



THE PRO FESSIONAL

The Official Newsletter of the KINSHOFER GROUP

!!!NEW!!!
DEMOLITION AND SORTING GRAB
AND MULTI PURPOSE GRAB
SERIES UP TO 9t

COMPANY NEWS

- Kinshofer acquires Solesbee's
- Kinshofer goes to New Zealand
- Conexpo Las Vegas 2017
- iaf 2017 Railway Show in Germany
- Kinshofer Heads East
- 40 Years Rigter Handelonderneming

PRODUCT NEWS

- New Series: Demolition and Sorting Grabs and Multi Purpose Grabs
- HPXdrive Go Big!
- BRC Foundation Pile Milling Head

Editorial

The KINSHOFER Group - this is the KINSHOFER GmbH with headquarters in Germany and its annexed companies Demarec B.V. in Holland, RF System AB in Sweden, Auger Torque in England and Australia,

Solesbee's in the U.S.A. and Doherty in New Zealand. While KINSHOFER offers a wide range of crane and excavator attachments for almost every task, the subsidiaries are specialized, Demarec e.g. for demolition and recycling tools or RF System for attachments for cable and hose works or such for railway maintenance. Auger Torque offers a wide range of earth drills and trenchers, while Solesbee's is known for excavator thumbs and Doherty for its couplers. Together, the six companies form the KINSHOFER Group and are thus able to provide a comprehensive product range of mechanical and hydraulic attachments for cranes, excavators and other carrying machines - worldwide.

Construction is booming worldwide! 2017 was a very good year and for 2018 the construction industry expects a net growth again: this prospect means more than just stability on a high level! This is truly an important signal for each construction contractor to invest in machinery and attachments when preparing everything in time for the new construction season.

KINSHOFER is a globally leading manufacturer of attachments for loader cranes and is on its way to become one for excavator quality tools, too. Furthermore, innovative attachments for skid steer loaders, telehandlers and fork lifts are in range. Plus huge re-handling clamshell buckets, gigantic scrap shears, demolition tools and ingenious attachments for the railway construction and maintenance.



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Thomas Friedrich, Managing Director

This amazing wideness of our product range is the positive result of our efforts in the development sector, together with the acquisition of renown producers who are committed to the premium quality of their attachments the same way KINSHOFER is. In 2017 two companies were acquired: Doherty and the U.S.-based Solesbee's, well known for their sophisticated attachments for excavators, bulldozers and skidsteers, and especially for their excavator thumbs for buckets. Doherty, of New Zealand and Australia, became part of the Kinshofer Group the end of 2017 and is better known for its ingenious, extremely safe quick couplers. And the Doherty Snaplock+ Coupler is available as Snaplock+ Tilt with integrated tilting device, too.

KINSHOFER has thus now become one of the most complete providers for quick coupler systems. We offer two full quick coupler and bucket portfolios, one compatible to the German „System Lehnhoff“, one to the nordic „S-System“.

Furthermore we supply two pin-to-pin-systems including quick couplers as the CMX matching the newest safety standards. NOX Tiltrotators with NOXPROP controls and TC tilt couplers meet the clients' desires for more agility of the tools - without cylinders.

We are a One-Stop-Shop! If you run a construction company or are in sales and do not want to miss the trend, just come to KINSHOFER: We can grant that you start off in the race perfectly equipped with high quality and reliable attachments. We make efficiency and economy possible. And the success of our customers tells us we are right. Less failure and maintenance time over decades have led to hearing from them again and again: "I cannot afford less quality!"

In this fourth edition of our international newsletter for users and dealers, clients describe their success with some new or already proven attachments in several job reports. Our product range has become so large, that it can satisfy nearly every requirement. We have also listened carefully to the comments on longtime operated attachments and have invested consequently in their development. As always, the reports derive from the most different locations on this planet, because KINSHOFER quality continues to convince everywhere. There is just no alternative for quality!

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01 Company News

REPORT  

KINSHOFER GmbH from Germany and the U.S.A. based company Solesbee's Equipment and Attachments, LLC. (Solesbee's) announced today that they have signed a definite agreement to merge. Under the terms of the agreement Kinshofer has acquired more than 96% of the LLC Units of Solesbee's.

In more than 45 years, Kinshofer has grown to a leading manufacturer of attachments for truck mounted cranes, excavators and skid steer loaders and to the worldwide acting KINSHOFER group. Previous acquisitions of Liftall Inc. (Canada), Demarec B.V. (Holland), RF System AB (Sweden) and the Auger Torque Group (U.K./ Australia/ China) were other important milestones of this development.

The acquisition of Solesbee's is significant for Kinshofer in two ways; first it adds new product segments, such as excavator thumbs, mechanical pulverizers as well as other excavator and skid steer products to Kinshofer's already

KINSHOFER GmbH acquires Solesbee's Equipment and Attachments, LLC.



L-R: Thomas Herrmann (MD Stanwich Partners LLC), Thomas Friedrich (MD Kinshofer Group), Erik Gabrielson (Advokat and Lifco Counsel, Vinge), Steven S. Boeschenstein (MD Stanwich Partners) and François Martin (GM Kinshofer USA)

very comprehensive offering. And secondly, it improves Kinshofer's distribution channel in the United States. But not only that, Kinshofer has now enhanced local manufacturing in the US with its Geor based facility to serve its customers much quicker and with a much larger product range. With this move, Kinshofer further demonstrates its commitment to being a global leader in attachments to the crane and excavator industry.

Solesbee's, a 1993 established family business, puts its focus on the development and marketing of tools and equipment which make carriers such as excavators and skid steer loaders more effective and versatile, particularly important for small and mid-size contracting businesses seeking high utilization of their machinery. With an extremely committed and well educated workforce, Solesbee's will continue to develop and sell its products in North America. In order to meet the current market requirements, Solesbee's and Kinshofer will recruit more staff to ensure a swift and professional market launch of the companies' products within both sales organizations.

Thomas Friedrich, President & CEO of Kinshofer Group, said: "Kinshofer continues its strategy to provide the industry with a "One-Stop-Shop" solution of outstandingly engineered products to increase efficiency and, more importantly, profitability of its customers. The acquisition of Solesbee's was the next step in our approach to be a local manufacturer in North America".





David Jenkins, Co-Owner and President & CEO of Solesbee's, commented: "The concentration of knowledge and competence will form a powerful centre for future developments in which customers can only benefit from. In particular, the combination of both product ranges will create more groundbreaking innovations for the industry. The whole Solesbee's management team, which will stay on in its entirety, is very excited to be part of this mutual future."

Kinshofer's and Solesbee's' employees are working now on the rapid integration to provide customers worldwide with their comprehensive range of products and services. Kinshofer is very pleased that David Jenkins will remain with the company as its CEO.



01 Company News

REPORT  

KINSHOFER GmbH from Germany and the in New Zealand based Doherty Group announced, that they have signed an agreement on December 19, 2017, to merge. Under the terms of this agreement, Kinshofer has acquired 100% of the Doherty Group.

So just shortly after the acquisition of Solesbee's in the USA, Kinshofer is further expanding its product range for excavators and other carrier machines. It is thus adding to its already huge product portfolio.

However, with Doherty there are not only more new products joining the Kinshofer Group, but also additional manufacturing plants in Tauranga (NZ) and Brisbane (AUS) and a further enhanced market prospective on the

Present at the contract signing (L-R): Jeremy Doherty (MD Doherty Group), Thomas Friedrich (MD Kinshofer Group), Stefan Sparwel (Global Product Line Manager Quick Couplers & Buckets, Kinshofer Group) and Bevan Zachan (GM Doherty Group)



KINSHOFER goes to New Zealand with the acquisition of the company Doherty Couplers and Attachments



L-R: Thomas Friedrich (MD Kinshofer Group) and Jeremy Doherty (MD Doherty Group) after signing the contract in New Zealand

other side of the world. Thanks to local presence, customers will be served much quicker and with a much larger product range. With this move, Kinshofer further demonstrates its commitment to being the global leader in attachments to the crane and excavator industry.

Doherty was established in 1996 by Jeremy and Paul Doherty who have over 25 years of experience in all facets of the manufacturing, construction and quarrying industries. They have combined their wealth of industry related engineering experience with new technology to create durable, high-quality attachments for the construction, demolition, quarrying and mining industries.

Thomas Friedrich, President & CEO of Kinshofer Group, said: "Nothing has changed - Kinshofer continues its strategy to provide the industry with a 'One-Stop-Shop' solution and the Doherty Group will bring us one step closer".

Jeremy Doherty, Co-Owner and Managing Director of the Doherty Group, commented: "In Kinshofer we have found the perfect match, which we have worked together with in the past already. Our policy 'do it right the first time and every time' just fits Kinshofer's personal demand to itself. We are excited be part of the Kinshofer family now and we are looking forward to bringing the group to a new level."



The teams of Kinshofer and Doherty are now working on the fast integration to provide customers worldwide with their comprehensive range of products and services.

Kinshofer is happy to have Jeremy Doherty as Managing Director of Doherty Couplers and Attachments.

Welcome to the Kinshofer Group!



