

MILES AHEAD...

Number 22 · January 2023



■■■ We clear up doubts about the Xcentric Ripper: its applications, its operation and we compare it with the hydraulic hammer



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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 **November 22 to 25, 2023**.
Pavillion 6 – Booth D-E/11-22



22-25 NOVIEMBRE / NOVEMBER
ZARAGOZA (ESPAÑA/SPAIN)



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The best selling 3 Xcentric attachments during 2022: Xcentric Crusher XC19, Xcentric Ripper XR42 and Xcentric Crusher XC9.

Best sellers in 2022

The podium with our “star” products during the past year 2022, the 3 best-selling Xcentric attachments

During the past year 2022 they are many the attachments sold and exported to the entire world. But, as always, there are some products and models that sell more than others. On this occasion, we have these three winners in the ranking of Xcentric products most in demand by our customers. As for the Xcentric Crusher, the model that sold the most during

the past year 2022 is the XC19, belonging to the ‘A’ series. This model is indicated for excavators between 16 and 21 tons.

In second place is one of the most demanded models of the Xcentric Ripper, the XR42. The appropriate machines for this are excavators between 32 and 40 tons.

And in third place is, again, an Xcentric Crusher, in this case one of the smallest models of the ‘A’ series, the XC9. This model is indicated for machines between 10 and 13 tons.

If we look at the ranking of the 10 best-selling machines over the past year, those already mentioned are followed by the

The best selling Xcentric attachments during 2022 are the Xcentric Ripper and Crusher models: XC19, XR42 and XC9

following Xcentric Ripper and Xcentric Crusher models: XR50, XC24, XR40, XR52, XC20, XC13 and XR32.

Regarding the countries where more Xcentric machines were sold during 2022, we can highlight these ones, among many others: United Kingdom, Germany, India, Canada, Australia, Spain, France and Turkey.



+ INFO ABOUT THESE PRODUCTS:

:: XCENTRIC WEBSITE:

www.xcentricripper.com/products

:: OUR YOUTUBE CHANNEL:

www.youtube.com/@XcentricRipper/featured

:: OUR DEALERS:

www.xcentricripper.com/dealers-worldwide/

:: FACTORY CONTACT:

www.xcentricripper.com/contact



Xcentric Ripper or hydraulic hammer?

99% of the breakdowns suffered by hydraulic hammers are due to improper use, when using them as rippers



After more than 12 years on the market, the **Xcentric Ripper** is a tool known to most, but there are still many people who have not heard of it. There are also people who confuse the Xcentric Ripper with a vibro ripper and even many disbelievers who continue to argue that the hydraulic hammer is better in all applications. Let's clear doubts.

This attachment arose thanks to the idea of **combining the benefits of a hammer and those of a conventional ripper**. Many professionals use the hammer both to chop and to drag the material towards themselves, to clear the work area. What this practice does is damage the equipment which is not designed for this function, just as they are not designed to chop at an angle other than the perpendicular one, 90 degrees with respect to the ground. This misuse causes damage to both the hammer and the excavators.

The **purpose of the Xcentric Ripper** is to cover both needs, **chop and drag the material**, in addition to adding the option of chopping by changing the angle to get more material torn off. Combined with minimal maintenance and more comfort for



the operator. For this, an **“impact technology by accumulation of energy” (patented technology)** was developed together with a system of eccentrics. It is precisely this accumulator inside what differentiates it from the vibro ripper, which works by vibration instead of **percussion (impact)**. The Xcentric Ripper transforms hydraulic energy into percussion thanks to the simple eccentric system combined with the energy accumulator and some directional pivot arms systems.

This hydraulic ripper is made entirely of anti-wear steel and **can be used underwater** without any risk of damage or modification. It has **numerous applications** such as excavation (quarries, trenches, construction...), frozen ground (permafrost), tunnels, demolition, recycling (slag), mining, dredging, etc. It is also less noisy than any other digging tool. *(See test with the noise level comparison between the Xcentric Ripper and the hydraulic hammer on our website)*

Comparing it with the hydraulic hammer in terms of productivity, we

can say that **the Xcentric Ripper**, at least, **doubles production and can be up to 4 times more productive than the hammer**, depending on the material. It achieves high productivity in materials such as concrete, quartzite, limestone, slate, marl, asphalt, plaster...

The Xcentric Ripper combines the benefits of a hammer and those of a conventional ripper

However, it should be noted that **it is not efficient for extremely hard materials** such as granite or marble.

Regarding **benefits with respect to the environment**, we can highlight several points:

- This attachment has a **minimum consumption of wear parts**, which generates less waste.
- By achieving greater productivity, it **reduces times and fuel**

consumption (also a benefit for the customer, less costs), and CO₂ emissions are significantly reduced.

