, que publica a revista PDA Magazine (Demolição Profissional nas Américas).

O fórum deve ser organizado com a parceria ou o apoio das seguintes associações industriais, cujas negociações para estabelecer acordos estão em andamento:

- ALEC, Associação dos Locadoras de Equipamentos de Construção
- SOBATEMA, Associação Brasileira de Tecnologia para Construção e Mineração
- ABRECON, Associação para Brasileira Reciclagem de Resíduos da Construção Civil e Demolição
- IACDS, Associação Internacional de Cortadores e Perfuradores de Concreto

- IDE - Instituto de engenheiros de demolição
- EDA, Associação Européia da Demolição
- CPUU, Universidade de Polimento de Concreto dos Estados Unidos

O fórum é destinado principalmente a empreiteiros, distribuidores, fabricantes e associações industriais e profissionais do setor que trabalham nos segmentos de serviços e produtos mencionados acima, na América Latina. O Fórum Latino-Americano de Demolição 2015 pretende informar, estimular o debate, introduzir novas técnicas e desenvolver ainda mais essas linhas de negócios na América Latina. O fórum é uma oportunidade única para os fabricantes e fornecedores para apresentar seus produtos e métodos para um grande número de profissionais latino-americanos.

Marketing do Fórum

A divulgação do Fórum terá início em setembro de 2014 e será feita através dos canais da seguinte forma:

- Contatos pessoais com associações industriais nas Américas;
- E-mails de mala direta personalizados para empreiteiros, fornecedores e fabricantes;
- Notas para a imprensa para a mídia especializada nacional e internacional em todos os países da América Latina, com ênfase no Brasil;
- Notas para a imprensa, histórias e anúncios serão publicados nas revistas PDI e PDA, além de outras revistas de construção latino-americanas.

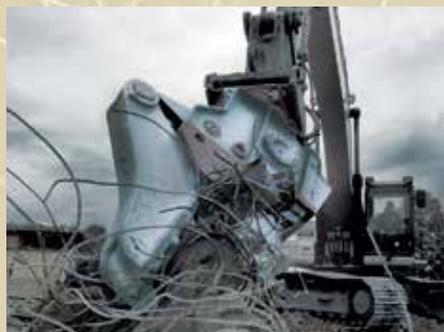
- Distribuição de uma pasta especial de apresentação do evento diretamente para as indústrias de maior importância, bem como durante as várias feiras até o evento em 1-2 outubro de 2015.
- Notícias sobre o evento também serão enviadas para outros meios de comunicação nacionais e internacionais, com ênfase no Brasil

Registree participação

As inscrições para o Fórum e o pagamento podem ser feitas no site www.latindemoforum.org. Em paralelo com o Fórum, haverá uma exposição. Os expositores interessados podem se inscrever e efetuar o pagamento para participar da exposição através do site. Um recibo é impresso no momento do pagamento e uma fatura será enviada juntamente com uma confirmação. Caso o pagamento não possa ser feito através do site, favor entrar em contato com o organizador com seu pedido em info@latindemoforum.org.

Idiomas

Todo o marketing e as informações serão distribuídas nos idiomas de cada país, ou seja, Português, Espanhol e Inglês. Durante o Fórum, todas as apresentações serão traduzidas simultaneamente a partir de e para o Português, Espanhol e Inglês. As apresentações devem, se possível, também estar disponíveis como documentos de texto nos três idiomas para todos os participantes da conferência. Todo o material impresso também deve estar nos três idiomas.



Preço para participar

Entrada para os dois dias fórum apenas: **USD 890**

Pacote

Entrada para os dois dias, Coquetel de Boas-Vindas e Jantar de gala: **USD 615**
Jantar de gala apenas **USD 310**
Coquetel de Boas-Vindas **USD 150**
Rio Tour **USD 170**
Samba show **USD 100**

Exposição em paralelo ao fórum

Uma exposição acontecerá em paralelo, durante os dois dias de seminários em local adjacente ao da conferência. Nela, fabricantes, distribuidores, fornecedores, representantes de associações e demais participantes do fórum terão a oportunidade de apresentar produtos ou serviços utilizando vários tipos de materiais próprios de exposição. Também será possível demonstrar produtos ao ar livre, de forma limitada.

Incluso no pacote do expositor:

Mesa na área de exibição nos dois dias de conferência:

- O expositor pode utilizar displays (roll-up ou similar) atrás de sua mesa;

- O expositor pode utilizar sua mesa para mostrar catálogos e outros materiais promocionais da companhia, bem como produtos pequenos;
- Uma entrada de cortesia para o representante da companhia. Esta entrada inclui o Coquetel de Boas-Vindas, (Quarta-feira, 30 de Setembro), os dois dias de conferência (Quinta-feira, 1o de Outubro e Sexta-feira 2 de Outubro), Coffee-break e almoço de negócios (Quinta-feira, 1o de Outubro e Sexta-feira 2 de Outubro) e uma entrada de cortesia ao jantar de gala (Quinta-feira, 1o de Outubro).

O pacote também inclui:

Visibilidade da logomarca do expositor:

- No site www.latindemoforum.org
- Nos displays roll-up oficiais posicionados no evento;
- Nas malas diretas enviadas aos participantes, representantes de empresas, convidados, outros participantes e patrocinadores;
- Em cada documento oficial do evento, impresso e de forma digital
- Nas revistas PDA e PDI

Por favor note que representantes adicionais da empresa terão que pagar para as entradas da conferência e/ou do jantar de gala. Também note

que o espaço na exposição é limitada a apenas 30 expositores. Portanto, somente os primeiros a se inscreverem terão acesso ao espaço.

Os expositores têm a possibilidade de comprar entradas extras de conferência e do jantar de gala com 10% de desconto. No entanto, há um limite de participantes no fórum (500). Os participantes que tiverem efetuado o pagamento total terão prioridade.

Preço do pacote do expositor:

Membros das entidades e associações mencionadas que apoiarão o evento **USD 2,565**

Expositores não-membros das entidades mencionadas que apoiarão o evento **USD 3,515**

Site

A melhor maneira de se manter informado sobre o planejamento do Fórum Latino-Americano de Demolição 2015 é visitar o site www.latindemoforum.org. O site será atualizado continuamente e todas as notícias sobre o fórum e o seu programa completo serão nele publicadas. No site você também pode fazer todas as reservas para os participantes do fórum, como reservar um lugar na exposição e um quarto de hotel, além de tornar-se um patrocinador e muito mais.



Latin American Concrete Cutting & Demolition Forum 2015

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shows

Concrete Show

Biggest event for the Brazilian civil construction industry proves that Brazilian contractors are not betting on economic stagnation.

Text: Luiz Carlos Beraldo

Photos: Concrete Show 2014

How important was it for floor grinding machine and tool manufacturer LVS120+ to exhibit at Concrete Show 2014?

"A big step," says Alzira Aparecida Silva, the company's Director. "It was not that long ago we entered the market and we are already participating in the Concrete Show, which offers us a very good level of exposure." As a result of its participation in Brazil's largest trade fair, LVS sold nine pieces of equipment—a sales volume almost 30 percent higher than the monthly average during 2013. "In addition to sales, participation in a show like this is important to gain new customers and consolidate the company's image," Alzira adds. Like LVS, more than 600 Brazilian and international companies presented their products and services on technological solutions and services for infrastructure, residential, and industrial projects. During the three-day event at the Immigrantes Exhibition Centre in Sao Paulo, more than 31 000 people visited the show—a new record.

Other exhibitors echoed Alzira's sentiments

"Last year we participated in Concrete Show for the first time," says Donizetti Carlos de Oliveira, director of RCO. "That resulted in a business growth of more than 60 percent during the first half of 2014. This year we feel

Enjoys



Show 2014

Record Attendance





Alzira Aparecida Silva, Director at LVS 120+ was very satisfied with the show.

that the effects of the show are even bigger, and the business environment is much more favorable.”

For Hugo Rodrigues, communications director at the Brazilian Portland Cement Association (ABCP), the very busy show was no surprise. Even with the expected slower economic growth, Rodrigues believes that the outlook for the concrete production chain in the country is more cautious, but not stagnant. “It is impossible that such a thriving industry for such a long time will decline,” he adds.