DOHERTY
COUPLERS AND ATTACHMENTS
A KINSHOFER COMPANY

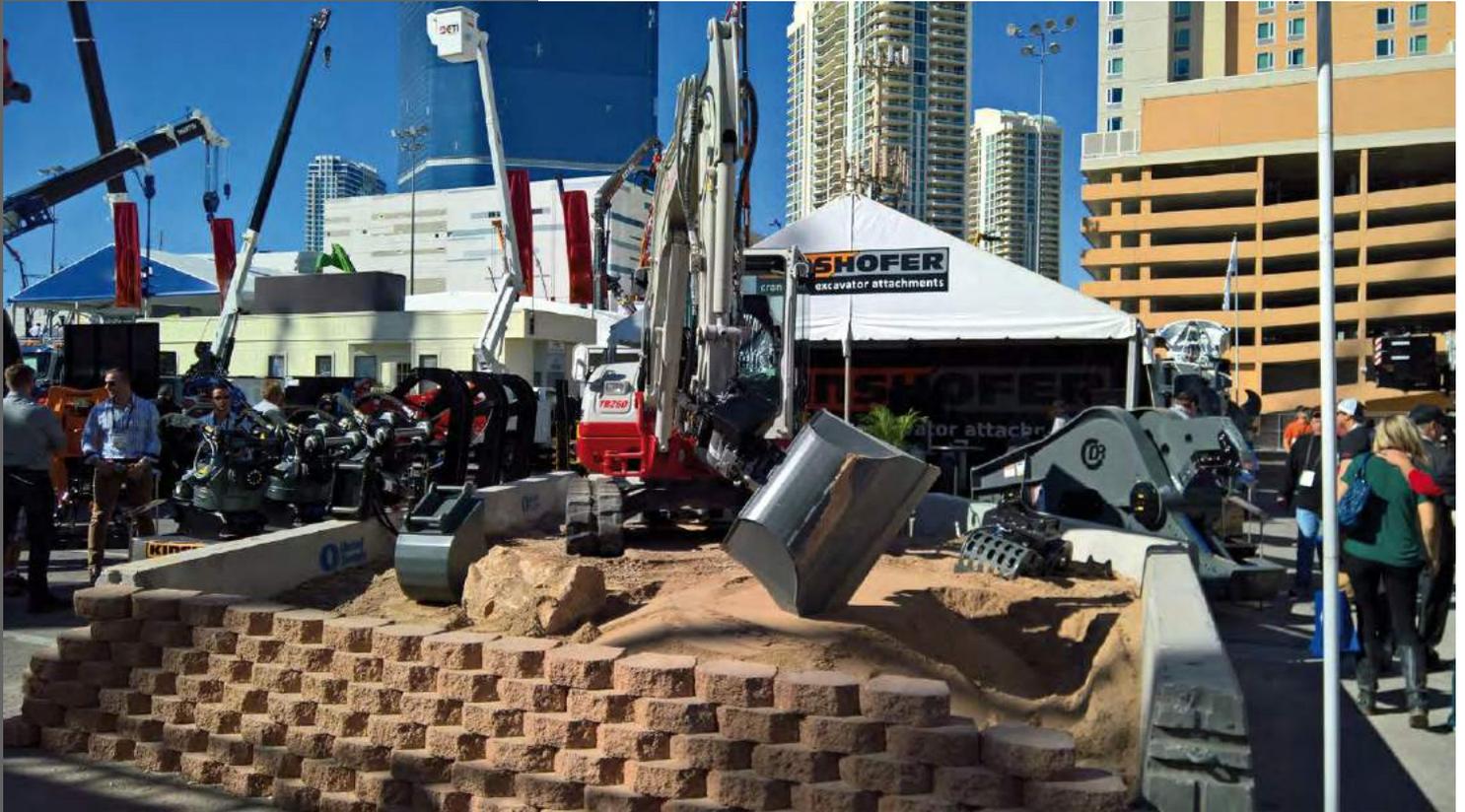


*Two men – one goal on the global market:
Thomas Friedrich and Jeremy Doherty*

01 Company News

SHOW REPORT 

KINSHOFER at Conexpo 2017



The KINSHOFER booth at the open-air ground of Conexpo 2017 in Las Vegas, Nevada

CONEXPO 2017, which took place from March 7 to 11 in Las Vegas, USA, is well known to be THE place to get the ultimate up-close look at the future of construction.

Kinshofer has been an exhibitor in the show several times already. It was a pleasant surprise that the show had grown in all aspects and had steadily brought in a large number of visitors over the course of the 5 day event. About 2,800 exhibitors presented their products on more than 230,000 m².

All in all, over 130,000 visitors from countries all over the world attended the show, ensuring that the international staff on the Kinshofer Group stand were busy the whole time.

Particularly noteworthy was the quality of the visitors and the enthusiasm for Kinshofer's first class attachments for loader cranes and excavators. These attachments are sought after not only by

end users but also by machine manufacturers and dealers who want to expand their product line with top quality products.

One of Kinshofer's top products - the NOX-Tiltrotator - could also be seen in action at the Conexpo at the demonstration area of the booth, alongside of different buckets and other attachments. Also exhibited were the large scrap shear DRS for excavators of up to 90t operating weight, different quick coupling systems, demolition and sorting grabs, earth drills and augers and much more.

During the show, Kinshofer not only expanded long standing friendships with many large OEM suppliers, but also established new relationships with other well known manufacturers.

Kinshofer is already looking forward to the next Conexpo, which will take place in Las Vegas again in March 2020, but before then be sure to visit us in Munich in April 2019 for the original Bauma tradeshow in Germany.

Visit our global website network at
www.kinshofer.com
for more information



The KINSHOFER team of Conexpo 2017 in Las Vegas, Nevada



01 Company News

SHOW REPORT 

KINSHOFER at iaf 2017 Railway Show in Germany



The KINSHOFER booth at the open-air ground of iaf 2017 in Münster, Germany

For the first time Kinshofer exhibited at the iaf International Exhibition for Track Technology 2017 in Münster. The 27th edition of the show attracted thousands of visitors from all over the world. With over 200 exhibitors from more than 20 countries, the iaf is the world's largest international exhibition for track technology.

Over the last years, Kinshofer has developed a completely new product range specialized on the construction and maintenance of railway tracks. From special lifting and handling equipment for rails and sleepers to sleeper layers and changers and ballast tampers - Kinshofer is meanwhile able to offer every tool you need for railway application.

One of Kinshofer's top products - the NOX-Tiltrotator - could also be seen at the iaf show. During the show Kinshofer not only expanded long standing friendships



Also displayed: earth drills with the new tapered auger and the large rail cutter from the Kinshofer Group members Auger Torque and Demarec

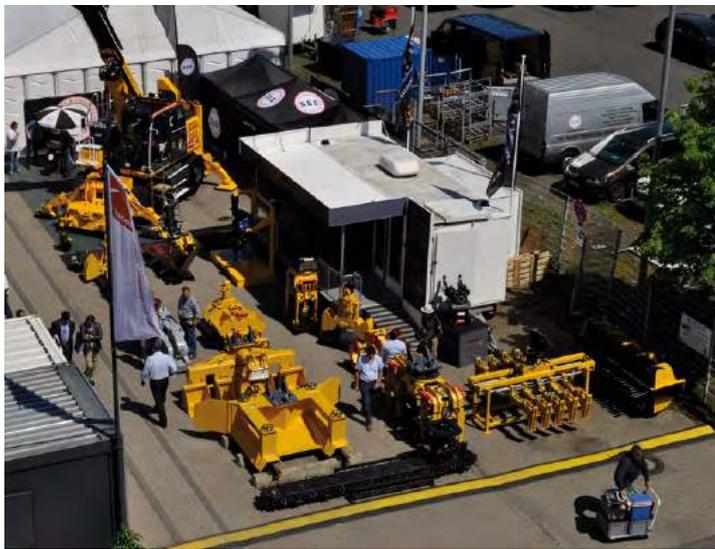
with many large OEM suppliers, but also built up new connections and introduced itself as a new and comprehensive provider of high-quality railway attachments.

Kinshofer expected a lot from its first participation at the iaf show and was not disappointed.

Or to say it with the words of Walter Spindeldreher, manager of the Kinshofer Special Developments department and responsible for the rail product line: "Great weather, great show, great people! Could not have been any better."



The KINSHOFER team of iaf 2017 in Münster, Germany



01 Company News

SHOW REPORT 

Auger Torque and Kinshofer Australia at Diesel, Dirt & Turf 2017 in Australia



The Auger Torque and Kinshofer team at Diesel, Dirt & Turf 2017 in Penrith

The 2017 edition of the Diesel, Dirt & Turf Expo in Penrith (Sydney, Australia) by all accounts has been a resounding success with a large increase in both exhibitor and visitor numbers. This one of a kind event, organized by well-known industry professionals, had a typically Australian relaxed atmosphere, and it seemed more of a celebration of anything that moves dirt rather than a purely sales focused event - although it delivered the latter in droves as well.

Auger Torque this year put in a much larger effort than in 2016 as we anticipated an increase in popularity of the show, and we were happy to have more than double the number of staff members attend over the 3 days. With staff flying in from Germany, Malaysia, the UK, Japan and New Zealand we represented one of the most international teams without a doubt and showed off the fact that we are a truly global enterprise in turn.

We were pleased to see that the decision to have more staff this time around was the correct one, allowing us to take our time with a large number of serious customers wanting to discuss how Auger Torque can make their job easier, more efficient and of course more profitable.

“The business decision to attend in greater numbers and with an improved stand was rewarded, as we experienced an increase in stand visitors, opportunities created and sales generated. In addition, the ability to meet with and network with other exhibitors who all have a vested interest in the success of our industry further solidified our belief that the Diesel Dirt & Turf show plays a vital part in the future success of the equipment industry,” explains James Baird (Managing Director, Auger Torque Australia).

DDT was the perfect platform for the Australasian launch of Auger Torque’s latest hedge trimmer. The new version of this attachment, which was completely redesigned at our engineering headquarters in the UK, can be mounted to a large variety of machines including excavators, backhoes and skidsteer loaders. The skidsteer loader variant in particular received a lot of interest, being extremely versatile with a new mounting frame which is hydraulically adjustable for height, tilt and angle and many other features conceived through

direct customer involvement. Other products making their debut at an Australian expo included our new Alignment Monitor as well as our XHT series of screw-pile drives (up to 250,000Nm of torque) which received an unexpected number of enquiries from within Australia and even more so from earthquake prone New Zealand.