- It is also **an efficient alternative to drilling and blasting**, reducing all the environmental risks that this entails.
- As we have already seen, it also produces **less noise pollution**.
- **The sealing** of the chambers containing the lubricants **eliminates the possibility of leaks**. However, the oils and greases we use are biodegradable.

All these are the main features and benefits of the Xcentric Ripper, and its comparison with the hydraulic hammer.

You can find, as usual, all the information on our website: **www.xcentricripper.com**

You can also watch videos of different models and applications on our YouTube channel: **youtube.com/c/XcentricRipper**

Oihan Larreina



Name : Oihan Larreina

Age: 26 years old

Job position: Assembly Workshop

Years with us: 3 years

To start this year 2023 we have spoken with one of the workers in the assembly workshop, Oihan Larreina. A workshop with a type of work that requires a lot of physical effort, but also the place from where finished products come out to send to customers. Oihan tells us about his experience in the company during the 3 years that he has been working with us.

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

My start in the company was

an internship, after finishing my studies.

“ I like the camaraderie that exists between us and the family atmosphere ”

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

I am in the assembly workshop, one of the final steps in the manufacturing process. My job is to assemble the Rippers

and the Crushers along with other colleagues. It is a very satisfying job, because you are in charge of shaping the products and it is nice to see them leave the workshop finished. Another task we carry out is repairing. In the event that a product arrives with a problem, we put it back on track.

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

I like the camaraderie that exists between us and the



family atmosphere. Despite the fact that the company has been growing in recent years, the feeling among the workers remains as if we were in a smaller company.

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

I would highlight the fact that it is continuously innovating. No two days are the same, machines are constantly evolving. I think that innovation is the strong point of this

“It is continually innovating. No two days are the same, the machines are constantly evolving”

company, it is always trying to create new solutions and improve the products we already have.

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

I don't remember any particular

anecdote. It only comes to my mind that, as clueless as I am, in some occasion I've done again a job I had already done...

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

I really like the countryside, I come from a family of farmers, so surely I would have ended up working for a farmer as a driver.



Russel Thurlow with his Xcentric Ripper XR50: "It is a game changer for our business".

Xcentric excites NZ contractors

During the past 5 years the Xcentric brand has become a real game changer for New Zealand Contractors

"Xcentric crusher buckets and rippers provide the combination of performance and production ratios that our clients are looking for", said Paul Herbson of Boss Attachments. So much so that during the last few years Boss Attachments, who are the Australasian agents for the brand, has grown to become a leading international dealer for Xcentric.

One recent NZ customer who described his XR40 as "a bit of a Beast" has also discovered that the Xcentric Ripper delivers a wide range of benefits.

Carl Davies, owner of the Corbett Road Quarry at Waihi, where previously a fixed tyne static ripper was used to win the rock, believes his new Xcentric Ripper XR40 has been an absolute game changer.

"We're a small rural quarry supplying aggregate for the local building and farming sectors. Blasting isn't a cost effective option for us and the fixed ripper method was really bloody hard on men, equipment and budget.

Using the XR40 has made a massive difference to the overall operation and our hourly production is now about 4 times what we were able to

previously achieve. It really is a bit of a beast”.

For Russell Thurlow, manager of the Ward Quarry near Te Kauwhata, their new Xcentric Ripper XR50 has been a real game changer.

“When we first purchased the XR50 we didn’t realise how versatile it can be, and although initially intended for only limited work, it is actually being used on an almost permanent basis”, said Russell.

“It is easy to operate, easy to service and the production that we are getting out of it is amazing.”

The Ward Quarry, which is part of the Ward Demolition Group, has been in operation for over 20 years and during that time has supplied quality aggregates for major projects like Springhill Prison, Hampton Downs and the widening of SHW1. Prior to the arrival of the Xcentric XR50 blasting and a single Tyne ripper mounted on a CAT D10 were the primary methods of extraction at the quarry. The XR has really complimented these extraction methods as well as delivering a number of other operational benefits.

“In the first instance it can operate in areas that the D10 would never go, and on top of that, it allows us to clean up toes and peel at least an extra 3 metres off the back of every blast”, Russell added.

As he further explained, retrieving an extra 3m of depth across the entire face of each blast adds up

to a massive increase in annual yield. Also, the option of reducing the drill depth of blast holes can also provide another major saving to overall blasting costs.

Another client spoken to recently has a XC17 crusher bucket which he describes as being “pretty much bullet proof”.

“I really love it”, said Neil McDonald of McDonald Earthmoving Ltd, “it

is easy to operate, easy to service and the production that we are getting out of it is amazing”.

