

MILES AHEAD...

Number 21 · September 2022



■■■ The Xcentric Ripper has proven to make rock excavation and extraction projects profitable



XCENTRIC®

www.xcentricripper.com



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UPCOMING **E**VENTS SMOPYC 2023

XCENTRIC will be present at the
19 INTERNATIONAL SHOW OF PUBLIC WORKS,
CONSTRUCTION AND MINING MACHINERY,
in Zaragoza, from April 26 to 29, 2023.
Pavillion 6 – Booth D-E/11-22



SMOPYC

2023

19 SALÓN INTERNACIONAL DE MAQUINARIA DE
OBRAS PÚBLICAS, CONSTRUCCIÓN Y MINERÍA

19 INTERNATIONAL SHOW OF PUBLIC WORKS,
CONSTRUCTION AND MINING MACHINERY

26-29 ABRIL/
APRIL
ZARAGOZA (ESPAÑA/SPAIN)

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Xcentric Ripper model XR52 working in a quarry.

Xcentric Ripper, the best option for saving fuel

It is proven that the Xcentric Ripper is an attachment that makes projects really profitable

“What kind of machinery do I buy? Which attachment will be more profitable?”

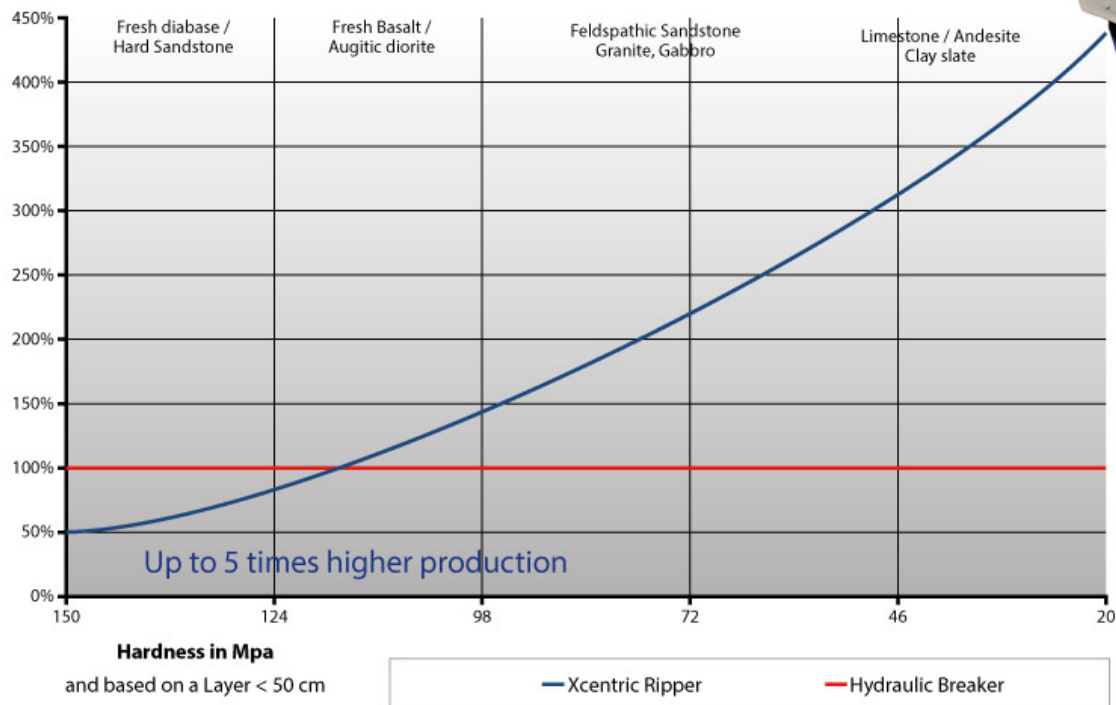
Possibly these are some of the first questions we ask ourselves when deciding on the purchase of machinery for an excavation, demolition, dredging project, etc. It is a complicated decision that will affect both the final costs and the time used to carry out the work.

Nowadays, in addition to taking into account the costs generated by the maintenance of the machinery as well as those of the wear parts, we must take into account the high costs of fuel. We see how the price, despite having dropped somewhat, is still at very high figures after the summer. This has a negative impact on the works that are already being carried out, and is one more point to assess in projects that have not yet started and are being managed.