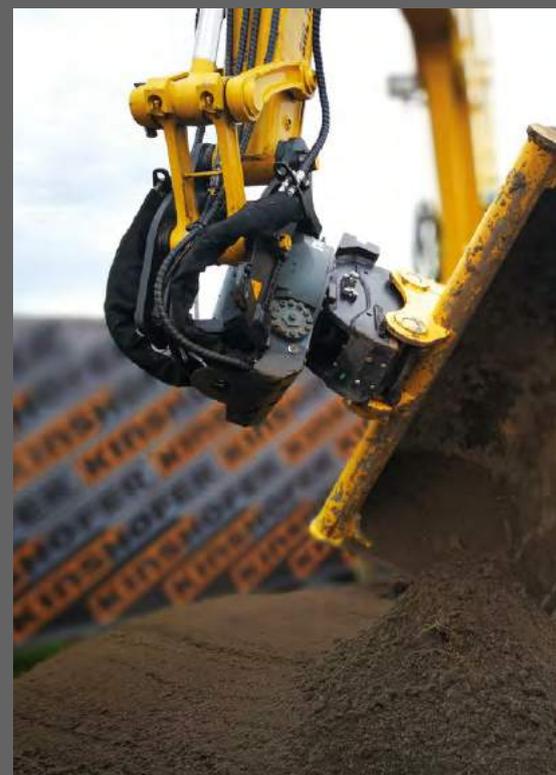
„What an impressive amount of growth DDT has experienced in just 12 months. The show this year had near on double the exhibitors and what seemed to be a substantial increase in visitors, making this expo the perfect place to showcase our latest product additions to serious and ready to buy customers. We found that even with all troops on deck, we still had moments where we were spread thin, and we are already looking forward to DDT 2018. Let the planning begin.” Nathan Parziani (Business Development Manager Auger Torque Australia).

One of the highlights of the show however actually took place away from the public's eyes right after the event closed its gates on the first night of the expo. Nearly all the dealers, distributors, sales staff, marketing personnel and whoever else might be connected to the industry enjoyed some live music, drinks and food while reflecting on the day's work and the high quality and quantity of enquiries experienced by all. Many commented on how refreshing it was to see camaraderie making a comeback in what is a very cliquy and competitive industry – a credit to the organisers desire in wanting to bring the industry closer and bridge old divides.

During the dealer night a number of trophies were given away, including best stand competitions for small, medium and large size stands, as well as the sought after inaugural Australian Earthmoving best stand of the year. It was taken out by Auger Torque's close friends at Norm Engineering, a well deserved honor, as their stand, which looked like an iconic Outback barn, complete with vintage car and gum trees flanking the entrance, stood out in a sea of great looking exhibits.

Auger Torque's own stand managed to snag runner up, which was a great pat on the back for all the hard work each and every staff member, from fabrication, to dispatch, engineering, logistics, marketing and sales had put in while preparing for the expo, and it is something we are very proud of.

We would like to take this opportunity to thank all of the visitors who made the time to come and see us at Diesel, Dirt and Turf 2017, and we are looking forward to working with you in the future through our national dealer and distributor network. Auger Torque prides itself on being a customer-focused company, and we were excited to hear from so many satisfied operators and plant owners complimenting us, as well as our valued distributors for setting the industry standard in service, reliability and efficiency.





Auger Torque and Kinshofer Australia collaborated at this year's booth and perfectly complemented each other at the annual National Diesel, Dirt & Turf show held in Sydney Australia.

The sun was out and the buzz in the air with the NOX a star of the show. Kinshofer Australia had experienced a great overwhelming response to the NOX tiltrotators. Many customers have taken a super-fast liking to the extremely clean and compact design and above all to the cylinderless tilt feature, with smooth CSP or DF control system available.

Most customers were eager to see it in action in the live demo area and to get a sense of how the NOX tiltrotator works. Some dynamic customers fell in love immediately and placed orders shortly after the show.

It was amazing how many people attended the show, with open minds to new technology and advancements in the Australian market. Particularly, they learned about the many advantages of a tiltrotator live and first hand, seeing how it increases productivity by drastically

Brendan Refalo from Kinshofer Australia completely in his element

reducing the carrier machine's movements on the job site and allowing the end user to do more jobs faster, safer and cleaner. Customers also saw here the benefits of the mounted optional Gripper tines on the NOX tiltrotator, which can grasp objects, tilt and turn them endlessly and get them out of the way. This is a massive cost saving because you do not have to leave the cabin and the risk of working near the machine is reduced.

Kinshofer Australia also had a KM 932 barrier lifter on display, lifting a 3 meter concrete barrier in the live demo area with many people amazed with the fast speed and high level of safety the completely mechanical barrier lifter has to offer – and above all how easy it was to use.

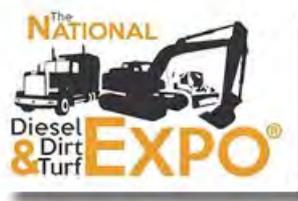
For all participants, this year's Diesel, Dirt & Turf had been - again - a great show and an even greater success!

See you next year in Down Under!





KINSHOFER attachments in Down Under



01 Company News

SHOW REPORT 

Wet – Wetter – Plantworx 2017



The Auger Torque and Kinshofer team at Plantworx 2017

The UK's live showcase event for construction professionals interested in construction equipment, plant, tools and services; highlighting new construction equipment, on-site services, alongside live machine and tool demonstrations – that is the Plantworx show in the UK.

And, of course, Auger Torque and Kinshofer could not miss that event amongst the other about 400 exhibitors. Neither rain nor muddy ground could dampen the mood of the participants during this great 3-days show.

Customers and other interested parties were not only informed about the statically displayed attachments for truck cranes and excavators, but could also watch the cylinderless NOX tiltrotator in action with different tools - from simple pallet fork via bucket to hydraulic and also cylinderless demolition and sorting grab with HPXdrive.

We are already looking forward to the next show and hope to see you there again!





The Kinshofer-Auger Torque demo area at Plantworx



01 Company News

REPORT 

Auger Torque Middle East Launch

World leading earthmoving attachment manufacturer and engineering solutions business Auger Torque Europe Ltd will announce the opening of its operational headquarters, Auger Torque Middle East, in the UAE following a successful exclusive distribution agreement of its equipment by the region's leading construction company, United Motors Heavy Equipment. United Motors Heavy Equipment, part of the acclaimed Darwish Bin Ahmed and Sons Group, is one of the UAE's largest business conglomerates.

The official launch on 25th April 2017, to be held at the Saif bin Darwish Headquarters in Abu Dhabi, provides the launch pad for Auger Torque's regional roll out and development of the dynamic Middle East region. Invited guests and VIPs include key dignitaries from the British Embassy, UK Department of International Trade, United Motors key management members and customers across the region. The event will include technical details of the products and live demonstrations of the equipment to showcase its capabilities and deployment of versatile solutions on various attachments. Additionally, the UAE launch heralds an ambitious expansion strategy that has earmarked the development of customer relationships across its priority markets in Oman, Kingdom of Saudi Arabia (KSA), Kuwait and the other leading GCC (Gulf Cooperation Council) nations to support Auger Torque Middle East's business objectives in providing improved productivity and reducing capital purchase through a streamlined supply chain and delivery process for clients.

Zaid Rassool, General Manager of Auger Torque ME, will be leading the programme in the priority region: "Auger Torque is a company built on delivering the best service and advanced engineering products to a global customer base. Our business model is formed around a customer centric approach bringing innovation and technology to the industry and improving productivity, whilst reducing capital purchase. Our launch in the Middle East and strategic partnership with United Motors expands our footprint and allows us to maintain a presence on the ground, cementing key relationships within the UAE and beyond."

Khalifa Saif Darwish ALKetbi, Managing Director of Darwish Bin Ahmed and Sons Group, commented on the news: "We're proud of the partnership with Auger Torque as our supplier of choice within the Middle East for state-of-the-art construction projects. Their bespoke customer service and highly engineered products proven by advanced western technologies set them apart to deliver solutions to the highest standards."

The launch follows successful demonstrations of Auger Torque's earthmoving attachments at The Big 5 International Building and Construction show at the Dubai World Trade Centre on 21-24 November 2016. Demos to customers and detailed interactions to ascertain feedback on the introduction of these types of products into the market were conducted prior to the launch.



KINSHOFER Heading East



Tradicia K official Kinshofer-dealer for Russia

For some time already, Kinshofer has been represented in Russia by the company Tradicia K, based in Moscow, Russia. From there, especially large demolition shears are delivered to the customers throughout the country.

Tradicia K was founded in 1995 and now has a sales office as well as a large warehouse in Moscow. The company is not only marketing and selling Kinshofer products in Russia, but is also caring for all the customers' needs for spare parts and services - of course always with the support of the German Kinshofer headquarters in Waakirchen, Germany.

Russia is renownedly a huge country that is continuously changing and developing. There is a huge market for demolition and recycling tools and thanks to Tradicia K, the high-quality products from Kinshofer are now an inherent part on the Russian market, seen on many demolition and construction sites.



KINSHOFER DSP-30 pulverizing demolition debris

02 Reports

OPEN DAY EVENT 

Rigter Handelsonderneming B.V. Celebrates the 40th Anniversary with an Open Day Event

To celebrate the 40th anniversary of Rigter Handelsonderneming B.V. in the Netherlands properly, Gerard Rigter, director and heart of Rigter Handelsonderneming, opened the doors of his company to clients and interested parties! The whole Rigter family was there: Coby Rigter welcomed all guests warmly and always took care, that everybody was always well supplied with food and beverages, and Kees Rigter - the next director generation - talked and discussed with the visitors, answering every question about excavators and attachments. And there was a lot to see inside and outside the halls of the property.

Different excavator manufacturers and dealers had provided the Rigtters with new excavators to properly show the Kinshofer and Demarec attachments he had on display: from small selector grabs up to a giant scrap shear up to 90t or a huge orange peel grab.

Many more attachments could be seen on the grounds and there was always at least one Rigter around to answer every potential question.