Neil also commented that the service and support that he has received from both Paul and Livio Pace has also been amazing.

For further information visit: www.bossattachments.co.nz or contact: Paul Herbison 027 290 8306



The client Neil MacDonald with his XC17 Xcentric Crusher bucket.



CANADA

SCOTLAND



FRANCE

SPAIN



Xcentric around the world

Some of the sales and demonstrations that were carried out during the past year around the world, through our dealers

**XC19
France**



**XR15
France**



**XR22
France**



**XR42
France**



**XR82
France**



HUNGARY

TURKEY

**XR42
Hungary**



**XR42
Turkey**



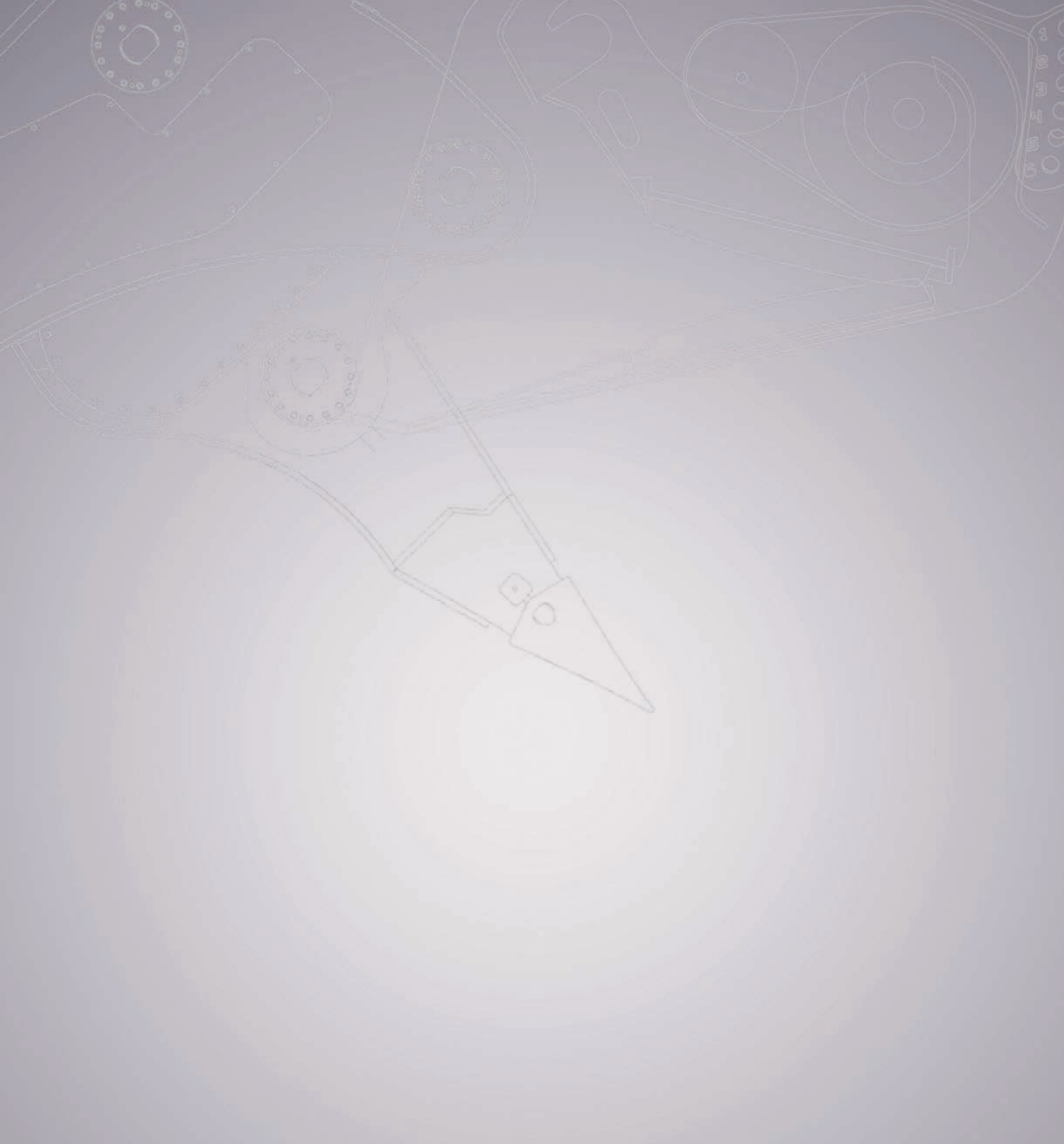
**XR52
Turkey**



AUSTRALIA

**XR42, XR22, XS40...
Australia**





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