Within the market of excavator attachments for excavation or rock extraction, the “king” has always been the hydraulic hammer. But since the last few years other options have been incorporated. Currently, one of the most profitable, as well as versatile, is our Xcentric Ripper.

This hydraulic implement has been on the market for more than 12 years. It is developed with a patented “energy accumulation

Productivity Xcentric Ripper / Hydraulic Breaker



Comparative table of the production of the Xcentric Ripper and the hydraulic breaker depending on the type of rock.

impact technology" system, which makes it more productive, in 80% of work applications, than the hydraulic hammer.

Some of its applications are: excavation (quarries, trenches, tunnels, construction, permafrost, underwater work...), demolition (concrete, underwater...), recycling (slag), dredging or mining. In addition, we have dealers in more than 50 countries.

As always, it will depend on the type of work, but with the Xcentric Ripper an estimated average fuel saving of between 25% and 30% can be achieved compared to the use of the hydraulic breaker. And even, in some cases, it is possible to get a saving of up to 50% which,

given the current price of fuel, is more than remarkable. In the picture on this page you can see the production comparison with the hydraulic hammer according to the type of rock.

Another point to take into account is the minimum maintenance that this machine requires, since, for example, it does not need daily lubrication. Like the consumption of wear parts, which is minimal.

It is true that the initial cost of this attachment is higher than others, but for all the above reasons, it pays for itself in a short time, and the productivity and savings obtained compensate for the initial effort.

Most Xcentric dealers offer the possibility of taking a demo and seeing the benefits of this tool on site. The most advisable thing is to consult directly with them or with the factory, what would be the best option within all the models that exist, to also assess the productivity that can be obtained with the Xcentric Ripper in each case.

For more information, as always, you can visit our website and our YouTube channel, to see both the Xcentric Ripper and the rest of Xcentric attachments in operation:

www.xcentricripper.com
www.youtube.com/XcentricRipper

TP Expo in France

A small fair, but with very good results, organized by Technique TP Association in France

During the 23rd and 24th of June, an exhibition called TP Expo was held in Egletons (France), which was attended by our dealer in France 'Xcentric France'. This exhibition was organized by Technic TP Association, of which both Xcentric Ripper International and Xcentric France are members, in collaboration with the Egletons Public Works Teaching Center (EATP-EFIATP-CFCTP).

According to our French distributor, Florent Gerland, this event was "successful". There were 80 exhibitors dedicated to Public Works and Forest Equipment. There were 3 hectares of platform, and in addition to the stands where the products of the exhibitors could be seen, many demonstrations of the machines were carried out. In our



case, an Xcentric Crusher XC19 was performing rock crushing demonstrations, together with an ALLU brand screener bucket (ALLU Transformer).

For our dealer, the result of attending this exhibition was very positive, since they received the visit of many current and potential customers of Xcentric products.



M&T Expo en Brasil

Our dealer from Brazil, PRIME Máquinas, attended this fair, the largest in this sector in Latin America



A few weeks ago, the M&T Expo fair took place in São Paulo, SP Brazil, which since 1995 is one of the most important business fairs in the construction and mining equipment industry. The event, which is part of the international Bauma network, is the largest of its kind in Latin America.

Our Brazilian distributor PRIME Máquinas attended this 11th edition, which was held between August 30 and September 2. At their stand they exhibited the crusher bucket Xcentric Crusher model XC20 and, in their words, “it was a success, because it is

a differentiated and high-quality piece of equipment.” Jair Rosa, director of PRIME Máquinas,

underlines the following: “the equipment caught the attention of many visitors from Brazil and other countries such as Uruguay and Paraguay”.

As highlighted on the M&T Expo website, the event had 54,000 m², with indoors and outdoors areas. There were more than 30,000 visitors from more than 41 different countries, of which 81% participated in decision-making. And its twelfth edition is already announced for the year 2024.

Positive experience therefore for our dealer, who was able to publicize and show the advantages of Xcentric products, and specifically of the Xcentric Crusher.





RWM Letsrecyclelive 2022

Our dealers Blue Group attended this fair held in Birmingham in mid-September

Blue Group recently attended the 'RWM Letsrecyclelive 2022' event at the NEC, Birmingham on 14th & 15th September. "We took two Xcentric crusher buckets to the show, with the XC9 in the live demo area and an XC19 on our stand. This year we had the largest stand at the show, which

was a whopping 47x24m. In the live demo area we held three demonstrations daily across the two days and we showcased a Doosan DX160W and an Xcentric XC9 that was fitted with an OilQuick quick coupling system. The XC9 was used to crush the oversize hardcore and

the bucket's level of production certainly impressed the crowds in attendance. During the demo we highlighted the fact it was made entirely from hardox 400, reverse crushing feature and how the material size option can be changed in a few minutes."