At night, a band made for the right atmosphere in the huge tent, in which the guests could sit and chat with Gerard Rigter. Everybody felt warmly welcome by this great family, who has such an interesting past and - for sure - future!

The last 40 years that were filled with farming, animals, Circus Krone, Kinshofer and much more, were compiled in an anniversary magazine, that everyone could take home as a souvenir.

From all of us from the Kinshofer Group:
Congratulations for 40 successful years
Rigter Handelsonderneming!!!
And thanks a lot for the invitation to a great event!
We are looking forward to the next 40 years!



Two generations of Rigter: Gerard (left) and his son Kees Rigter



02 Reports

JOB REPORT

TR14NOX for Lefebvre & Benoit in Québec

In May 2017, the side banks of highway 440 near exit 31 towards Montée Saint-François had to be cleared from scrub and mud in order to ensure drainage. Lefebvre & Benoit from Laval, Québec, were awarded the contract.

The drainage ditches between the highway and adjacent streets and buildings not only had to be cleared, but also put back in shape with gently slanting slopes - the perfect challenge for the KINSHOFER TR14NOX Tiltrotator with 360° rotation and 2 x 50° tilt angle.

This cylinderless solution from KINSHOFER (headquartered in Germany) was tested and evaluated by the operator.

"I had a four hours training with the NOX, but that was enough for me", the operator tells us. "I have been working with the tiltrotator for one week now and I am impressed", he adds.

"The advantages for me are clear: much less travel, and it gives easy access to restricted areas. Normally to clean this ditch, I need about a week since I have to remove everything around, and it only took me two days with the NOX!" he smiles.

Thanks to this universal joint, the excavator has to be repositioned much less, contributing to time savings and reducing risks.

"Compared to the competitors, there are just less maintenance costs thanks to no cylinders, and the width of the tiltrotator is also reduced. For functionality, mobility and general harmony I am giving the NOX 10 out of 10 points."



Technical Details TR14NOX CSP Direct Mount / S60

Operating weight:	10 - 14 t / 22,000 - 30,800 lbs
Rotation:	360°
Rotation speed:	8.5 RPM 45 l/min / 11.89 GPM
Tilt angle:	2 x 50°
Tilt torque:	26 kNm / 19,175 ft.lbs

TR14NOX for Rosedale Construction and Landscaping in Ontario

Also in May 2017, the natural beach area in front of an idyllic estate close to Kirkfield, Ontario/Canada, had to be paved and fixed. Rosedale Construction and Landscaping from Kirkfield was awarded the contract.

The beach front had to be levelled and prepared first with a special grading bucket, then a timber grab was used to position large curbstones in a row to fix the beach front.

Both tools were attached to a KINSHOFER TR14NOX Tiltrotator, directly mounted to the carrier machine and picking up the attachments with a S60 quick coupler.

This cylinderless solution from KINSHOFER (headquartered in Germany) was tested and evaluated by the operator.

„It took me about two to three weeks to get used to working with this tiltrotator. I haven't worked with one before, but I can still say that this cylinderless and compact design is an advantage“, the operator tells us. „It is fast and strong and in the last three months that I have been working with the NOX, I can see about 25% time savings. I am still using a co-worker, but the whole job is done so much faster.“

Thanks to this universal joint, the excavator has to be repositioned much less, contributing to time savings and reducing risks.

„I only need to move the excavator when the job is too far away to reach or when I need to change my work tools. I had seen videos of the NOX and I really like the cylinderless solution, because tighter trenching is possible, and there are less disturbing parts and less greasing. My best buddy at the industry uses convenient cylinder tiltrotators and he tried to convince me into these, but I didn't like the cylinder.“

When asked about the control system, the operator added „overall a perfect combination, fast and strong but sensitive at the same time by simply moving the rollers you have the right position. Really cool!“

Rosedale Construction had worked with a 2nd generation NOX Tiltrotator in May, where the oil flow was limited by the oil passage and the gripper. But using the latest NOX version, they have found it to have perfect performance.

Further Rosedal's employee praises: „I am absolutely satisfied with the service from Kinshofer and also from my dealer.“



JOB REPORT



02 Reports

JOB REPORT

Katana Foundations in New Zealand Counts on Auger Torque Earth Drill 10,000

Not far away from Auckland, New Zealand, in a somewhat non-descript building, you can find Katana Foundations NZ, a screw piling business set up by two families, who are providing innovative techniques to the way buildings begin life.

Katana's beginnings were formed when Roger Balzer and Shane Campbell (founders and owners) were working on a job in Mangere, South Auckland and encountered difficulties.

"We were working on sewer pipes five meters down and trying to dig a hole out, then put a cage in, so we could install timber poles, which was a big negative expense," Roger says.

Not satisfied with the efficiency of the job and convinced screw piles were the answer, investigations found a supplier in the country, who sourced them out of the US.

"They were good gear but hugely expensive," Roger says.

Intent on finding a cost-effective solution, Roger and Shane's research eventually led them to Australia, home of the Kinshofer Group member Auger Torque.

"We were doing steel fabrication then and an associate we were talking to led us to an Australian company that designed screw piles and it just grew from that, with us obtaining the rights to the New Zealand and South Pacific regions," Roger says.

However, New Zealand ground conditions differ substantially to those in Australia. The design engineers then constructed models to get optimal strength for New Zealand conditions. With all that work now behind them, Katana says they have screw pile solutions to suit virtually any situation.



Roger Balzer (left) and Shane Campbell from Katana Foundations NZ

All of these efforts would be a naught if it wasn't for the right equipment to get the screw piles into the earth. So Katana followed the lead of their Australian counterparts and began to use Auger Torque drill heads mounted to their carriers machines. "We didn't see the benefit in trying to reinvent the wheel," Shane says. "In Australia they've been using this combination for some time and it made more sense for us to follow their lead."

Shane goes on to say the power the excavator and Auger Torque Earth Drill 10,000 drill head provide is more than adequate when sinking screw piles, usually around three meters into the ground.

The carrier machine is especially set up to provide dual hydraulic flow when required, or four-wheel drive, as Shane describes it; this being used to drive the screw piles further into the ground.

"Sometimes we have to go deeper or not as deep. It all depends on the conditions of the ground. The drill head is overspeeded for standardized stuff, but with screw piles, you need that torque," he says.

However, ground conditions are not guessed when screw piles are placed. The machine combo is set up with a gauge that gives an accurate measurement of when the correct pressure is being exerted on the screw pile. If the correct pressure hasn't been reached, then extensions are added until the gauge hits the right mark, between 1200 and 1500 psi.

"This enables us to provide engineers with data readings for their calculations and you can't get that with a timber pile. There's no guesswork here. Everything we place is exact and there are no building inspections at all, as we do the lot," Shane says. "We come in one day, do the

install, and sign off, and then the next day, the builders can start with the sub-floor. It's a 60% time-saving, and we can even pier in the rain." Currently, the business is set up for the North Island, with a plan for the next 12 months to expand into the South Island.

Shane says, if suitable work presented itself sooner then, Katana would reassess the time frame.

Even though it's been only around 12 months since the business was established, Roger says they will soon be looking at adding additional equipment.

"We are getting an excellent run out of our choice of machinery. We're working with quality gear and the backup gives us a lot of confidence that if we do strike a problem, help is only a phone call away," he says.



02 Reports

OPEN DAY EVENT

Despite rainy, stormy weather, the NOX OPEN DAYS took place in Cheltenham, UK, at the location of the Kinshofer Group member Auger Torque Europe.

Kinshofer UK National Sales Manager for Excavators Andrew Little in the interview about the NOX OPEN DAYS:

1. Why did you put on the Kinshofer NOX open days?

The aim of the NOX Open Days were two-fold: to give potential customers the chance to see the NOX up-close, working with a range of attachments – but also to let them hear the benefits from the horse's mouth, the people that matter, the NOX owner operators – rather than through me or my sales staff. We believe there's a lot of interest out there for a ram-less product and we felt the best way to demonstrate the unique benefits of the NOX, was to let people see and hear for themselves.

2. Where did it take place?

It took place at our subsidiary company's site, Auger Torque Europe, near Cheltenham. It provided the perfect facility to safely host large machinery, with plenty of space to showcase a wide range of our products, as well as product ranges from Auger Torque. At the same time, it gave us the option of laying on catering and generally networking in a relaxed environment.

3. What did the open days involve?

A wide variety of on-site activity! But the focus was really on two owner operators and their expertise in handling the NOX and who were willing to share their considerable knowledge and experience. We were able to secure Steve Bennett from groundworks specialists Utcheter Plant, based at Uttoxeter in Staffordshire, who



runs a CAT 432 BHL. And Shaun Price from Earthworx UK based in North Devon, who runs a JS130. Both guys are involved in general contracting, groundworks and landscaping and have really enjoyed the difference the NOX has made to their businesses.

Steve had a TR10 fitted to his backhoe loader back in June and has still been able to use his existing set of attachments, as the NOX is so adaptable in terms of the range of manufacturers it's able to accept. He carries out a lot of work in confined spaces, and so finds the cylinderless design of the NOX such an advantage as it's particularly well suited to operating in narrow trenches or where access is difficult. He's also a big fan of his specialist Gripper cassette and GAF8 fork set as they've enabled him to take on a much wider range of jobs. Visitors to the Open Day were able to see all this in action at close quarters, with each attachment being put to the test through a variety of groundworks based tasks.



Similarly, Shaun from Earthworx UK had a TR14 fitted to his machine and just seems to be going from strength to strength. Fortunately for us, he researched the market heavily before deciding to buy a tiltrotator, so we're obviously delighted he opted for a NOX at the end of the day. His productivity has seen significant improvements and we hear he's very happy with the way the NOX has been set up and tailored to suit his individual needs.

In fact, installation and after care is another important reason why the NOX seems to be so well received. We've called on the services of Summit Equipment, who are premium installation specialists, with a wealth of experience in all things hydraulic. They also attended the Open Day and were on hand to offer technical advice, guiding people through typical installation and set-up procedures, personalisation

and advising them on general maintenance.