“The number of visitors to the show exceeded all expectations, and the visitors were to a big extent owners of construction companies in Brazil and from abroad,” says Marcio Mazulis, owner of Novatreliça. “It is a clear sign that the market will be heated in the second half of 2014, and for sure during the first half of 2015.”

Popular concrete congress

Also during the show, a Concrete Congress offered 18 seminars and courses, totaling 150 lectures that attracted students, contractors, and industry professionals. For new contractors there were short presentations on issues such as finance and management indicators. A construction site was built especially for the course on structural masonry.

Other technical issues addressed included industrialization of construction, concrete walls, eco-efficiency, construction management, construction best practices, floors, and shotcrete.

“Brazil – a very important market”

The South Korean firm Kumkang Kind, which sells metal formwork for building houses, exhibited for the first time the event last year. The company returned this season and is already planning participation in 2015, since Brazil is seen as strategic by the company, according to Hyun Soo Kim, manager of international business department.

This was also the case with Quangong Machinery, who attended the event for the fifth time and has Brazil as “a very important market,” according to Alex Zhang, sales manager for Latin America.

“Concrete Show is the place for those who want to do business in the construction sector,” says Andrés Segal from Argentine Prenova Sustentales Building Systems. Prenova shared a booth this year, but is considering returning to the next Concrete Show with its own stand.

Claudia Godoy, president of Concrete Show, believes that “the large presence of public confirms the growing interest among industry professionals to meet and use new technologies that contribute both to quality and as productivity at construction sites around the country. Exhibiting companies, meanwhile, attended the event because they know they will get qualified visitors, most of them professionals with decision-making power and influence in the purchase of products.”

www.concreteshow.com.br



Claudia Godoy, president of Concrete Show.



Brasil Concrete Show 2014: recorde de público

Maior evento da construção civil brasileira mostra que empresários do setor não estão apostando em estagnação da economia

Texto: Luiz Carlos Beraldo

Fotos: Divulgação Concrete Show

"Para nós é um grande passo. Começamos a atuar nesse mercado há pouco tempo e já estamos participando do Concrete Show, que nos oferece um nível de exposição muito bom", resume Alzira Aparecida Silva, diretora da LVS120+. Sua empresa, que fabrica politrizes, participou pela primeira vez do Concrete Show, a maior feira brasileira do setor de construção civil.

Como resultado desta participação, a LVS vendeu nove equipamentos, segundo a diretora, volume quase 30% superior à média mensal de 2013. "Além das vendas, a participação em uma feira como esta é importante para conquistar novos clientes e consolidar a imagem da empresa", afirma a empresária. Assim como a LVS, mais de 600 empresas brasileiras e internacionais apresentaram seus lançamentos em soluções tecnológicas e serviços para obras de infraestrutura, residenciais e industriais. Durante os três dias do evento, mais de 31 mil pessoas visitaram a feira, no Centro de Exposições Imigrantes, em São Paulo, volume recorde em toda a história da Concrete Show que está em sua oitava edição. Experiência semelhante já ocorreu com outras empresas. "Ano passado participamos pela primeira

vez do Concrete Show. Os frutos colhidos na edição de 2013 colaboraram com o crescimento de mais de 60% em negócios no primeiro semestre de 2014. Este ano o movimento da feira está ainda maior e o ambiente de negócios está muito mais favorável", afirma o diretor da RCO, Carlos Donizetti de Oliveira

Para o Diretor de Comunicação da Associação Brasileira de Cimento Portland (ABCP), Hugo Rodrigues, não foi surpresa que a 8ª edição do Concrete Show estivesse tão movimentada, mesmo com a expectativa de crescimento econômico do país mais tímida, no momento. Ele acredita que para a cadeia produtiva do concreto o momento econômico do país é de cautela, mas não de estagnação. "É impossível que um setor tão pujante entre num ciclo longo de retração".

"A visitação da feira superou todas as expectativas. Recebemos donos de construtoras do Brasil e exterior. É uma sinalização que o mercado será aquecido no segundo semestre de 2014 e primeiro semestre de 2015", avalia Marcio Mazulis, proprietário da Novatreliça.

Durante a feira aconteceu também o Concrete Congress, com a realização de 18 seminários e cursos, totalizando 150 palestras, que atraíram estudantes, empresários e profissionais do setor. Para novos empreendedores houve apresentações curtas sobre temas gerenciais, como finanças e gestão por indicadores. Cerca de 600 pessoas foram qualificadas durante o evento. Um canteiro de obras foi montado especialmente para o curso sobre alvenaria estrutural. Também foram abordados outros temas técnicos,

como industrialização da construção, paredes de concreto, ecoeficiência, gestão de obras, melhores práticas construtivas, pisos e concreto projetado.

A sul-coreana Kumkang Kind, que comercializa fôrmas metálicas para a construção de casas, esteve pela primeira vez no evento no ano passado. Voltou nesta edição e já planeja participação em 2015, pois o Brasil é visto como estratégico pela empresa, segundo Hyun Soo Kim, gerente do departamento de negócios Internacionais. Este também foi o caso da Quangong Machinery, que participou pela quinta vez do evento e tem o Brasil como "um mercado muito importante", conforme Alex Zhang, gerente de Vendas América Latina.

"O Brasil, São Paulo e o Concrete Show são os locais para quem quer fazer negócios no setor da construção civil", Andrés Segal, da argentina Prenova Sistemas Construtivos Sustentales, que este ano participou do evento em um stand montado pelo consulado do país mas cogita voltar na próxima edição do evento com stand próprio.

Claudia Godoy, presidente do Concrete Show, avalia que "a grande presença de público confirma o interesse crescente dos profissionais do setor em conhecer e utilizar novas tecnologias, que contribuem tanto para a qualidade como para a produtividade nos canteiros de obras pelo país. As empresas, por sua vez, marcaram presença no evento, pois sabem que vão receber visitantes qualificados, a maior parte deles, profissionais com poder de decisão e influência na compra de produtos".

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Calculating for some close cu

Dozens of times during his career in the concrete cutting business, Mark Krchmar of Glenn Dale, Md.-based Concrete Technologies Services (CTS) has strategized the movement of equipment and people to job sites hundreds of miles up and down the East Coast. But Krchmar's latest assignment is putting his logistical planning skills to the test, though it involves a journey of only a few hundred feet.

Improving water quality

As part of a four-year facility upgrade program, Richmond's Department of Public Utilities (DPU) is upgrading the filtering system in each tank with new equipment in order to achieve and maintain higher water quality standards. For CTS and project general contractor English Construction Company, Inc., Lynchburg, Va., that means cutting into reinforced concrete walls and floors from 1.5 to 14 feet thick in order to remove the old filtration system and install new equipment. That, according to Krchmar, is the "easy" part.

"I don't think they could have picked a tighter site for this plant," says Krchmar, whose firm has numerous water and wastewater treatment plant projects to its credit. "It's

compact, with railroad tracks and a steep slope on one side, and the river and floodwall on the other. There's really not a lot of room to stage equipment and material."

Even for humans, accessing the settling tanks is just as tricky, which a labyrinth of pipes, utilities, and other impediments that will be fully operational while the cutting work takes place.

"Working in active water treatment plant sometimes scares off other contractors," Krchmar says. "Because you're working near open water tanks and active treatment processes, you have to take extra care to control dust and prevent fluid leaks from the equipment."

Having worked in these challenging environments before, Krchmar knows the secret is simply to get some help from above.

Krchmar's objective is one of four massive concrete-lined settling tanks at the Richmond, Va., Water Treatment Plant. Located along the James River, the plant is one of the largest in the state, with a treatment capacity of up to 132 million gallons per day to supply half a million people in and around Virginia's state capital.

cutting



A lot of demolition - very little time

Using a 100-ton crane positioned as close as possible to the 100 x 200 ft tank, Krchmar plans to hoist the project team's larger pieces of equipment—including a Brokk 330 remote control demolition machine—across the expansive of water treatment systems and down to the bottom, approximately 15 feet below the surface. A high-cycle wallsaw and drills, to lessen the risk of oil leaks, and other cutting tools in the CTS arsenal will be lifted in as well, or carried by hand.