One of the first customers

Karl Pitzer GmbH was one of the first to purchase the Xcentric Ripper model XR35 through our Kuhn dealer

Karl Pitzer GmbH from Schladming was the first customer of our dealer KUHN to purchase an Xcentric Ripper, following a demonstration organized by them. The model they bought was one of the first to be developed, an XR35.

This company, founded in 1961, is dedicated to the construction of roads, reservoirs, sports facilities, etc. And it is also in charge of all kind of earth moving works, demolition, extraction, and define themselves as specialists for difficult cases such as steep rocky slopes or soft soils, and therefore the Xcentric Ripper perfectly fits the requirements profile. Pitzer then had a fleet of 100 vehicles, including 50 excavators of various sizes to which the Xcentric Ripper could be attached.

What Pitzer likes about the Xcentric Ripper, in addition to the higher performance, is that the excavator



“Low noise, low vibration and precise area removal are exactly what we need”

operator can also use the tearing force of the excavator hydraulics in addition or as a supplement during the Ripper operation. It is therefore able to clear the loosened material

from the excavation area in the course of rock loosening. “When the ripper tip is used again, you can reposition it efficiently and precisely, which saves time and energy,” says Pitzer. With hammers, attempting to pull with them often results in damage to the chisel.

He is also impressed by the low noise development, which, like the low level of vibration, mainly plays a role when used in residential areas. The smooth running also makes work more pleasant for the employees. In addition, ease of maintenance is always important from an economic point of view.

Pitzer’s conclusion is therefore short and sweet: “The device is very well suited as a supplement for special operations. Low noise, low vibration and precise area removal are exactly what we need.”





Two CMZ brand lathes, model TC30Y, in the Grado Cero Sistemas machining workshop.

The workshop veterans

These two numerical control lathes, of the CMZ brand, are the oldest machines we have in our machining workshop

At Xcentric Ripper/Grado Cero we always seek to bring new products to the market and improve existing ones. To do this, we strive to gradually incorporate the necessary machinery so that the manufacture of our attachments is carried out entirely in our facilities. This is why we seek to have the best tools, which enable us to manufacture in less time and with the highest quality.

In recent years we have been adding new lathes and machining centers that have allowed us to develop the parts for new products and models of our machines. But, as there always have to be veterans, in this case the title goes to the **2 CMZ brand lathes** that have been with us for many years and continue to provide the service we need.

This Spanish world reference trademark, has been in the machine tool market for more than 75 years, growing exponentially until it acquired a remarkable dimension, as explained on its website. They aspire to be a benchmark in the chip removal machining sector.

Throughout these years, we have been adapting the use of these lathes to the parts needed for each



We trust in best brands to get the best results

CMZ LATHES - MODEL TC - 30Y

product. Thus, at the beginning they were used to prepare the standard pins for quick couplers: ST65, ST80, ST90... Also bushings for larger couplers. When starting to manufacture the Ripper other parts were incorporated, such as gears, camshafts, bolts, etc. And finally, with the launch of the crushing buckets (XC) and screening buckets (XS), they began to be used for machining threaded bolts, pinion grooving, greasing of eccentric tubes, elastic couplings, bearings, etc. And also for some specific parts for the XC5F.

EQUIPMENT		
3 jaw chuck		Ø 315
Turret		12 positions
Chip extractor		
Tool Presseter		
Control		FANUC 32i
Motorized Tool + Y Axis	mm	+80 / -60
Lunette	Ø min	50
	Ø max	200
TECHNICAL SPECIFICATIONS		
Distance between plate and point	mm	1.424
Ø max. to be turned	mm	550
Ø max. swing on bench	mm	920
Ø max. swing on cross slide	mm	745

Andoni Etxebarria



Name: Andoni Etxebarria

Age: 57 years old

Job position: Painter

Years with us: 11 years

In this our 'Miles Ahead' magazine issue we have spoken with Andoni Etxebarria, one of those in charge of "dressing" our machines since he occupies one of the painter positions in the assembly workshop. He tells us, after his 11 years of experience, how is his vision of the company.