Alongside this, we had additional support from Franz Jaud, the Global Product Manager for the NOX from Kinshofer Group in Germany and Marko Ojala, Service Manager from Kinshofer Finland, who further supported customer questions with specialist technical and application advice.

4. Who attended? How many people?

Plenty of local interest and potential customers coming in from Wales, the Midlands and across the South West – not to mention a contingent from Kent who certainly had the longest trek. We also wanted a family day for staff on the Saturday, which proved a great way of getting people who work behind the scenes at both companies to interact with the products and discover more about what they actually do. All while sampling the delights from the burger van of course...!

5. What was the reaction to the open days?

Delighted with the reaction we've had across the board. It takes a lot of effort to put on events such as this and it's made all the more worthwhile when you see the reaction from potential and existing customers who see the benefits, appreciate the innovations we've made and show a genuine passion for the product. A picture tells a thousand words – but an open day answers a million queries!

6. What feedback have you received on the back of the open days?

Very encouraging, plenty of work now to follow up on the interest that's been generated.

7. How do you think the Kinshofer NOX has been received in the UK since launch?

Judging by the reaction we've had so far it's been incredibly positive, especially as the concept has been in the making for some time - after a successful development phase over the last year or so. We know the market is a competitive one, with plenty of quality and choice out there – so introducing another tiltrotator to the UK means bringing something new to the table. The benefit of no cylinders and a clean design that won't get caught or break when you're digging a trench has given us an interested audience to engage with straight away. Add in the performance aspects, the versatility, the durable construction, the NOX Prop joystick control system etc. and you begin to see why the level of interest is what it is.

8. What are the benefits of this kind of event? Will do you more in the future?

It did take a lot of planning to successfully host the event, but the positive feedback has made it well worth the effort. We intend to turn this into an annual event, so people will look forward to seeing regular innovations from us. We also want to hold an open day for our friends further north, as we've had a number of requests from people who weren't able to travel down this time round, so that's another thing to look out for next year.

THANKS



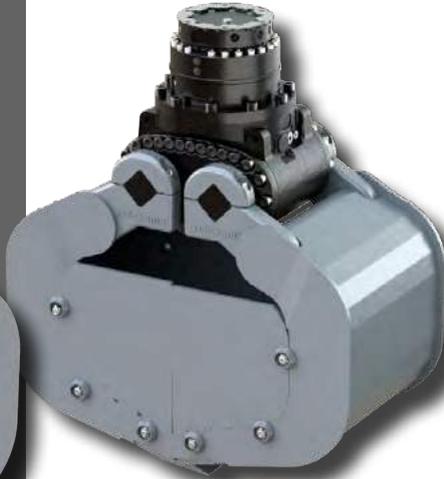
Left: Andrew Little, UK National Sales Manager



03 Product Info

NEWS 

New Demolition and Sorting Grab and Multi Purpose Grab Series up to 9t



MAIN BENEFITS

- sophisticated shell design and kinematics for loading, sorting, digging and demolition operations
- rigid mount for precise positioning
- compact design without protruding elements
- each size available with or without *HPXdrive*
- low maintenance, easy shell exchange, no grease points, cylinders or short hoses with the *HPXdrive*
- including robust 10t or 15t rotator with low height and 360° endless rotation
- integrated non-return valves
- exchangeable teeth or cutting edges



The basic attachment can be equipped with different accessories:

- side plates to handle small grained bulk material like sand and gravel
- adapter with compression rails to handle and position for example curbstones without damaging them





KINSHOFER

Setting *THE* Standard for Innovative Grab Technology for more than 45 years!



Demolition and Sorting Grabs up to 9t Operating Weight



D04HPX
2 - 4 METRIC TONS

Machine weight:
2,000 - 4,000 kg / 4,400 - 8,800 lb



D06HPX
4 - 6 METRIC TONS

Machine weight:
4,000 - 6,000 kg / 8,800 - 13,200 lb



D09HPX
6 - 9 METRIC TONS

Machine weight:
6,000 - 9,000 kg / 13,200 - 19,800 lb



D04H
2 - 4 METRIC TONS

Machine weight:
2,000 - 4,000 kg / 4,400 - 8,800 lb



D06H
4 - 6 METRIC TONS

Machine weight:
4,000 - 6,000 kg / 8,800 - 13,200 lb



D09H
6 - 9 METRIC TONS

Machine weight:
6,000 - 9,000 kg / 13,200 - 19,800 lb

Multi Purpose Grabs up to 9t Operating Weight



A04HPX
2 - 4 METRIC TONS

Machine weight:
2,000 - 4,000 kg / 4,400 - 8,800 lb



A06HPX
4 - 6 METRIC TONS

Machine weight:
4,000 - 6,000 kg / 8,800 - 13,200 lb



A09HPX
6 - 9 METRIC TONS

Machine weight:
6,000 - 9,000 kg / 13,200 - 19,800 lb



A04H
2 - 4 METRIC TONS

Machine weight:
2,000 - 4,000 kg / 4,400 - 8,800 lb



A06H
4 - 6 METRIC TONS

Machine weight:
4,000 - 6,000 kg / 8,800 - 13,200 lb



A09H
6 - 9 METRIC TONS

Machine weight:
6,000 - 9,000 kg / 13,200 - 19,800 lb

03 Product Info

NEWS 

HPXdrive Going Big!



The hydraulic drive unit **HPXdrive**, characterized by its constant closing force, is optimally suited for daily operations in general construction, civil engineering and landscaping – and now also for material handling. Thanks to its constant closing force, the **HPXdrive** is ideal for difficult tasks.

In contrast to conventional hydraulic grabs, with the **HPXdrive** up to 40t / 88000 lbs the torque is generated by two pistons, which run opposed and have four helix threads. The force is delivered to two shafts, on which the shells are mounted. These advantages of the **HPXdrive** - technology provide an extended service life and higher efficiency.

The torsion-resistant shells feature an optimal loading due to the high volume and precise positioning is provided by the integrated rotation with sturdy slewing ring and sealed swivel and bevel.

