



ROCKSCREENER

BY  ROCK ZONE



READY TO ROCK IN THE ROCK.ZONE

ATTACHMENTS THAT INSPIRE!

Crusher Bucket
key advantages:
Quattro Movement & Reverse Function

Drum Cutter
key advantage: Low-noise and low-vibration
& 3 to 5 times faster

Screening Bucket
key advantage: increased throughput
& XXL gearbox



Efficient and innovative since 2013

Robert Piasecki and his team deliver exactly what customers want, when they want it!

The product range includes over 30 models of Drum Cutter, Crusher Buckets and Screening Buckets.

Since our acquisition of Hartl Crusher, we live the ROCK.ZONE!





APPLICATION

Screening and sorting.

UPCYCLING

The Rocksceener upgrades seemingly worthless waste material. Mixed material is screened & sorted.

ENVIRONMENTALLY FRIENDLY

The Rocksceener processes the material where it is needed: on the construction site. Onsite reuse saves transport costs and protects the environment at the same time.

60% TIME SAVING

Pre-screening before using the Rockcrusher saves 60% time in the crushing process.

MATERIAL

- soil
- mixed material
- humus
- sand
- natural stone
- recycled materials
- stones
- wood chip

APPLICATIONS

Demolition

Sorting of demolition material
Pre- and post-screening during the crushing process



Recycling

Separating soil and sand from stones or building rubble
Separating materials

Landscaping

Grading and upgrading of topsoil
Screening of wood chips
Reusable material on site
Sorting sizes and types of material

Natural stone processing

In gravel pits, river rock, and sand pits

Road and earthworks

Screening out for optimum use e.g. certain sizes and aggregates

Trench & pipeline construction

Producing backfill material directly on the construction site

ADVANTAGES

MAINTENANCE-FREE GEARBOX

Every Rockscreener is equipped with an extra large and maintenance-free gearbox.

XXL DRUM VOLUME

The XXL drum volume enables a higher throughput per minute.

WITHOUT GUIDE ROLLERS

Due to the extra large gearbox, guide rollers are not required. Hence, the constant wedging of material on the rollers is eliminated with the Rockscreener.

HARDOX REINFORCEMENT

The frame of the Rockscreener is reinforced with Hardox, making it extremely robust and resistant.

HONEYCOMB NET SIZES

The honeycomb screen structure ensures optimised balance between exact sizing and high throughput.

XXL HOPPER VOLUME

The area in front of the screening drum can hold more material:

- Reduction in number of swings
- Increased throughput capacity
- Prevents material from falling into the screened pile





OPTIONS

HIGHER THROUGHPUT

SIEVE INSERTS / SIEVE MODULES / BRUSHES



HONEYCOMBED

The screens are honeycombed for uniform sorting. Screen sizes are available from 10mm to 120mm.



EXCHANGEABLE

The screen modules can be changed individually.



CLEANING

The brush cleans the screen during operation.



THAT ROCKS!



COST AND TIME SAVING

- 60% time saving in the crushing process due to pre-screening
- Direct backfilling on site
- Processing of the material on site
- Minimisation of transport and landfill costs