■ **How did you start working at Grado Cero Sistemas / Xcentric Ripper?**

I started working at Grado Cero by chance. I used to work for the company Finerlan, which carried out rock and trench excavation projects in the north of Spain. When Javier Aracama invented the Xcentric

Ripper, he began collaborating with Finerlan to be able to test on different types of rock and

"The painting work is carried out before the assembly and also afterwards, to make the necessary touch-ups"

job sites. Later, he acquired the company, so several of the employees became part of Grado Cero.

■ **What does your job in the company consist of?**

I work as a painter, both for

the attachments and spare parts and some other pieces. The painting work is carried out before the assembly and also afterwards. Once the machines are assembled the necessary touch-ups are carried out.

■ **What do you like most about your job here?**

What I like the most is being able to organize my work. They tell me what I have to paint each day, but being alone on my shift, I can do everything in my own way. I'm quite a perfectionist, so in that sense, I like being able to work alone.



■ **What would you highlight about Xcentric Ripper / Grado Cero as a company?**

I would highlight the fact that we manufacture products that are exported to all continents. It seems to me that this indicates we make quality products which meet the needs of companies not only in Spain but throughout the world. I think it is positive that products manufactured entirely in your country have customers worldwide.

■ **Tell us an anecdote about the time you have been working with us.**

There are many anecdotes, but right now what has come to mind is the day I was locked up in the company courtyard.

“ From Xcentric I would highlight the fact that we manufacture products that are exported to all continents ”

It was 6 in the morning and it was very cold. Luckily I had a cell phone with me and I was able to call a colleague to come and open it for me.

■ **Finally, what would you have liked to do if you didn't work here?**

There is nothing in particular, but I do like agriculture. In fact I have a vegetable garden, although it is hard work. And I also really like plastic arts.



Duromin in Portugal

This company specialized in the commercialization of construction machinery, has been a Xcentric dealer for more than 11 years

In this 'Miles Ahead' issue we will meet our distributors in the neighbouring country of Portugal. The Duromin company tells us about its experience with Xcentric Ripper, in addition to making a brief review of the history of the company.

History of the Company

Duromin was born in July 1984 and began its activity in the field of rock drilling, especially marketing tools of the Swedish brand Secoroc, being responsible for its introduction in Portugal.

Works in quarries, mines, dams, tunnels and highways were the market segments where Duromin's

initial activity was developed. Today, with the Mitsubishi and P&V brands, they continue to support these sectors in the field of drilling.

With the support of Durit, a Portuguese tungsten carbide manufacturer, the company began to be present in underwater drilling, that is, in the deepening and regularization of riverbeds to make them navigable.

In 1994, the company increased its activity by incorporating Furukawa demolition equipment and the necessary technical assistance, to its sales. This was complemented with the corresponding P&V tools.

The year 1997 marked the beginning of the collaboration with Kubota in the field of mini-excavators and skid-steer loaders, brand distributed by the company and market leader in Portugal, thus occupying the space that was lacking in excavation, extraction and earthmoving.

¿How did you find out about Xcentric?

In 2011, at the initiative of the then Commercial Director, Duromin had their first contacts with Xcentric Ripper International and had the privilege of meeting Javier Aracama, a person for whom they feel great admiration.



Duromin has resolutely adopted the Xcentric hydraulic ripper as an indispensable asset in rock blasting and demolition work wherever its application is possible, including underground and underwater work.

¿What do you think of the Xcentric Ripper?

Simply attached to any hydraulic excavator, the Xcentric ripper proves to be unbeatable in terms of productive performance in limestone and sandstone quarries, achieving 4 to 5 times higher production compared to traditional

equipment. Its performance in altered and fractured granite quarries also provides higher production rates than conventional hydraulic hammers.

Trenching, pipeline and recycling are highly preferred fields of application for this equipment. Use in underwater environments, when possible, is also of great performance.

In addition to the negligible maintenance cost, the reduced noise level, compared to the noise caused by a hydraulic breaker, also puts the Xcentric Ripper in a top spot for the same type of job.



Duromin projects

The recent commissioning in the Lisbon Metro expansion project of three XR42 units, whose features and performance have been highly praised, unequivocally demonstrates their reliability and robustness, making the Xcentric ripper an exceptional piece of equipment.



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