Also available as version with closed shells



VAST LIFESPAN EXTENSION COMPARED TO CONVENTIONAL CYLINDER GRABS AT EXTREMELY LOW COST OF OWNERSHIP

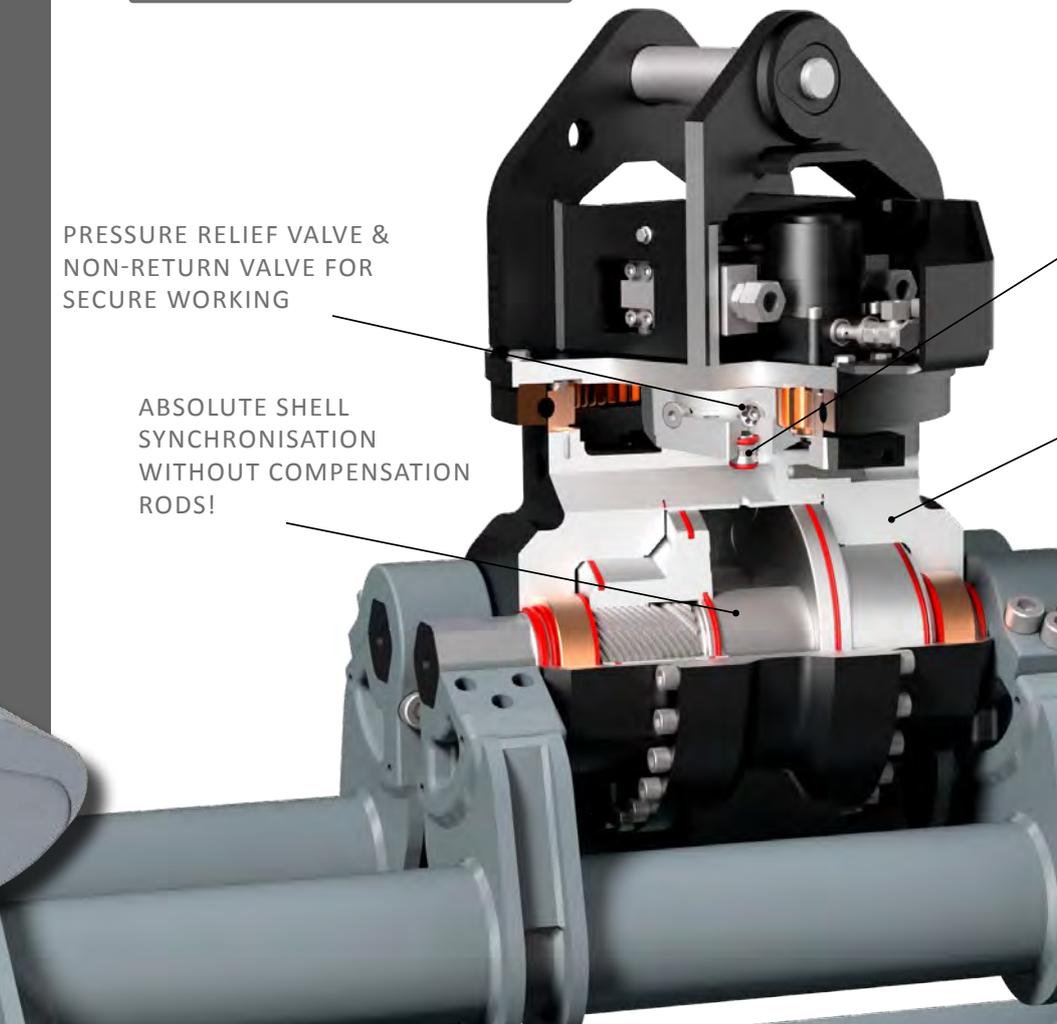
CONSTANT CLOSING FORCE DURING THE COMPLETE CLOSING CYCLE

NO PROTRUDING COMPONENTS

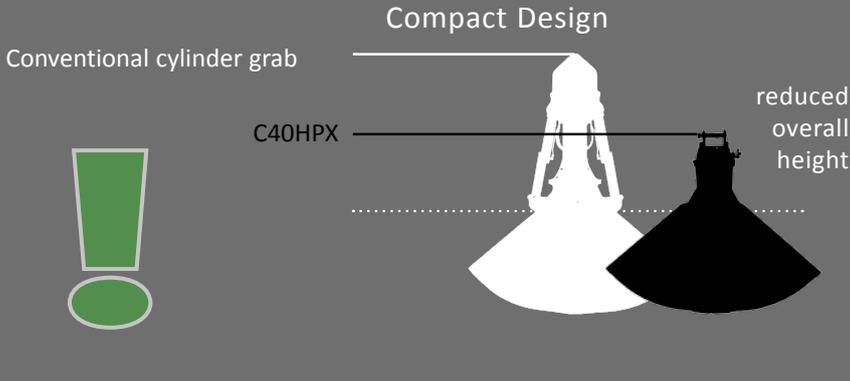
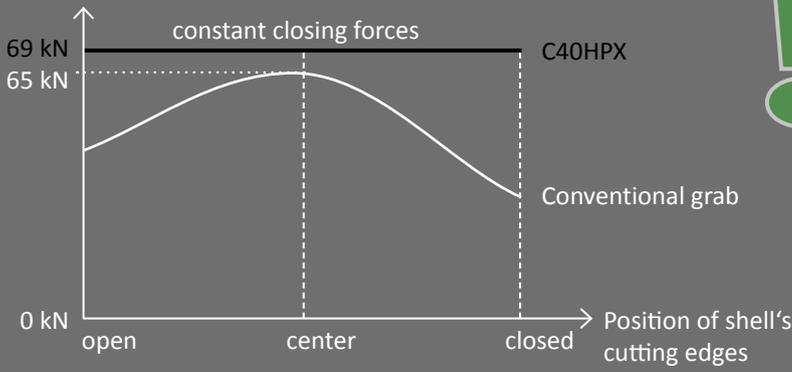
LOW MAINTENANCE

PRESSURE RELIEF VALVE & NON-RETURN VALVE FOR SECURE WORKING

ABSOLUTE SHELL SYNCHRONISATION WITHOUT COMPENSATION RODS!



Comparison of Closing Forces in kN



HOMEMADE BY KINSHOFER!
WE DEVELOP AND PRODUCE EVERYTHING IN-HOUSE –
FROM ROTATOR TO DRIVE UNIT AND GRAB!

NO GREASE POINTS AT THE HPXdrive!



ROTATION WITH
 DIRECT CONNECTION
 TO THE **HPXdrive**

EASY SHELL EXCHANGE



OPTIMAL WEIGHT &
 COMPACT DESIGN

The bucket shells are bolted to the shafts and therefore easy to replace by another set.

There are different shell versions available for the re-handling clamshell buckets that can easily be interchanged using only one **HPXdrive** unit: change between different opening ranges and volumes, with open or closed shells - always adjusted to your task!



03 Product Info

NEWS 

KINSHOFER Now Exclusive Dealer for BRC Foundation Pile Milling Heads from the Swiss Company Baurent Central

Nobody wants to see this:



And no one has to, because there is the perfect remedy to avoid such thing – thanks to the BRC Foundation Pile Milling Head, foundation piles can now be brought to the desired level without all the hassles of previous methods:

- no spalling of the pile head, especially on the pile edge
- no fissures and thus no risk of corrosion, no reduction of the pile head surface and no reduced load capacity
- no bent steel reinforcement bars

With the BRC you will get the result below seen – the perfect basis for a strong foundation!



The challenges faced when a perfect pile head is required are manifold! First, the surface tensions must be broken without damage to the surrounding area. This is often done by hand, which is tiring, the working position harmful due to high dust exposure, and there is a high risk of injury to the worker.

The BRC milling head achieves the same or even better results during the normal work process without all the above risks. It delivers a precisely defined pile height and the risk of damaging the steel reinforcement bars is kept to a minimum.

The next step is the leveling of the pile at the desired level. Excavators and hydraulic breakers are not suitable for such precise work, and result in loss of quality.

Chiseling by hand provides the necessary precision, but is tiring and harmful due to high dust and noise exposure for the worker

Working with the BRC Foundation Pile Milling Head

The BRC Foundation Pile Milling Head consists of a 30,000MAX earth drill – made by Auger Torque, a member of the KINSHOFER Group – an intermediate link, and a basic carrier that can be equipped with different inside and outside milling teeth. Optionally, a water line can be added to minimize the dust development.

The BRC is mounted to an hydraulic excavator and there is no need for manual work during the removing process.

The milling head first breaks the surface tension inside and outside of the pile without damaging the pile and the steel reinforcements.

The inner milling head mills the concrete inside the reinforcement ring up to a depth of 1650mm, and the outer milling head mills the outside of the ring.

After the milling process, the concrete ring with intact reinforcements remains.

The concrete can now be broken from in between the reinforcements with a concrete shear.

The result is a reinforced concrete pile with undamaged and clean connection reinforcements for further construction process.

Working in narrow and deep wells is also no problem with the BRC as all the work is done "from above".

The BRC saves time and money and a cost-intensive and tedious finishing process as before the BRC is no longer necessary.

*KINSHOFER exclusive dealer for the BRC worldwide**

KINSHOFER is always looking for innovative new developments like the BRC and has now become the exclusive dealer for BRC milling head worldwide, except Switzerland, where the developer of the patented BRC – Baurent Central – is headquartered since its founding year 2001.



KINSHOFER is looking forward to a good and prosperous collaboration with Baurent Central in the future!



* except Switzerland

NOX TILTROTATOR

MAIN BENEFITS:

! REDUCTION

Reduces manpower as well as equipment required on the job site as the NOX transforms your excavator into a real multifunctional attachment rack.

! LESS COST

The job can be done more quickly and without any additional help e.g. when handling pallets. This allows for an efficient and cost saving way to work. Safety on the job site is also improved thanks to less machine repositioning on the job site.

! ECONOMY

1/4 of the usual working time can be saved, economizing fuel and staff costs and minimizing tool wear.

! MORE TURNOVER

Due to the saved time (approx. 25%) a normally unrentable work can be done or you can start a new task earlier.

The NOX-Tiltrotator by KINSHOFER is one of the most advanced tools for excavators with 3t up to 25t operating weight. A 360° endless rotation and tilting angles of up to 2 x 55° make it a universal joint.

This cylinderless solution features a very compact design with a narrow width and without any protruding parts.

The hydraulics are integrated into the solid cast housing and the entire installation is easy.

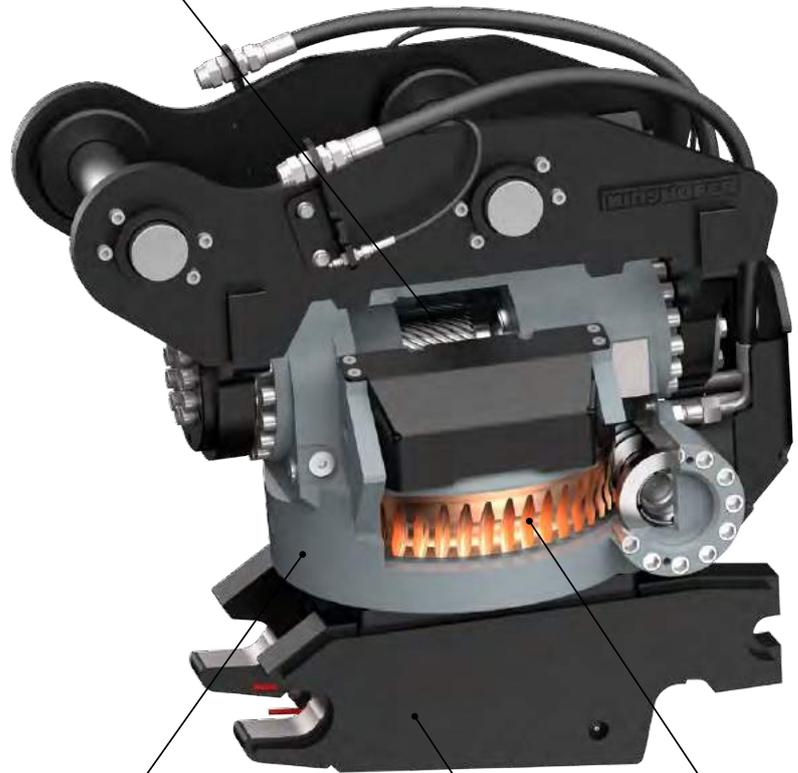
The patented tilting function is provided by the elliptic piston design with only one thread. There is the option to attach a wide range of tools that require a high oil flow and a high pressure.

Option: electrical swivel for the use of 2D/3D excavating systems and extra safety requiring couplers.

ELLIPTIC ROTARY ACTUATOR

A very low designed drive unit, featuring no hydraulic cylinders, ensures an extremely compact design. The tilting angle has been designed larger to provide more flexibility!

Closed system - low risk of damage - constant tilting force!



CAST BODY

High strength of body due to special alloy cast material guarantees a long service life even in toughest applications.

QUICK COUPLER

The NOX-Tiltrotator can be fitted with every established quick coupler system on the market.

WORM DRIVE

The worm gear unit runs in its own lubricant. Low maintenance costs.

CONTROL SYSTEMS



NOXPROP-Control



DF4-Control

CONTROL SYSTEMS

The suitable KINSHOFER smooth control provides more safety and precision. Operators can now control the actions of their NOX-Tiltrotator with two joysticks. Quick coupler and attached tools are also operated comfortably and effectively by means of the smart NOXPROP control system. A separate display module is included. You can configure your control system with the new KINSHOFER configurator program.