"The crane will then be backed away, and we'll get to work," Krchmar says. "We'll stockpile the concrete rubble in the tank until we're done, then bring the crane back in to lift it and the equipment out."

The project will take approximately four weeks—"a short time to do a lot of demolition work," Krchmar says, and also include mechanical demolition of the tank's pipes, filters and walkways. After that, CTS will move on to the next tank scheduled for upgrades.

"That one's in an even less accessible location," Krchmar says with a laugh, adding that while there's little room for schedule slips, he's nevertheless confident that DPU will like what it sees.

"We did a demonstration with the 330 while discussing how we'd approach this job," he says. "Once they saw how hard it hits, they were sold."

As with any job, Krchmar says the Richmond Water Treatment Plant work will further demonstrate CTS's ability to effectively manage both the challenging and routine aspects of concrete cutting in difficult environments. He's just hopeful that any "surprises" will be minor in scope.

"We'll have to be very careful when working with

the big bulkhead walls in the tank, as there is a couple of million gallons of water on the other side," he explains. "That's one place where you certainly don't want to hear anyone say 'oops!'"



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Latin American Concrete Cutting and Demolition Forum Rio, October 2015 Well Supported

This is the first in a series of articles presenting the Latin American Concrete Cutting and Demolition Forum that will take place in Rio de Janeiro, October 1-2, 2015.

When PDA's sister publication, PDI, began published in 2000, its focus was mainly on Europe, the U.S., and Australia. That was because the products and methods the magazine covered were mainly used in those areas. But during the last five to six years, the news about methods covered in PDI have come from other markets like in Asia, Middle East, Africa, and South America.

In particular the Latin American market has stood out. This is clear proof that these methods have become more adapted in the entire world, and this region in particular with stand-out markets like Chile, Bolivia, Colombia, Venezuela, Mexico, and Brazil.



Moderator, José Blanco.

As Brazil is the largest market in Latin America and one of the four BRIC regions, it is of particular interest to PDI. The region is of particular interest to manufacturers of various machines, tools, and systems for concrete sawing and drilling, demolition, recycling, dust management, cleaning of hazardous waste, and grinding and polishing of concrete floors. A booming construction market in Brazil has likewise resulted in a growing interest for new methods and equipment among contractors.

A diversified economical situation

The market situation in South America is very diverse and varies from country to country. Chile has shown strong growth in recent years in terms of infrastructure. However, the growth was initially estimated at 3.6% this

year, but has since been downgraded to 2.1%. This is due to the construction industry showing lower growth than expected, particularly in the first quarter.

Colombia however, is experiencing tremendous growth of 9.6% and higher for 2014 and 2015. There is particularly strong momentum in the transport infrastructure sector, especially road projects. Argentina has shown very weak development for several years, but is finally showing some positive signs of recovery. The construction industry growth has been at the modest level of 1.5%, but it is anticipated that the growth level for the coming five years will be around 3.3% and above.

The Mexican construction industry has reported strong expansion in the last five years, but came to a slight halt in 2013 with around 4% to 5% due to persistent delays in reviving public-sector investments and depressing the housing market. But it is expected that growth will start to fall in 2014 to about 3% and 4% during 2015.

In Latin America's largest economy Brazil the construction industry has been kept at an extremely high level due to major building efforts surrounding the FIFA World Cup and the 2016 Olympic Games. Unfortunately fundamental issues in Brazil's business environment undermine the growth potential in the construction sector, and things could be better if those issues were resolved. The election in 2014 has to some extent paralyzed development this year.

Analysts believe that the period 2015-2018 will generate a higher growth on average of around 3.8% compared with an average of 2.2% during 2011-2013. In the coming years, construction will start on major road and airport projects, and several port and rail projects will be released for tender. In sum, despite claims of recession, there are an extensive number of building projects going on in Latin America.

That is why PDI, in partnership with the new North and South American magazine Professional Demolition Americas (PDA), has taken the initiative to organize the first Latin American Concrete Cutting and Demolition Forum, in Rio de Janeiro, Brazil, October 1-2, 2015. At this point the exact conference hotel has not been decided as several options are considered in order to find the best option for in particular the outdoor demonstrations. However the hotel will be decided in the following weeks. Information about place of venue will be published on the forum's website shortly.

The forum is supported by several well-known industry associations in both Brazil and the rest of the world, including:

- Brazilian Association of Technology for Construction and Mining (SOBRATEMA)
- Brazilian Rental Association for Construction Machinery and Equipment (ALEC)
- Brazilian Association for Recycling of Construction and Demolition Waste (ABRECON)
- European Demolition Association (EDA)
- Institute of Demolition Engineers (IDE)
- International Association of Concrete Drillers and Sawers (IACDS)
- International Concrete Polishing and Staining Conference (ICPSC) and Concrete Polishing University

Forum dedicated to professionals

The Forum is dedicated to serving the interests of Latin America's concrete sawing and drilling, demolition, recycling, and concrete floor grinding and polishing industries, as well as contractors, manufacturers, suppliers, and trade associations. Its program is intended to inform, educate, stimulate discussion, and train in order to advance the professional and economic growth of the region's concrete cutting, demolition, and recycling sectors. The Forum program is still being finalized, but the following is a tentative list of topics:

General Draft of Latin American Concrete Cutting & Demolition Forum Program

OCTOBER 1, 2015

MORNING SESSION

8.30 Registration

WELCOME AND OPENING REMARKS

- 9.00 Jan Hermansson, PDI Magazine Editor
- 9.10 Jim Parsons, PDA Magazine, Senior Editor
- 9.15 José Blanco, Moderator

OPENING SPEAKER

9.15-9.30 Institutional opening

SESSION ONE - CONCRETE CUTTING

9.30-9.45 The Concrete Cutting Marketplace, Facts and Figures (Global, Brazil, and Latin America as a whole)



sobratema.org.br



arbrecon.org.br



alec.org.br



iacds.org



europeandemolition.org



ide.org.uk

Cutting & Demolition Forum in Hosted By Branch Associations

LATIN AMERICAN *Concrete Cutting &* **DEMOLITION** RIO DE JANEIRO BRAZIL OCTOBER 1-2 2015




9.45-10.00 ALEC – Professional Concrete Cutting
and Demolition in Brazil

10.00-10.15 Case Study: Concrete Sawing and Drilling
of a Bridge in Brazil

10.15-10.30 EQUIPMENT FOCUS – High Frequency
vs Hydraulic equipment

10.30-11.00 Morning Coffee

11.00-11.20 Case Study: Concrete Sawing and
Drilling in Industrial Environments, Brazil

SESSION TWO - DEMOLITION

11.20-11.40 The Demolition Marketplace, Facts
and Figures (Global, Brazil and Latin
America as a whole)

11.40-12.00 Case Study: Brazilian Long-Reach
Demolition Project

12.00-12.15 Equipment Focus: speaker to be confirmed

12.15-12.30 Case Study: Selective Bridge Demolition
in a Major Brazilian city

12.30-13.30 LUNCH

SESSION THREE – REMOTE CONTROLLED ROBOTS

13.30-13.50 Remote Controlled Demolition Robots –
The Method, Urban Demolition, and

Industrial Applications

13.50-14.10 Use of Demolition Robots in Brazil:
Advantages and Disadvantages

14.10-14.25 Equipment Focus: speaker to be confirmed

14.25-14.45 Case Study: Robotic Demolition in
Major Brazilian city

SESSION FOUR – RECYCLING

14.45-15.05 ABRECON – The Brazilian Marketplace
for Recycling of Demolition Waste
(Roundtable discussion proposed
by ABRECON)

15.05-15.20 EQUIPMENT FOCUS: speaker to be
confirmed

15.20-15.30 Case Study: Major Recycling Project
of Demolition Waste in Brazil

15.30-16.00 Afternoon Coffee Outdoors with
product demonstrations

SESSION FIVE – DEMONSTRATIONS

15.30-17.00 Demonstrations of remote controlled
demolition robots, hydrodemolition,
concrete cutting equipment,
dust extraction, etc.