BETTER SALES RESULT WITH HIGH QUALITY MATERIAL

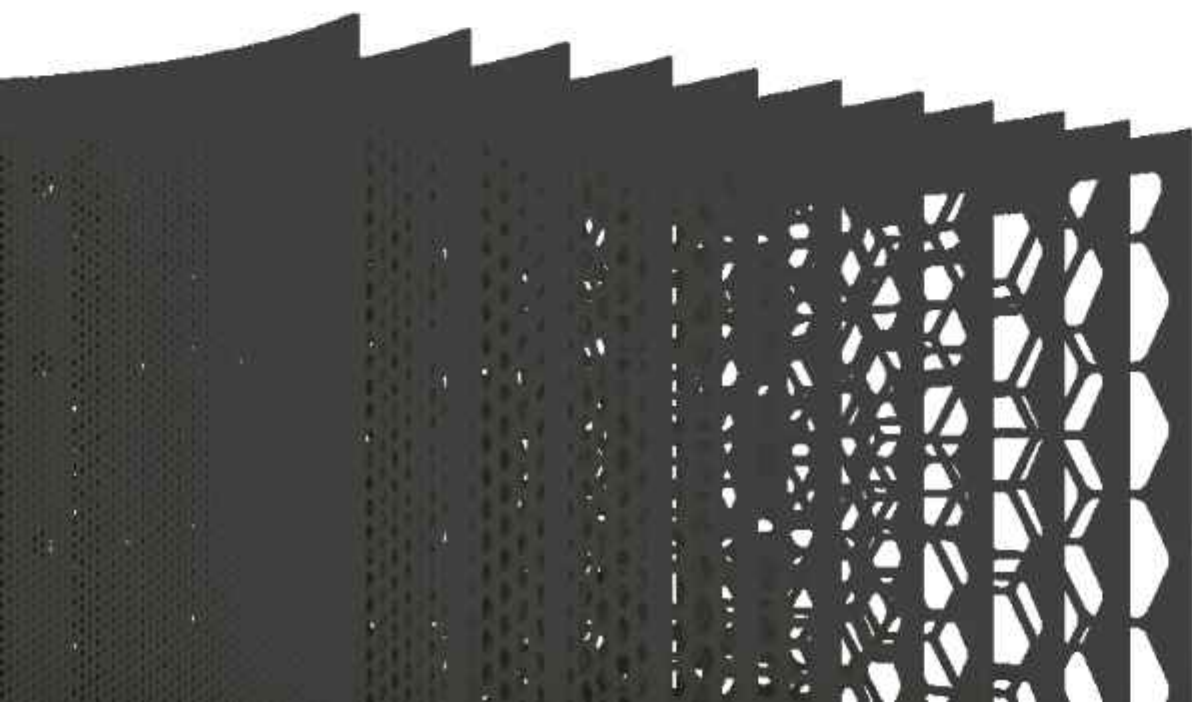
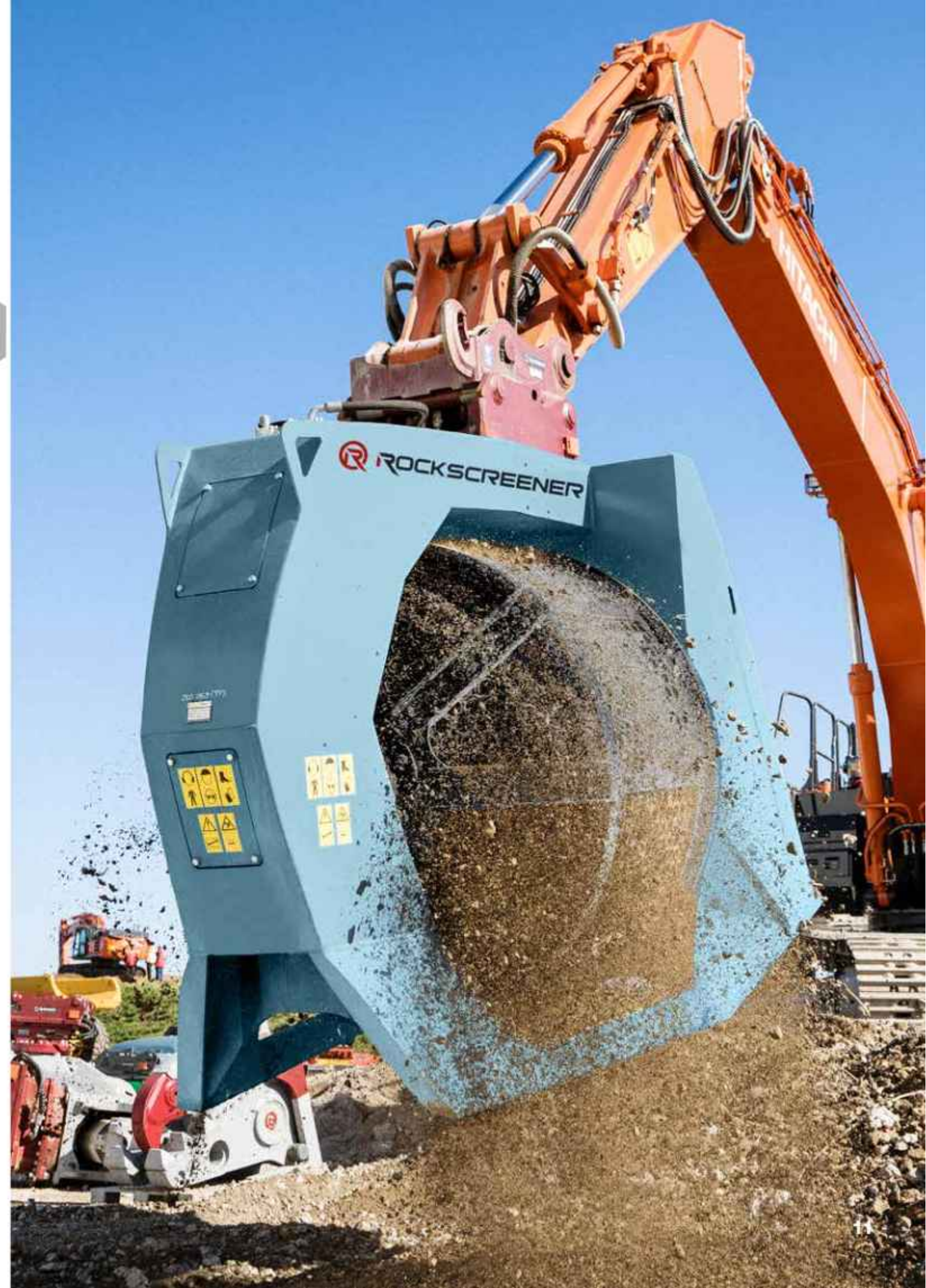
- Screening and sorting of natural materials
- Classification and preparation
- Qualification and refinement of topsoil