X-LOCK COUPLER

MAIN BENEFITS:

INSTANT

The X-LOCK Safety Knuckle instantly engages onto the front pin without the need of any operator command.

INDEPENDENT

The X-LOCK Safety Knuckle gets activated automatically – regardless of the operator controlled self-adjusting main locking wedge status.

INNOVATIVE

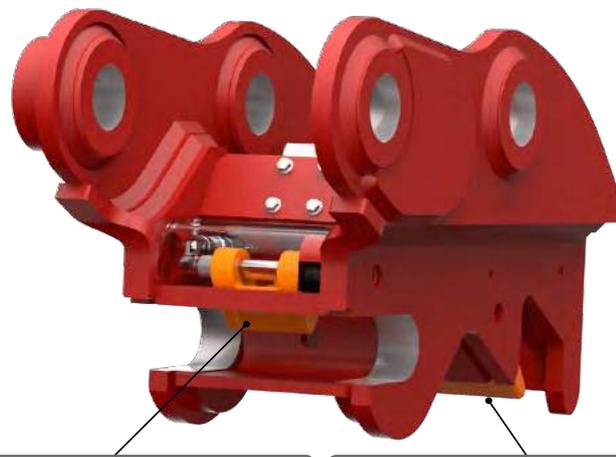
After the X-LOCK is uncoupled from the attachment and the operator's action is delayed, the safety knuckle will return to the safe position.

COMPLIANT

The X-LOCK features an indicator ensuring the operator that the quick coupler is correctly locked onto the attachment. It complies with the safety standard for quick couplers EN 474-1 and upcoming ISO 13031.

The KINSHOFER X-LOCK Quick Coupler provides a safe exchange of attachments. After the operator's intended release of the safety knuckle, the attachment can be unlocked completely from the X-LOCK Quick Coupler. To retract the safety knuckle, the operator manually activates the switch, thus opening for 5 to 12 seconds (adjustable) to uncouple the attachment. The wedge locking principle of the self-locking wedge provides a 2 ½ fold locking force compared to a pendular jaw quick coupler. Furthermore, the constantly applied working pressure continuously re-adjusts the wedge. It guarantees the firm positioning of both pins against the quick coupler, additionally minimizing the wear in the locking area of your quick coupler.

Though as classified as a wedge style coupler meaning a mechanical lock is not required, the X-LOCK features the redundant RearLock safety device that ensures the wedge does not retract in the case of hydraulic failure.



X-LOCK SAFETY KNUCKLE

The safety knuckle engages immediately and automatically onto the front pin using a 'Patent-Pending' design that can only be released by the operator.

SELF-ADJUSTING WEDGE

Integral with the solenoid operated directional control valve are 2 pressure relief valves set to: locking pressure – 120 bar and unlocking pressure – 240 bar. These ensure that the hydraulic circuit is not over-pressurized.

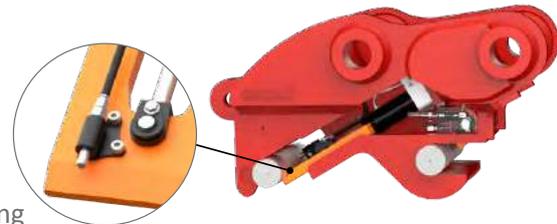
Two options of visual locking indication available

ELECTRONIC SAFETY

ENGAGEMENT SENSOR

Regardless of the type of attachment that is connected, the lock indication LED at the control unit becomes green and the warning buzzer stops, ensuring that the rear pin is connected correctly -- SAFE!

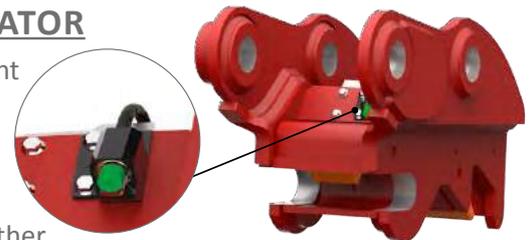
If the red LED at the control unit keeps flashing and the buzzer keeps warning, the wedge has not captured the back pin correctly -- UNSAFE!
Meets EN474-1 and upcoming ISO 13031 requirements.



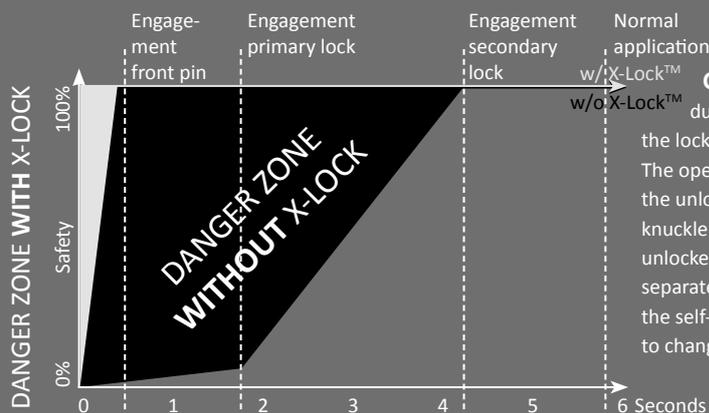
MECHANIC SAFETY INDICATOR

Regardless of the type of attachment that is connected, the lock indication, when green, ensures, that the rear pin is connected correctly -- SAFE!

If no green plug is showing, then either the wedge is not extended fully or it has not captured the back pin -- UNSAFE!
Meets EN474-1 and upcoming ISO 13031 requirements.



If the excavator is already equipped with an installation kit for hydraulic quick couplers, a mechanical safety indicator can be offered as well.



GREATEST SAFETY

due to step-by-step control of the locking and unlocking function. The operator has to command the unlocking of the safety knuckle after having unlocked – upon separate command – the self-adjusting wedge to change the attachment.



03 Product Info

CUSTOM UNITS 

Giant Re-handling Clamshell Bucket

Technical Data:

C100VHD (up to 100t / 220,000 lbs)
Volume: 7,000l / 9.16 c.y.
Opening max.: 3,900 mm / 153.5 in
Width: 2,200 mm / 86.6 in
Height: 3,475 mm / 136.8 in
Self weight: 5,200 kg / 11,440 lbs
Load capacity: 12t / 26,400 lbs
Operating pressure grab:
350 bar / 5,040 psi
Operating pressure rotation:
140 bar / 2016 psi
Closing force: 150 kN / 33,000 lbf

The new C100VHD is a giant even compared to the already huge C40VHD and C60VHD re-handling clamshell buckets from KINSHOFER. Four vertical cylinders provide for a high closing force and are equipped with piston rod protections.

Thanks to the highly wear-resistant shells with 7,000 litres / 9.16 c.y. volume capacity, any large vessel transporting bulk cargo will be loaded or unloaded fast and easily.

The shells are also equipped with four loading eyes, one on each shell edge, as well as with a stop grill on each side.

Cutting edges are made of highly wear-resistant, 40 mm / 1.57 in strong HB 500 steel.

The robust integrated 360° rotation guarantees a precise positioning of the grab.



The designers of the C100VHD from the Kinshofer Special Development Department:
Walter Spindeldreher (left) and
Florian Grimm (right)



Harvester for Telehandlers

The harvester KM 634-0,35-3Z has been developed especially for telescopic forklifts - now also available as 0,25 version.

During the sawing process, the three robust tines – made of Hardox 400 steel – hold the log firmly and securely.

The grab's automatic reclamping during the sawing process can be stopped by a lever, e.g. to cut single branches separately.

Thanks to the optimum grab design, even very thin logs can be clamped (log diameters: 50 - 570 mm / 1.97 - 22.44 in).

The saw is equipped with automatic chain tensioning and greasing. Precise positioning and high torque are guaranteed due to the integrated Kinshofer-rotation with four motors and two holding brakes.

The integrated non-return valve prevents the unintentional opening of the tines at pressure drops.



CUSTOM UNITS



04 Short Stories

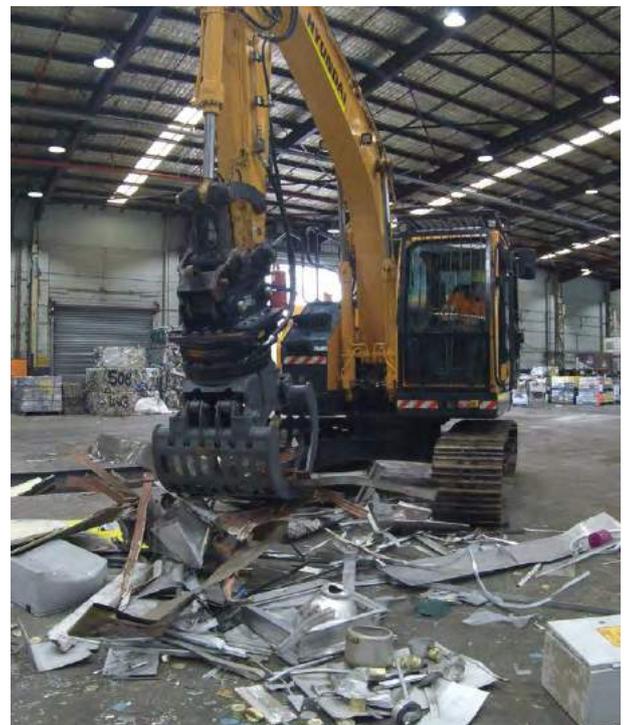


Sell & Parker Testing D15H-P Sorting Grab

Sell & Parker from NSW, Australia, are currently testing the Kinshofer D15H-P demolition and sorting grab with perforated shells for their scrap company based in western Sydney – and it did not take long for them to see the advantages of purchasing this Kinshofer grab with hydraulic 360°-rotation. Sell & Parker are trying to increase the production in the aluminium section of the business.

As the metal recycling industry becomes harder and harder – as well as the service – many companies are now looking for smart ways that will help to increase their total production numbers with a low cost of owner ship.