OCTOBER 2, 2015

MORNING SESSION

8.30 Registration

SESSION SIX – CONCRETE FLOOR GRINDING & POLISHING

9.00-19.30 Why Invest in Concrete Floor

Preparation and Polishing Equipment?
(History, Current Situation, and the Future)

9.30-9.50 EQUIPMENT FOCUS: speaker to be confirmed

9.50-10.05 ICPCSC Presentations and Training Classes

10.05-10.20 Case Study: Presentation of Concrete
Floor Grinding and Polishing Case Study

10.20-10.30 Equipment Focus: speaker to be confirmed

10.30-11.00 Morning Coffee

SESSION SEVEN – DUST & SLURRY MANAGEMENT

11.00-11.20 The Basics of Dust Management

11.20-11.35 Equipment Focus: speaker to be confirmed

11.35-11.55 Case Study: Inner-city Dust Management

11.55-12.30 Equipment Focus: speaker to be confirmed

12.30-13.30 LUNCH

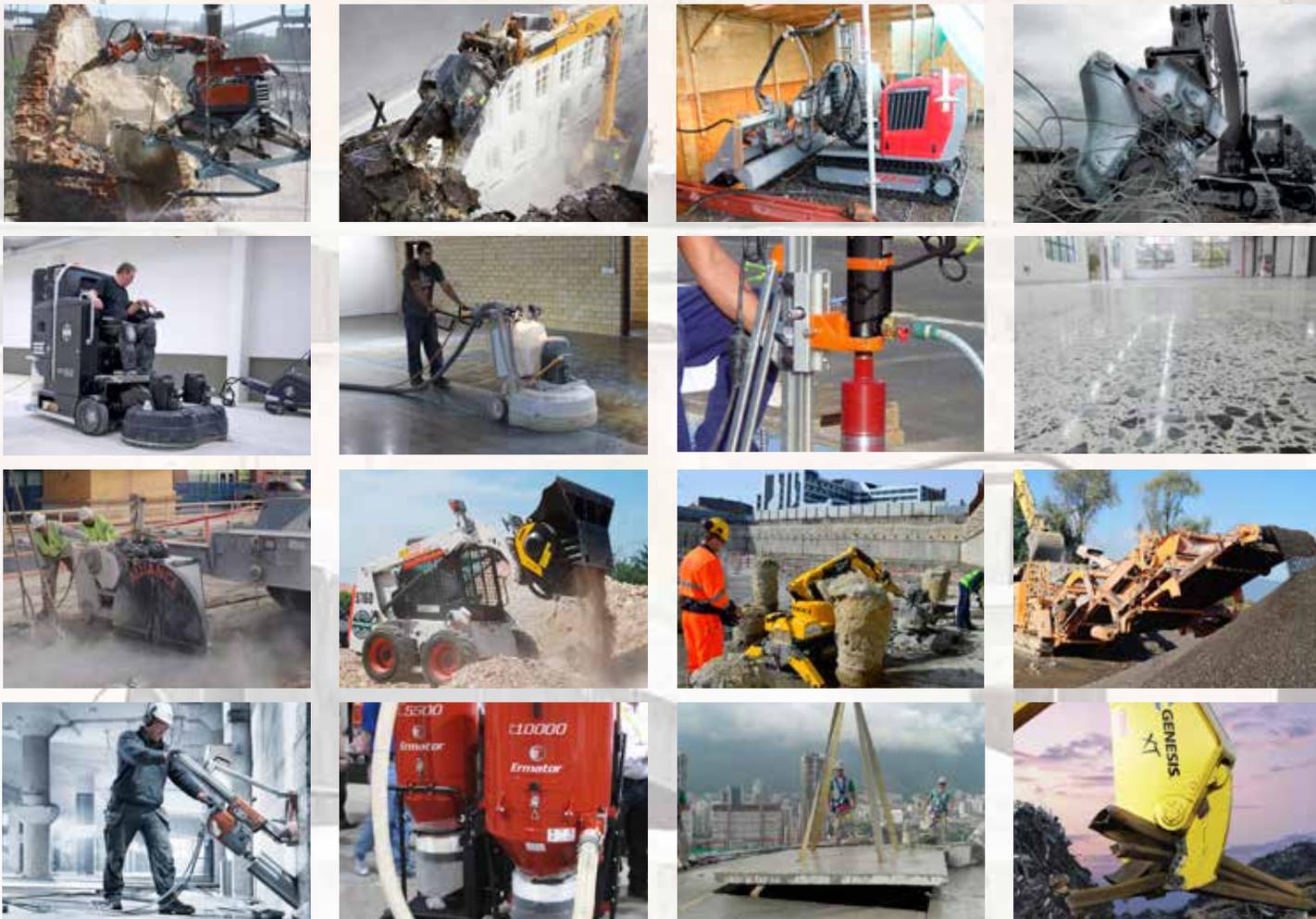
SESSION EIGHT – HYDRODEMOLITION & CONCRETE REPAIR

13.30-13.50 The Basics of Hydrodemolition:



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The Method, Robots, and Frames

- 13.50-14.05 Equipment Focus: speaker to be confirmed
- 14.05-14.20 Case Story: The Sensitive Method for Efficient Concrete Removal
- 14.20-14.35 Equipment Focus: speaker to be confirmed

SESSION NINE – PRODUCT DEMONSTRATIONS IN THE OUTDOOR AREA

- 14.35-15.30 ICPSC Training Classes
- 14.35-15.30 Demonstrations of demolition equipment, concrete sawing and drilling system, hydrodemolition robots, concrete floor grinding machines, and dust extraction equipment
- 15.30-16.00 Afternoon Coffee (served outdoors along with the product demonstrations)

SESSION TEN – PRODUCT DEMONSTRATIONS

- 16.00-17.00 ICPSC Training Classes
- 16.00-17.00 Demonstrations of demolition equipment, concrete sawing and drilling system, hydrodemolition robots, concrete floor grinding machines, and dust extraction equipment

Something for everyone

For manufacturers and distributors, the first Latin American Concrete Cutting and Demolition Forum will be

an ideal opportunity to meet a large number of professional contractors and also rental companies. It will be a unique and highly valuable networking and promotional opportunity.

Since May 2014, the Forum's organizers have been working with the region's trade associations and others to raise awareness about the event through a variety of direct contact and media channels, including various Latin American trade magazines and news sites. The Forum will also be promoted at a number of trade exhibitions in North and South America.

The Latin American Demolition Forum 2015 also offers a wide variety of sponsor packages for manufacturers, suppliers, contractors, and trade associations. Sponsorship levels include:

- Exclusive Platinum
- Gold
- Silver
- Bronze
- Supporting
- Gala Dinner
- Visit Rio de Janeiro

Here is some other important information about the Forum:

Languages

All information and promotional material will be available in Portuguese, Spanish, and English. During the Forum, all presentations and speeches will be simultaneously translated to and from these languages. Printed materials, presentations, and speech texts will also be available in the three main languages.

Tabletop Exposition

Concurrent with the forum, a tabletop exposition will provide a venue for manufacturers, suppliers, associations, and contractors to promote their products or services. There will also be an outside demonstration and training area. Registration information for booths and tabletop exposition space is available at www.latindemoforum.org.

Presentations and hands-on training

The Forum will offer a variety of useful and informative presentations on the advantages of various industry methods, products and tools, as well as extensive hands-on training classes. Sessions include operation of remotely controlled demolition robots, hydrodemolition techniques, core drill systems, wall and wire saws, dust extraction and concrete slurry containment, and removal of concrete floor coatings. In addition, special concrete floor polishing seminars and polishing training classes will be held in cooperation with the International Concrete Polishing Institute.

Want to learn more?

All information about the Forum can be found on at www.latindemoforum.org, which is continuously updated. Proposals for additional topics and presentations are also welcome and will be given due consideration for the program. The website also provides portals for participating in the Forum, reserving exhibition space, and making travel and hotel arrangements. There are also links to Forum partners and supporters, associations, and exhibitors.

www.latindemoforum.org

Atlas Copco equipment assist in US bridge demolition

The Colorado Department of Transportation needed to improve traffic flow at Denver's Pecos Street and Interstate 70 interchange. It chose an accelerated bridge construction approach to minimize interference with traffic. A replacement bridge was built adjacent to the site to be moved into place on tracked carriers as soon as the existing bridge was down. Demolition had to be done in a single night.