RECYCLING AS A NEW BUSINESS SEGMENT

- Preparation, separation and classification

FACTS & FIGURES

Model	RS 800 (HBS 800)	RSS 800 (HBS 800S)	RS 1200 (HBS 1200)	RS 1600 (HBS 1600)	RS 2000 (HBS 2000)
Excavator size t	≥ 8	Skidsteer > 3	≥ 13	≥ 22	≥ 35
Screen drum diameter mm	800	800	1200	1600	2000
Screen drum depth mm	500	500	750	1100	1100
Oil pressure bar	130	130	170	170	170
Oil flow l/min	20	20	75	75	120
Bucket volume in m3	0,25	0,25	0,80	1,90	3,40
Total volume in m3	0,61	0,61	2,00	3,77	5,95
Length mm	1790	1577	2390	3140	3740
Width mm	935	11085	1355	1850	2210
Height mm	1190	990	1600	2130	2230
Weight kg	640	600	1220	2320	4600





YOUR RELIABLE PARTNER



www.rock.zone

ROCK.ZONE GmbH

Sandweg 10 · 74595 Langenburg · Germany

T +49 7905 941 99 0 · info@rock.zone

2022: Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings contained in this document are for illustration only. Please refer to the relevant Operating Manual for instructions on the proper use of this equipment. Failure to adhere to the appropriate Operating Manual when using our products or otherwise negligent behaviour can result in serious injury or death. The standard written warranty is the only warranty that applies to our products. Rocka GmbH provides no further warranty, either expressly nor implied.

EN

ROCK.ZONE



ROCK.ZONE

4- 7

ROCKWHEEL

8- 11

ROCKCRUSHER

12- 13

ROCKSCREENER

14- 15





READY TO ROCK!

Robert Piasecki and his team deliver exactly what customers want, when they want it!

The product range includes over 30 models of drum cutter, crusher buckets and screening buckets.



ROCK.ZONE

One umbrella brand for three attachments: drum cutter, crusher bucket and screening bucket.

WWW.ROCK.ZONE

The umbrella brand is also our website. The extension .zone is a premium domain.

ROCK.ZONE WORLD

Understandable everywhere! English, German, French, Spanish...The term ROCK.ZONE is internationally understood!





THE PERFECT JOB SITE



Knowledge and enthusiasm

Our production works for your perfect job site!



The best attachments are the result of knowledge and enthusiasm. They have their effect on quality and innovation.

We break new ground with you
- innovative, spirited and passionate!



ROCK.ZONE

IS EVEN MORE!

Climate neutrality
our production and headquarters are certified

Water cisterns
we use for our industrial water

PV system and electricity storage
we have

Recycling
we avoid truck trips! With our Rockcrushers, Rockwheels and Rockscreeners material is upgraded and reused!

noise prevention
our machines are low noise and low vibration. Thus we reduce noise pollution - the second largest pollution in the world.



DRUM CUTTER, THAT INSPIRE!

SILENT OPERATION

Perfect for noise sensitive areas

LOWER VIBRATIONS

For cutting in sensitive and urban locations without transmitting vibrations to the surroundings

RUNS WITHIN HAMMER CIRCUIT

Only two hydraulic connections – no case drain line required

REUSABLE CRUSHED MATERIAL

Crushed material with a diameter of 3 cm

MOTOR PROTECTION

Valve technology protects the hydraulic motor

OPTIMIZED POWER-TO-WEIGHT RATIO

Enhanced performance achieved with less weight

APPLICATIONS

DEMOLITION



TRENCH & PIPELINE CONSTRUCTION



EXCAVATION FOUNDATIONS



PROFILING & SMOOTHING



MINING



UNDERWATER



WEITERE

- Soil Mixing
- Landscaping
- Tunneling
- 360° Work
- Cutter Bucket
- Asphalt
- Steel Mills
- and much more