Many are thus turning to Kinshofer now as their preferred provider of solutions!



Happy 25th Anniversary to Mutley Plant UK



For many years, Mutley Plant Service Ltd has been a loyal dealer of Kinshofer and Demarec attachments in the UK and we are happy to congratulate Mutley on 25 years of excellence!

Large attachments such as shears, demolition and sorting grabs or re-handling clamshell buckets are Mutley's focus.

Wherever you are in need of a demolition tool to purchase or hire in the UK - Mutley Plant is the place to go!

The complete Kinshofer Group is looking forward to at least another 25 years of successful collaboration in the UK!



04 Short Stories



DSP-30 Performance Convinces Russian Company InvestStroy

The Russian company InvestStroy has recently decided to explore new avenues when it comes to equipping their carrier machines. For secondary demolition and processing tasks the company is faced with every day, they have chosen a DSP-30 static pulverizer by Kinshofer, specialized on breaking up reinforced concrete structures and separating steel.

InvestStroy – with basis in Moscow – is receiving or purchasing the material to be processed from other companies and the flow of new material does not stop. And because time is money, high performance is an absolute must

In the DSP-30, InvestStroy has found the perfect partner: They say, the DSP outperforms other competitive brands used on their site by an incredible 60 to 70%!

Such a result could only lead to a new order for another DSP! Thanks!



HKS Metals Loyal for 10 Years Already

For 10 years already, HKS Metals has been based in the Netherlands and it has been a loyal client for Rigter Handelsonderneming and Kinshofer attachments.

The first tool that Marco Disco had purchased had been a 1000-liter orange peel grab of Kinshofer type P50V, which has now been replaced by the even stronger P51VHD.

However, the P50V is still in action on a Sennebogen 835 - and even more, there are 20 more orange peel grabs adding up to HKS Metals' machinery park.

Meanwhile, there are also larger orange peel grabs available.

Continuous contact to HKS Metals, where the orange peel grabs are working hard and long hours, help to further improve the attachments and benefit from HKS great experience.

The recycling world is getting bigger and faster all the time and thus not only the people but also the machines always have to adjust to the new situation.

Rigter Handelsonderneming and Kinshofer are thus always working on new developments and improvements to always be up to date!

Thanks to HKS Metals for being such a loyal client and sharing your experiences with us!



04 Short Stories



Product Info DRS:

The Kinshofer DRS Mobile Shear with its 360° rotation has been engineered to achieve an optimal power to weight ratio. This robust tool can be used for a wide variety of jobs including steel structural demolition, scrap yards, conditioning of industrial mixed scrap and even processing steel-reinforced concrete. With three different mounting options, the DRS line is available in five different sizes, suitable for excavators from 14t / 30800 lbs to 100t / 220000 lbs operating weight.

- + Powerful cylinder with speed valve - fully protected in the housing
- + Housing made of extremely resistant special steel
- + Heavy duty bearings for reduced bushing wear - without allowance
- + Very high cutting force: optimal power to weight ratio. Robust mouth
- + Optimal mouth design with large opening for scrap
- + More cutting force by displaced angles of the two cutting blades
- + All wear cutting blades can be turned four times and - whenever material gets jammed - be loosened from outside
- + Exchangeable, weldable piercing tip
- + Heavy duty 360° rotation with oversized slewing ring, driven by (two) motors. Also available without rotation



Heinhuis Invests in Kinshofer-Demarec-Tools

The Dutch company Gebroeders Heinhuis were looking for the perfect tool to cut mixed scrap material at the scrap yards in Eibergen in the Netherlands and Stadtlohn in Germany. And they finally found it in the Demarec DRS-25 mobile shear that they purchased at the Holland-based and well-known Rigter Handelsonderneming B.V. The DRS-25 shear has a total weight of 2400 kg (incl. adapter) and is ideal for excavators of up to 20t or 30t, depending if mounted on boom or dipper.

This specific DRS-25 shear got installed on a Doosan 235, that was a new delivery from Almat Laren.

The company is already owner of a heavy duty demolition and sorting grab with closed back walls.

The Gebroeders Heinhuis have lately invested a lot in shears, demolition and sorting grabs and also orange peel grabs and Jeroen Heinhuis is confident to have made the right investment.

At the same time, Bart van Kessel from the location in Stadtlohn is also looking positively on the developments in Germany. He has thus even invested in an additional area for the scrap.

Rigter Handelsonderneming is happy to have contributed to the expansion of the Gebroeders Heinhuis!



TRUCK CRANE SPECIAL

Adelaide Grab Trucks Grabbing New Business with KINSHOFER



After many years in the construction and transport industry, Adelaide Grab Trucks have seen many changes, but not all good.

We feel that it is about time we have a good change. One that saves us money, saves us effort and somewhat helps the environment.

For too long we have pushed wheel barrows and carried rubbish in order to load a skip or trailer – double handling almost everything.

Here at Adelaide Grab Trucks we have invested heavily on the only vehicle of its type in South Australia:

A GRAB TRUCK

It sounds corny we know but that is exactly what it is. We will explain more.

We have installed a hydraulic crane on a specially built Mercedes Chassis, and we have then installed a tipper body. The technology is not new, in fact it is common place in Europe.

The benefits are, that we will collect your soil, concrete, rubbish etc, loading ourselves no need for manual labour or an excavator/loader to be on site.

The area will be left tidy, ready for your next operation. In addition to this we can also offer a delivery service. Your material placed over walls or fences – in fact anywhere the crane will reach.

Just the right amount, just where you need it. This has been done with the use of a KINSHOFER clamshell grab.

Adelaide Grab Trucks setting the standards in South Australia.





Custom Built KM 931 4-Axes-Manipulator for Largest Rail Project in Sydney

Sydney Metro Northwest is the first stage of Sydney Metro, being Australia's biggest public transport project and a priority infrastructure investment for the NSW Government.

Northwest Rapid Transit (NRT) has been awarded the Operations, Trains and Systems (OTS) contract for Sydney Metro Northwest.

Amongst others, this includes building eight new railway stations and 4,000 commuter car parking spaces, delivering Sydney's new generation of metro trains, building and operating the Sydney Metro Trains Facility, including train stabling and maintenance and installing 23 kilometres of new track and rail systems.

And KINSHOFER Australia is contributing its share with a KM 931 custom built 4-axes-manipulator for a special high rail truck of which there are only two pieces in the world - and both with this KINSHOFER custom built attachments.

These completely custom built trucks are destined to mount fire hydrant pipes inside a tunnel of the above introduced rail project.

KINSHOFER is proud to be part of this huge project on the other side of the world!

Product Info KM 931 4-Axes-Manipulator:

The Kinshofer KM 931 4-Axes-Manipulator is a hydraulically operated attachment used for handling and positioning tubes or poles for the use on loader cranes with four functions:

- worm gear drive 360° endless
- RA02 rotary actuator with 180° tilt function
- 6t-flange 360° endless rotator
- clamp with non-return valve

- + load capacity 300 kg / 660 lbs
- + pressure 20 - 26 MPa
- + weight 290 kg / 638 lbs



TRUCK CRANE SPECIAL

One Pack at a time - KM 332 Down Under



Another great example of KINSHOFER crane attachments Down Under.

This KM 332 brick stack grapple has been put to work in Western Sydney.

The increase in population along with a housing shortage has put increased demand for builders to build more houses even faster. But they need materials to do so.

One of the main building materials of any house are the bricks along with other materials. Brick delivery companies are pushing to get more and more pay load on the trucks as well as deliver the bricks safely.

That's where KINSHOFER crane attachments come into the game. The KM 332 brick stack grapple offers a lower dead weight with a high level of safety for unloading and handling brick packs. This is music to any owner operator battling the day to day grind on the road to get the bricks delivered on time and make a dollar. The massive advantage is not only in a better crane performance, but also a longer service life and more up time along with fuel savings. This means lower overall operational cost.

That's why Kinshofer Crane Attachments are a Real Game Changer.



05 INFO

TRADE SHOW SCHEDULE



BIG 5 Heavy Dubai 2018	March 26 - 28, 2018
Dubai World Trade Center, U.A.E.	



Baukongress 2018	April 19 - 20, 2018
Austria Center Vienna, Austria	



Intermat 2018	April 23 - 28, 2018
Paris Nord Villepinte, France	



GaLaBau 2018	September 12 - 15, 2018
Fairground Nuremberg, Germany	



Bauma China 2018	November 27 - 30, 2018
New International Expo Center, Pudong, Shanghai, P.R. China	



Hillhead 2018	June 26 - 28, 2018
Hillhead Quarry, Buxton, UK	



NDA 2018	February 22 - 24, 2018
Austin, Texas, USA	



ISRI 2018	April 14 - 18, 2018
Las Vegas, Nevada, USA	



AREMA 2018	September 16 - 19, 2018
Chigaco, Illinois, USA	



Infra Relatiedagen 2018	February 06 - 08, 2018
Evenementenhal Hardenberg, The Netherlands	



Intermat 2018	April 23 - 28, 2018
Paris Nord Villepinte, France	



TKD 2018	May 31 - June 02, 2018
Almere, the Netherlands	

KINSHOFER GmbH Germany

KINSHOFER UK

KINSHOFER North America

DEMAREC The Netherlands

Auger Torque Europe UK

Intermat 2018 Paris Nord Villepinte, France	April 23 - 28, 2018
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Hillhead 2018 Hillhead Quarry, Buxton, UK	June 26 - 28, 2018
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Bauma China 2018 New International Expo Center, Pudong, Shanghai, P.R. China	November 27 - 30, 2018
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Auger Torque Australia

Diesel Dirt & Turf Expo 2018 Penrith, NSW, Australia	April 13 - 15, 2018
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Doherty New Zealand

Diesel Dirt & Turf Expo 2018 Penrith, NSW, Australia	April 13 - 15, 2018
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Intermat 2018 Paris Nord Villepinte, France	April 23 - 28, 2018
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