The idea was for Staker Parson Company's demolition crews to get the bridge down and out of the way by 7 am on a Saturday morning. Since demolition could not start until 11pm, it meant the crews had just eight hours to get the job done.

Performance Equipment of Erie, Colorado, supplied four Atlas Copco hydraulic breakers and two Atlas Copco CC 3300 Combi Cutters. The bridge was in good shape making demolition more difficult. "Demolition of a good bridge is about twice as hard", says Performance Equipment president Donnie Fetters. "In a typical demolition project I see failures, places where rebar is exposed and concrete is crumbling. Most structures we demolish practically want to come down. Not this one," says Fetters. Demolition was delayed until 3am in the morning while steel plates were laid for the bridge carriers to travel on leaving. This left only four hours for the demolition crews to complete their task.

"The bridge was attacked from both sides at the middle," said Fetters. "Coming at the bridge with six of those tools was just amazing. A Combi Cutter was stationed at the centre on both sides. Each was nibbling away with a breaker on either side of a Combi Cutter .

"The hammers can take a bridge down on their own, but they get hung up as rebar is exposed. So every so often the Combi Cutter would reach over and shear through the rebar, freeing the breaker. This accelerated the work of the hammer and the Combi Cutter would then help the other hammer."

In spite of having only half the time originally planned for the demolition, crews finished by the deadline. The replacement Pecos Street Bridge crawled into position according to plan and opened for traffic on schedule.

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Wire Sawing Tech Makes Way in Brazilian Viaduct

An unfinished overpass collapsed in the Brazilian World Cup host city of Belo Horizonte on July 3, 2014, leaving two persons dead, 22 injured, and casting a shadow over a tournament that suffered repeated construction accidents and delays. In order to clear the way after the accident the Brazilian concrete cutting contractor Servitécnica was called in to carry out the difficult task.



The bridge, located about 2 miles (3 km) from the Mineirao Stadium in Belo Horizonte where World Cup games were being played, spanned one of the major thoroughfares connecting the stadium area with the international airport. It was part of a Bus Rapid Transit (BRT) system that officials had promised would be ready for the World Cup.

A difficult task

The structure collapsed as vehicles were passing on the busy road underneath. Part of a passenger bus was crushed and another

Wire cutting with a SK-SD wire sawing machine from Tyrolit Hydrostress. In the background, part of the collapsed viaduct is visible.



Technique Tragic Collapse



Picture below show one of the transversal wire cut and pulverizers demolishing the part that was wired. A Duztech dust suppression unit dampens the dry airborne concrete dust. In the center of the picture a crushed truck.

car was still trapped in the wreckage hours later. The total length of the stretch that had collapsed measured 443 ft (135m), and weighed about 2,000 tons.

The construction contractor for the overpass, Cowan Construction, immediately set up a forensic team to investigate the causes of the accident. Technical staff were sent out to the accident site on the day of the collapse.

Despite the tragedy, rubble from the viaduct had to be cleared so traffic could start moving again. The Cowan Construction Company was searching for a method to demolish the collapsed structures without noise, dust, and too much impact. A few hours after, the viaduct fell down the contractor started to use

Picture to the right showing heavy reinforced concrete.





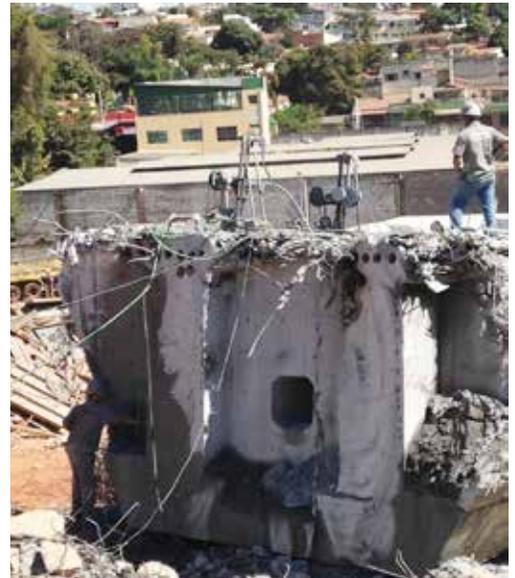
Cut blocks ready to be lifted.



Heavy overpass foundations.



Above a truck trapped under the concrete rubble.



Above and below two wire machine cutting a huge beams over the collapsed column.



Above concrete parts weighing 16 tons each.

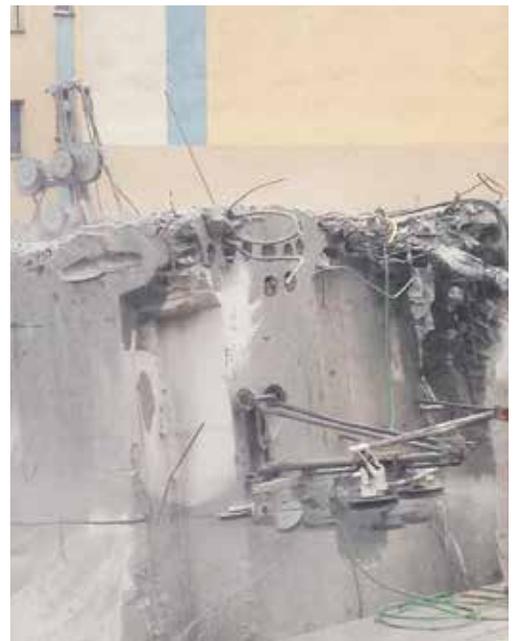
several excavators fitted with hydraulic breakers to demolish the rubble and open up the avenue. But nearby residents began to complain about the noise, dust, and vibration that the demolition work caused, so another demolition method had to be found.

Controlled demolition was the only solution

After discussions with the Belo Horizonte-based concrete cutting and controlled demolition contractor Servitecnica, diamond wire techniques accompanied by an excavator fitted with a hydraulic pulverizer were selected for the second phase of the clean-up.

Each piece of the collapsed structure was cut down to shapes and sizes that could be handled with an excavator, and transported to another site for crushing. The cleanup took about three weeks, with more than 1,292 ft2 (120m2) of extremely heavy reinforced concrete demolished using two wires saws from Tyrolit Hydrostress, SK-SD, and excavator, a pulverizer and four operators.

A special Model DWM-S diamond wire from Tyrolit was also used, lasting longer than specified and maintaining good cutting speed throughout the project.



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High productivity and Perfect Corners in Two New Products From LVS120+

LVS120+, a Brazilian manufacturer of concrete grinding and polishing machines for floors, attended Brazil's Concrete Show 2014 showing its complete product line, highlighted by two releases—a corner grinder and a new polisher with a gear drive. The two products feature technology that combines high productivity, competitive price, and easy maintenance, according to the manufacturer. Using a gear drive instead of belts, the LVS polisher has advantages such as high performance and superior productivity with a polishing diameter of 27.5 inches (70cm).



LVS 120+ Director Luiz Carlos da Silva.

says LVS Director Luiz Carlos da Silva, who adds that his is the only company in Brazil giving a two-year guarantee for the transmission gears.

The polisher is the only one of its type with four tool holders, and can work with 8 or 12 quick coupling metal inserts. The machine's planetary speed control produces a range of 10 to 1,050 rpm, and includes a digital voltmeter, hour meter, and frequency inverter. The machine has two outlets for a vacuum with a 2.6-gallon (10 liter) water tank, and illumination through two LED reflectors.

"The machine offers improved maneuverability which gives more agility to work,"

The 220 VAC power is biphasic, allowing it to be transformed into three-phase 220 VAC.

The LVS 3-hp (2.2 kW) corner grinder operates with 220 VAC (15A). The grinder has its own dust extractor for dry conditions, and plus a 2.6-gallon (10-liter) water tank.

Complementing the LVS product line are the 21.6-in (55cm) LVS 5.5, 27.5-in (70cm) LVS 7.0, the 33.5-in (85cm) LVS 8.5 belt-drive polishers.

www.lvs120.com.br



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www.alec.org.br

Trans-Plus Argentina Provides Best-Quality Grain with Rockster's Advanced Technology

Trans-Plus SRL, a young, growing company with 100 employees, is making a mark in clean, crushed recycled material—something new for South America.

