

The background of the advertisement shows a tracked excavator equipped with a large hydraulic screening bucket. The bucket is painted in bright blue and red. It is positioned over a pile of dark, rocky material, and a stream of crushed rock is falling from its base. In the background, a large grey dump truck is partially visible. The sky is overcast and grey. A solid light blue square is positioned on the left side of the image, partially overlapping the text.

**THEY
ROCK
IT!**

**MAC-ROCK®
HYDRAULIC SCREENING BUCKETS**



EVERY CUBIC METER COUNTS

Whatever the project – demolition, dismantling, ordnance clearance, recycling or pipe laying – material separation directly on site is becoming ever more important. That's because of the high costs of transporting and disposing of rubble and contaminated soil and of purchasing backfilling material.

What's more, screening with a screening machine on the construction site creates additional costs for transport, materials and manpower. And space is often too tight to set up a screening machine anyway.

This is where the MaC-Rock® VORTEX hydraulic screening bucket comes into its own.

EXCAVATE, SCREEN, DONE!

VORTEX from MaC-Rock® is an **innovative hydraulic, high-performance screening bucket in the shape of a regular backhoe bucket**. It comes without any bulky, protruding transmission and drive components and is perfect for all excavation jobs. The hydraulically driven screen floor stretches over the entire bucket back for **maximum screening performance**.

At the same time, the MaC-Rock® screening bucket allows **excellent visibility during screening**, giving the driver full control at all times.

Your benefits at a glance:

- + **Extremely high screening performance, large active screening area**
- + **Optimal filling performance like a backhoe bucket**
- + **Very good utilisation of the bucket volume**
- + **For heavy excavation and demolition work**
- + **Perfect visibility for the excavator driver**
- + **Suitable for moist soil**
- + **Simultaneous excavation and screening**
- + **Simultaneous loading and screening**
- + **Rugged and low-maintenance**
- + **Made in Germany**





A video is worth more than a thousand words: **Take a look at the MaC-Rock[®] bucket in action on our website.**



MAC-ROCK® – MADE FOR HEAVY WORK ...

Wherever the going gets tough, MaC-Rock® screening buckets feel right at home:

- **Demolition and dismantling**
 - **Soil recycling**
 - **Soil improvement**
 - **Ordnance clearance**
 - **Canal building and pipe laying**
 - **Pipeline construction**
 - **Gardening work and landscaping**
 - **Landfill construction**
 - **Recycling facilities**
- ... and soon on your construction site.

... AND FOR YOUR COMPETITIVE EDGE

Legal regulations are increasingly forcing construction companies to recycle materials directly on the construction site. Our screening buckets give you a significant competitive advantage because the combination of multiple work processes saves a lot of money:

- + **Reduced transport costs**
- + **Less material purchased**
- + **Significantly lower carbon emissions**
- + **Lower personnel costs** (excavation and screening in one go)
- + **Optimal machine utilisation**

MaC-Rock® screening buckets quickly pay for themselves.

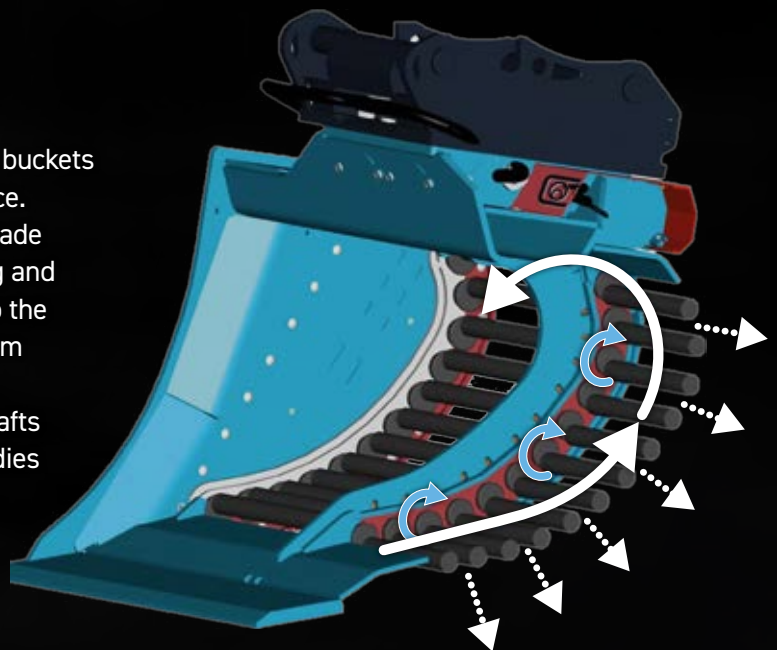
DESIGN BY FUNCTION

We meticulously designed our MaC-Rock® screening buckets for maximum performance and minimum maintenance.

The secret? The hydraulically driven screen shafts made of HARDOX steel. They produce a simultaneous lifting and rotating motion and convey the excavated material to the back of the bucket, where it is screened with maximum material throughput.

The screening gap of 45 mm between the rotating shafts remains consistently the same. Therefore foreign bodies don't get jammed as often and the screening bucket operates even more efficiently.

That's what we call **Design by Function**.



MAC-ROCK® SCREENING BUCKETS – MULTI-TALENTS FOR DIGGING, SCREENING AND LOADING

MaC-Rock® screening buckets transform your excavator into a screening machine without compromising on digging power. They deliver unique screening performance and, with superior Made-in-Germany quality, they are innovative, extremely rugged, low-wear and low-maintenance. The highly versatile attachments are available in two sizes.



VORTEX 330 for excavators from 23 to 40 tonnes

- Cutting width: 1.800 mm
- Screen area: 1,95 m²
- Capacity: 1,90 m³
- Screening range: 0-45 mm
- Power: hydraulic, 70 kW
- Motor: 2 hydraulic motors
- Weight: 2.130 kg, (2.520 kg incl. adapter)
- 12x HARDOX-screen shafts, 60 mm diameter
- Blades: 300 x 40mm, 500HB steel
- Maintenance-free transmission
- 2 shock/overload valves standard



VORTEX 320 for excavators from 17 to 24 tonnes

- Cutting width: 1.600 mm
- Screen area: 1,70 m²
- Capacity: 1,54 m³
- Screening range: 0-45 mm
- Power: hydraulic, 70 kW
- Motor: 2 hydraulic motors
- Weight: 1.600 kg, (1.800 kg incl. adapter)
- 10x HARDOX-screen shafts, 60 mm diameter
- Blades: 270 x 35mm, 500HB steel
- Maintenance-free transmission
- 2 shock/overload valves standard



OUR QUALITY STANDARDS FOR YOUR SUCCESS

At MaC-Rock®, we know our products have to operate reliably so everything goes smoothly at your construction site. That's why we always give you more. More ideas, more manufacturing quality, more customer service.

Made in Germany – we manufacture our products exclusively in Germany. All components are thoroughly inspected and tested to meet the most exacting quality criteria.

When used and cared for correctly, our screening buckets are extremely low-wear and low-maintenance. If you have any trouble despite this, simply contact our technicians for advice and hands-on support. They will solve the problem!



We look forward to your call or email.

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