Since early 2013, Trans-Plus is the owner of a Rockster R900 with a screen box and return belt and the owners are highly satisfied with their new crushing plant. "Our Rockster machine has been a great choice of Austrian technology, compact all-inclusive machinery and multi-functionality," says Trans-Plus Production Manager Emilio Emiliozzi. "We have many off-site jobs where we have to clean, crush, and screen material, and this type of all-in-one machine concept has really been a good tool."

The Argentinean government is trying to solve a very common problem in many South America countries: What to do when torrential rains come and roads are wiped out?

They are discovering that many subcontractors use high quantities of plastic- or mud-based material, rather than travelling long distances to procure higher quality material from quarries. When the inferior material comes in contact with water from flash floods, it expands and disintegrates, causing many dangerous roads to fall apart and causing many deaths.

Recycled road building material

One solution the government is working on is to open access to better quality material by taking advantage of better methods and technology in recycled road building material. Natural stockpiles of cubic, clean, and plastic free material are widely available, but difficult to extract due to the lack of technology. Rockster's advanced technology crushers assure a high quality final grain, perfectly usable as base material for road building. Trans-Plus is working



Rockster Country Manager for South America, Perry Austin Holt shows off the official Argentina cap given as a present by the owners of Trans Plus, an Argentinean construction and recycling company.

with the central government on the novel project of certifying recycled material for non-structural building use, and has performed many laboratory tests with its final grain.

"After demonstrating the clean material our Rockster crusher R900 was producing, we began to sell to local

municipalities," says Emiliozzi. "Now, they only want our recycled material."

www.rockster.at

Un martillo hidráulico modificado de CP fue elegido para aplicaciones de altas temperaturas en una mina de cobre chilena

Un martillo hidráulico RX22 personalizado de Chicago Pneumatic fue elegido para una exigente aplicación de limpieza de hornos en una de las principales minas de cobre de Chile. El martillo hidráulico montado en máquina portadora, modificado para soportar temperaturas de más de 1.000 °C, fue suministrado por Servicios Nettle Hermanos, contratistas mineros especialistas, para su uso en la mina de cobre de Caletones que explota la empresa chilena de titularidad pública CODELCO.

Chile es sobradamente conocido en el mundo por ser un país líder en explotaciones mineras y en la producción de cobre. El proceso minero implica la extracción de cobre de la tierra y su posterior fundido en hornos a temperaturas superiores a 1.000 °C para separarlo de la roca. A continuación, el cobre se pasa un gran crisol en un proceso conocido como "carga". Tras ello, el horno debe limpiarse con un martillo hidráulico para recibir la carga siguiente. Para realizar de un modo eficaz esta operación esencial de limpieza, Servicios Nettle Hermanos se ha vuelto a un martillo hidráulico robusto y eficiente, el

RX22 de Chicago Pneumatic, personalizado para ofrecer un rendimiento fiable en una aplicación exigente a altas temperaturas.

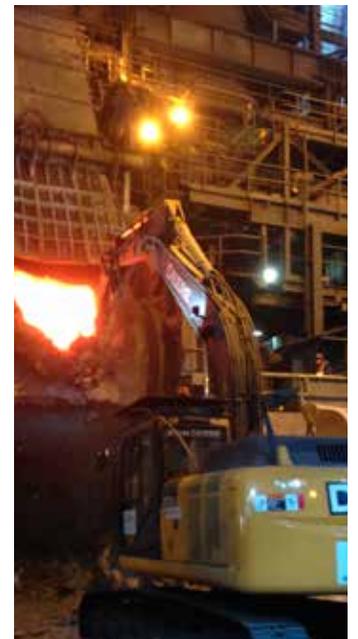
Antes de elegir el RX22, el cliente usaba un martillo hidráulico de 1.000 kg más pequeño que presentaba problemas de disponibilidad y una baja potencia de impacto por causa de las altas temperaturas a las que se desarrolla el trabajo. Esto suponía la necesidad de realizar frecuentes cambios de mangueras, por lo que Servicios Nettle Hermanos terminó por recomendar el uso de un martillo hidráulico personalizado de tamaño medio de 1 500 kg, el RX22 de Chicago Pneumatic, equipado con punteros extra largos para solucionar este problema.

Los martillos hidráulicos de Chicago Pneumatic se han diseñado con punteros pensados para realizar una transferencia óptima de energía. El puntero de un martillo debe ser capaz de soportar grandes tensiones, como la generada al recibir el impacto del pistón, y de transferir la energía para romper el material. Uno de los factores clave es disponer de un puntero de longitud optimizada que ofrezca

un equilibrio entre la longitud útil (cuanto más largo mejor) y la resistencia a los esfuerzos por tensión (cuanto más corto mejor).

En aplicaciones especiales, como las condiciones de trabajo a altas temperaturas experimentadas en la mina chilena, un puntero más largo puede aumentar la productividad de un martillo hidráulico. Tras recibir la petición de un RX22 con un puntero más largo, capaz de trabajar a altas temperaturas, se llevó a cabo un estudio de viabilidad. Los ingenieros de Chicago Pneumatic confirmaron que podía utilizarse debido a la baja resistencia a la fractura del material y a unos volúmenes que permitían producir una solución personalizada por el cliente.

En comentarios sobre la exitosa operación en curso del RX22, James Nettle, director de marketing de Servicios Nettle Hermanos, afirmó que: "En la actualidad, el martillo trabaja en condiciones óptimas sin problemas y nuestro clientes está muy satisfecho con el resultado. Desde que cambiamos al RX22, el desgaste del cajón del martillo es menor así como el consumo de mangueras,



y su rendimiento es más eficiente ahora al reducirse el número de piezas usadas en el proceso".

www.cp.com

Mid-Year 2014 U.S. Construction Machinery Exports Decline 17.3%

U.S. construction machinery exports dropped 17.3 percent during the first half of 2014 compared with mid-year 2013, according to the Association of Equipment Manufacturers (AEM), citing U.S. Department of Commerce data. Over the period January-June, 2014, \$8.93 billion in exports were shipped to global markets, down nearly \$1.1 billion from the same period in 2013.

Africa was the only world area in the plus column, with a 4.3-percent increase. Australia/Oceania recorded the steepest decline, at 38.6 percent, followed by South America with a 33.1-percent drop.

At midyear 2014, exports of construction machinery to Europe declined 25.4 percent compared with the first half of 2013, for a total \$1.02 billion. Exports to Canada dropped 4.6 percent to total \$3.51 billion.

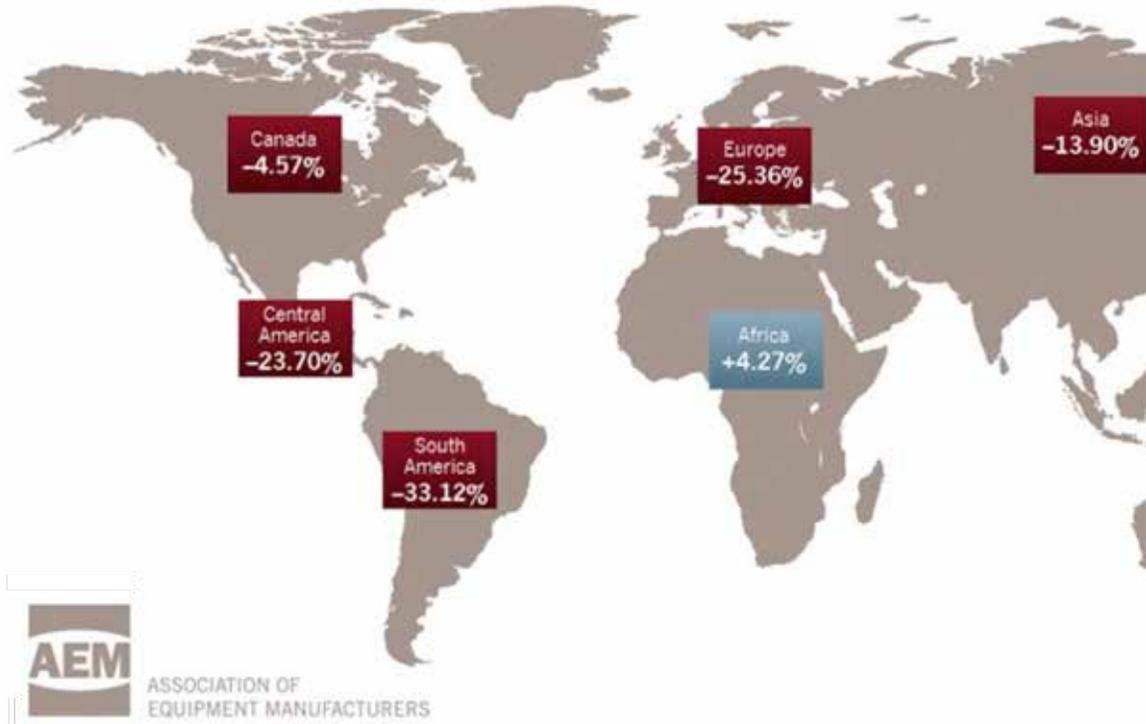
Exports to Asia declined 13.9 percent to \$1.04 billion for the first half of 2014. Mid-year exports to Central America decreased 23.7 percent to \$949.3 million, and exports to South America declined 33.1 percent to \$1.28 billion.

Australia/Oceania's construction equipment export purchases decreased 38.6 percent for a total \$460.7 million, while Africa took delivery of \$682.1 million worth of construction equipment, a gain of 4.3 percent.

The top countries buying the most U.S.-made construction machinery during the first half of 2014 were:

Canada \$3.51 billion (-4.6 percent)
 Mexico \$770.4 million (-24.6 percent)
 Australia \$424.7 million (-40.6 percent)
 South Africa \$400.5 million (-26.7 percent)

U.S. Exports of Construction Machinery Year-to-Date June 2014 vs. Year-to-Date June 2013



Brazil \$358.3 million (-30.1 percent)
 Chile \$299.8 million (-37 percent)
 Peru \$279.4 million (-15.1 percent)
 Belgium \$210.4 million (-36.3 percent)

Saudi Ar. \$206.2 million (-43.1 percent)
 China \$189.8 million (-21.8 percent)
 Russia \$172.1 million (-36 percent)
 The AEM off-road equipment manu-

facturing trade group produces global trends reports using U.S. Commerce Dept. information to assist members' business planning.



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HYDRODEMOLITIONS BY ROBOT OR BY LANCE

DCT Dust Suppression Units Earn U.S., Canada Certifications



After a lengthy testing phase, three direct-drive designs from Dust Control Technology™ (DCT) have been certified for the U.S. and Canada: the DustBoss® DB-30, DB-45 and DB-60. They are believed to be the first atomized misting units for dust control to earn the coveted recognition from both Underwriters Laboratories (UL) and the Canadian Standards Association, reinforcing the manufacturer's position as a world leader in safety for dust control equipment.

"The effectiveness of these three fan-driven designs has been proven through

more than a decade of use in severe operating conditions, such as demolition, mining, and coal handling," says DCT General Manager Laura Stiverson. "From the time of their introduction, product safety has always been a priority, but now customers have the added assurance of certification by an independent source."

Using standards developed by UL and CSA, the evaluation and certification process was conducted by SGS, a globally respected Nationally Recognized Testing Laboratory accredited by the U.S. Occupational Safety



and Health Administration. The certification process required DCT to submit equipment for rigorous testing under a specific set of criteria. In addition to equipment testing and quality assurance process review, the company must meet an ongoing series of benchmarks in order to maintain the certification, including factory inspection and quarterly product inspections.

The DustBoss series of oscillating atomizing sprayers is designed for safe and

effective open-area dust and odor suppression, with a variety of safety features such as fans with heavy-duty guarding, atomizer rings with pressure output that's safe enough for bare fingers and industrial strength, steel-framed wheeled carriages or skid mounts. The high-powered fans distribute the atomized mist at noise levels below OSHA approved decibel thresholds and low water usage allows safer control of runoff.

www.dustboss.com



Centura Oil Introduces Downhole Casing and Pipe Cutting System



Jet Edge pump 2,000 feet below surface in a mine.

Centura Oil Inc., a Minnesota-based waterjet service contractor to the oil, gas, and mining industries, has developed Oil's CenJet 90®, a unique downhole casing and pipe cutting system that can fit inside pipes as small as 2 in (51 mm) interior diameter, and cut multiple layers of grouted casing in a single pass with a 55K PSI (3800 bar) abrasive waterjet.

The CenJet 90 is powered by a 200-hp (149kW) Jet Edge waterjet intensifier pump, and features a modified Jet Edge Permalgin abrasivejet cutting head coupled to coiled steel tubing or conventional threaded rods. Capable of cutting 16-in (406 mm) thick steel, the system is deployed into the pipe or casing to cut from the inside. It can perform cuts up to 300 feet (91 m) from the surface at any angle—horizontal, vertical, and even overhead. The CenJet 90 uses only four gallons (15 litres) of water and one pound (.45 kg) of garnet abrasive per minute. The effluent created by the waterjet cutting process is circulated to the surface using formation water, treated water in strata prone to swelling, or nitrogen for an explosion-proof environment. The returns and cuttings are handled in accordance with industry standards. Centura Oil originally developed the CenJet 90 as an environmentally friendly downhole waterjet cutting system for stimulating oil and gas well production at depths of more than 4,000 feet (1,219 m). It modified the system for casing and pipe cutting at a recently completed uranium mine project. For more than two years, Centura Oil staff worked 2,100 feet (640 m) underground and successfully cut hundreds of pipes and grouted casings at distances up to 300 feet, many at a 70° angle.

Three layers of casing cut at 300 feet deep recovered after overcoring.



Four layers of casing were jet cut six inches below the surface casing at 30.5 feet. After removing this section the overcoring bit can be reduced, resulting in a successful retrieval of the entire string.



Very small casing sever and slot cut, 300 feet deep.



The hydraulic cylinders on the drill supporting the cutting head blew down while cutting causing this spiral effect. Below various used cutting heads, 4inch OD to less than 2 inch OD.



Terex 1,320-Ton Class All-Terrain Crane Makes U.S. Debut in Louisiana

Deep South Crane & Rigging of Baton Rouge, La., recently took delivery of the powerful and versatile Terex AC 1000 all-terrain crane, making Deep South the first lifting company in the United States to offer its customers the crane's unique combination of capacity and mobility.

"The AC 1000 all-terrain crane offers companies a unique combination of power, reach and mobility that no other competitive crane model can," says Jim Strobush, regional sales manager for Terex Cranes. "This nine-axle crane can be used in certain applications instead of a lattice boom crawler crane, and offers the distinct advantages of much faster mobilization and quicker rigging. It will definitely give Deep South a competitive edge in its market."

Measuring only 66.6 ft (20.31 m) in length, the AC 1000 crane is remarkably compact and maneuverable. It can be equipped with either a 164- or 328.1-ft

(50- or 100m) main boom, which features an open nose sheave that facilitates quick attachment of additional boom segments. This delivers short rigging times to reach a 328.1-ft (100-m) lifting height. In addition, the optional Sideways Superlift (SSL) system increases the machine's lifting capacity for a variety of applications. The ergonomically designed crane cab, which offers a 20° backward tilt, is equipped with an integrated IC-1 touchscreen control system, allowing operators to have quick access to important information such as wind speed, wind direction, hook load, rated lifting capacity, reach, boom length, and calculated and actual over-rigger loads by simply touching the screen. The Terex AC 1000 all-terrain crane reaches travelling speeds of up to 53 mph (80 km/h). A variable-ratio steering system with active, speed-sensitive, electronically controlled rear axle power steering provides excellent maneuverability and cornering stability.

Texas A&M Students Get Insider's View of Major Demolition/Recycling Operation

Cherry Companies of Houston, a member of the National Demolition Association's Construction Industry Advisory Council, recently hosted a contingent of construction science majors from Texas A&M University, providing a close-up look at one of the nation's leading demolition and recycling operations. Cherry specializes in removing a variety of structure, from highways and bridges to industrial plants and commercial buildings. Instead of dumping debris in landfills, the company recycles the vast majority of what it demolishes. Among the most commonly recycled materials are concrete, asphalt, steel, composition shingles, and tires. Cherry's recycling operation has made the company one of the largest recyclers in Texas and the Gulf Coast area, producing more than two million tons of recycled, stabilized materials annually for use in everything from parking lots and underground utilities to pipeline support and storm sewers. The tour included a visit to the site of last year's implosion of Houston's Macy's department



store. There, a crew of more than 120 workers from various Cherry divisions had worked to coordinate all aspects of the 10-story building implosion. Workers were able to remove and recycle some 50,000 tons of material by the time the job was done.

"I really appreciate getting to learn more about how demolition specialty contractors like Cherry work, because it gives me better insight about bringing these types of companies on future jobs," says senior Blake Bell, who has already lined up a project manager job with Balfour Beatty, a global infrastructure services business.

California Earthquakes a Reminder to Strengthen Disaster Response Efforts

The recent earthquakes in the Los Angeles area are another reminder to local and state governments and agencies responsible for emergency management to include demolition contractors on their disaster response teams, says Jeff Kroeker of Kroeker, Inc., in Fresno, Cal., and President of the National Demolition Association (NDA).

"Following both natural and man-made disasters, demolition contractors have provided invaluable assistance to first responders, helping them react more quickly and skillfully to these events," Kroeker says, noting the essential work demolition contractors performed following the 2011 magnitude-6.3 earthquake in Christchurch, New Zealand, and the 1994 magnitude-6.7 Northridge quake in Southern California that killed dozens of people and caused \$25 billion in damage.

"Contractors should be pre-qualified by local entities and involved in the planning stages so that response can be immediate," says NDA Executive Director Michael R. Taylor, CAE.

Among the tasks demolition contractors can handle include site clearance to allow access, urban search and rescue, and the re-establishment of the vital infrastructure. And following all life-saving measures, the contractors handle salvage and recycling and structural dismantlement. NDA has prepared a Disaster Response Manpower and Equipment Survey for local and state governments to use to help them prepare more effectively. Both the survey and a video documenting the damage to the city of Christchurch following its 2011 earthquake may be found at www.demolitionassociation.com.

NDA Launches New, More User-Friendly Website

The NDA has launched a new website—www.demolitionassociation.com—with greatly improved, user-friendly features, streamlined content, and mobile-response design that allows the site to be accessed from desktop, tablet, or mobile phone. Website visitors will find clear visual navigation cues to help them quickly scan for what they need, assuring that no information is more than three clicks away.

"The new NDA website was designed with NDA members and the many publics we serve in mind," says Kim Wieland, NDA's Director of Member Services. "The goal was to make the site convenient to use, as well as a reflection of NDA's role as the global source of all things demolition."



The homepage of the website now includes weekly updates of Industry News, a link to the NDA Blog to keep members and the public up-to-date on regulatory and compliance issues, and the latest on safety, environmental, and business topics. The NDA Twitter feed (@NDAMakingWay) is now prominently displayed on the left side of the landing page as well as all internal pages, delivering news as it happens. A quick-find online directory of NDA Members and Associate Members, and their specialized skills, can direct visitors to members and suppliers. The directory can be tailored to searches in particular states or according to the services or products needed. In addition, the Quick Find tab located at the top of the each website page accesses State Regulation resources, Concrete & Asphalt Crushing facilities, C&D Landfills, and Mixed C&D Waste processors by state. Full information is now posted for NDA's educational webinars on a variety of topics, including registration forms. And as part of the website redesign, more information and resources are now available on industry topics that include Disaster Response, Environmental Stewardship, and Community Development.

NDA Recognizes Dust Control Technology for Environmental Excellence

The NDA presented its fourth annual Environmental Excellence Awards at the organization's 41st convention in Las Vegas, recognizing 13 demolition projects that made a positive quality of life impact in 2013. Among the companies honored was Dust Control Technology, Peoria, Ill., for the development and execution of a dust suppression plan for the massive Doyle Drive demolition in San Francisco. The project included a rented fleet of eight DustBoss® DB-60s, which spray an atomized mist to capture airborne demolition dust to protect the local community and sensitive natural areas nearby. Originally constructed in 1936, Doyle Drive is a busy thoroughfare that carries thousands of cars per hour in peak traffic periods. Because of its proximity to the Presidio, a historic national park that remained open to the public during

demolition, the contract called for a dust control plan to prevent all visible dust from leaving the project boundaries while work was underway.

"In some places, the public areas were less than 100 feet away from the demolition activity," commented California DOT Resident Engineer Andrew Yan. "There's a residential neighborhood and business corridor adjacent to Doyle Drive, and we also had to consider the nearby marsh, wetlands, and forest, as well as the wildlife within those habitats."

With the significant reduction in airborne dust, Yan and his crews contributed to a healthier workplace on the complex project, while also protecting the surrounding communities and natural environment.

Demolition Contractors Add New Voice to Global Disaster Response Conference

Emergency management experts from around the world met at Purdue University recently to debate best practices for life-saving response and recovery operations after natural or man-made catastrophes, opening the dialogue for the first time this year to include industry experts. The setting was the 10th International Conference of the International Institute for Infrastructure Resilience and Reconstruction, known in the emergency management community as "I3R2." This year, the NDA contributed a new voice to the conference, promoting the value of public/private collaboration in these efforts. Thomas Stahr, Chairman of the NDA Disaster Response Committee, along with Mark Shaurette and Randy Rapp of Purdue's Department of Building Construction Management, presented a paper entitled First Responder/Private Industry Collaboration to Advance Disaster Response.

"We're working to educate these audiences about the resources and skills possessed by demolition and disaster response companies that could be made available for widespread disaster response," says Stahr, a consultant with Environmental Resources Management (ERM). "From our work at past disaster sites, we know we can help facilitate

faster response and save lives."

NDA offers First Responders and emergency management organizations and the government agencies that control them with the resources needed to identify the characteristics and capabilities of a qualified demolition contractor. Also at I3R2, Stahr and former NDA Health and Safety Committee chair Jerry Myrick, also with ERM, participated in an industry panel on best practices. The roundtable included representatives from the Restoration Industry Association and the U.S. volunteer recovery sector.

"The message we're promoting is that it's important to pre-qualify supporting members of an emergency management team now, before the next disaster hits," says Stahr.

CSDA 2014-2015 Training Schedule Continues to Grow

Having reached a milestone 4,000 graduates earlier this year, the Concrete Sawing and Drilling Association (CSDA) aims to maintain the momentum of its training program by announcing a comprehensive Fall 2014/Winter 2015 training and certification schedule. The association has planned nine hands-on and classroom courses across the U.S., including introductory, yet comprehensive classes geared toward anyone wishing to expand their knowledge of sawing and drilling basics. There are also Certified Operator courses scheduled, designed for experienced operators looking to gain proficiency in sawing and drilling techniques. As part of its Train More, Save More campaign, the association is offering large discounts to companies that send multiple operators to some of these courses.

Nov. 10-11, 2014	Slab Sawing & Drilling 201 Certification	Clearwater, Fla.
Nov. 12-13, 2014	Wall Sawing 201 Certification	Clearwater, Fla.
Nov. 14-15, 2014	Wire Sawing 201 Certification	Clearwater, Fla.
Feb. 2-3, 2015	Estimating	Las Vegas, Nev.
Feb. 4-5, 2015	Concrete Polishing	Las Vegas, Nev.
Feb. 4-5, 2015	Hand Sawing & Drilling 101	Las Vegas, Nev.

All classes have been scheduled to provide cutting and polishing contractors with choice and flexibility, allowing operators and employees to attend when and where companies can afford to send them. In addition, CSDA has an online training website consisting of 27 courses that are available at www.csdatraining.com. "The purpose of the CSDA Training Program is to provide the industry with structured training given by experts in their field," says CSDA Executive Director Patrick O'Brien. "Since 1995, CSDA instructors have presented the latest sawing, drilling and polishing methods and best practices to more than 4,000 students, increasing their efficiency and maximizing their productivity." CSDA has hands-on, classroom and online courses for every discipline and skill level, allowing contractors to provide operators with superior training.

www.csda.org



DCI's Edwin Peterson receives the NDA's Environmental Award from John Adamo, Jr., Chairman of the NDA Environment Committee.



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