ROCKWHEEL DRUM CUTTERS

Type		C2	G5	G5 twin	D10	D15	D20	D30	G40	G50	G60	G125
Excavator size	t	0.7 - 2.5	2.5 - 6	5 - 10	8 - 12	12 - 18	17 - 26	25 - 38	35 - 45	42 - 52	50 - 70	70 - 125
Hydraulic power	kW	9.5	22	44	29	41	70	110	140	140	220	400
Operating weight	kg	66	181	200	426	595	1.170	1.444	1.662	2.458	2.478	5.420
Maximum pressure	bar	225	400	400	400	400	400	400	400	400	400	400
Number of picks	No.	46	32	32	56	64	64	60	54	56	56	76
Size of pick holder	mm	14	19	19	19	19	25.4	38 / 30	38 / 30	38 / 30	38 / 30	38 / 30
Drum diameter	mm	270	340	340	423	475	646	677	684	726	726	925
Drum width	mm	300	405	405	743	832	1058	1156	835	1050	1050	1494
Drum spacing	mm	60	82	82	103	118	143	143	202	250	250	339
Cutter length	mm	509	618	618	798	937	1155	1170	943	1356	1350	1686
Dimensions of adapter plate	mm	256 x 160	318 x 220	318 x 220	560 x 410	650 x 495	700 x 650	700 x 650	700 x 650	800 x 650	800 x 650	1035 x 1065



**...ALSO FOR FASTER TRENCHING,
HOLES, PROFILING AND REMOVAL**

ROCKWHEEL AXIAL CUTTERS

Type		TC20	TC30	AX10	AX15	AX20	AX30
Excavator size	t	17 - 26	25 - 38	8 - 12	12 - 18	17 - 26	25 - 38
Operating weight	kg	962	1.173	390	390	885	968
Number of picks	No.	32	30	28	32	32	30
Size of pick holder	mm	25,4	38/30	19,4	19,4	25,4	38/30
Drum diameter	mm	650	680	423	475	646	678
Cutter length	mm	1.000	1.030	820	1.170	1.340	1.382
Dimensions of adapter plate	mm	650 x 495	650 x 495	560x360	560x700	650 x 700	650 x 700

ROCKWHEEL CUTTER BUCKET

Type		CB15	CB20	CB30
Excavator size	t	12 - 18	17 - 26	25 - 38
Operating weight	kg	951	1.838	1.968
Number of picks	No.	64	64	60
Drum diameter	mm	474	650	680
Cutter length	mm	1.490	1.000	1.030



ROCKWHEEL PATCH PLANERS

Type		Roadrunner 200	Roadrunner 300	Roadrunner 400	Roadrunner 600
Excavator size	t	1 - 3,5	5 - 8	8 - 14	12 - 18
Hydraulic power	kW	18	30	40	44
Operating weight	kg	140	450	600	750
Working pressure	bar	180-400	180 - 210	180 - 210	130 - 300
Optimum oil flow	l/min	30 - 40	60 - 80	100 - 125	120 - 125
Cutting distance from kerb	mm	50	50	50	80
Cutting line spacing	mm	8	10	10	10
Drum speed	rpm	75 - 101	150 - 200	130 - 170	130 - 170
Number of picks	No.	36	43	58	66
Cutting depth	mm	10 - 20	0 - 120	0 - 120	0 - 170
Drum width	mm	170	300	400	600

Options	C2	G5	D10	D15	D20	D30	G40	G50	G60	G125
rock drums	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
profiling drums		✓	✓	✓	✓	✓	✓	✓	✓	
demolition drums		✓	✓	✓	✓	✓	✓	✓	✓	✓
stump grinding	✓	✓	✓	✓	✓	✓				
360° Rotator	✓	✓	✓	✓	✓	✓	✓	✓		
ripper tooth		✓	✓	✓	✓	✓	✓	✓	✓	
water spray bar		✓	✓	✓	✓	✓	✓	✓	✓	
pick options		✓	✓	✓	✓	✓	✓	✓	✓	✓



ROCKCRUSHER

CRUSH THE PROBLEM

The Rockcrusher is used for the flexible, mobile, and cost-effective processing of natural rock and construction waste recycling. With minimal space and time requirements, reusable material can be produced on site.

The material can be used with the crusher bucket right where it is excavated or produced!

CONCRETE

BRICK

ASPHALT

NATURAL ROCK

GLASS

CERAMIK

ADDED VALUE

The crushed and cubic-shaped material can be used directly on the construction site for backfilling.

The cubic material reduces unevenness during compaction and prevents subsidence. Transport and material costs due to additional purchase of aggregate are eliminated.

THAT ROCKS!



CUSTOMISED TECHNOLOGIES

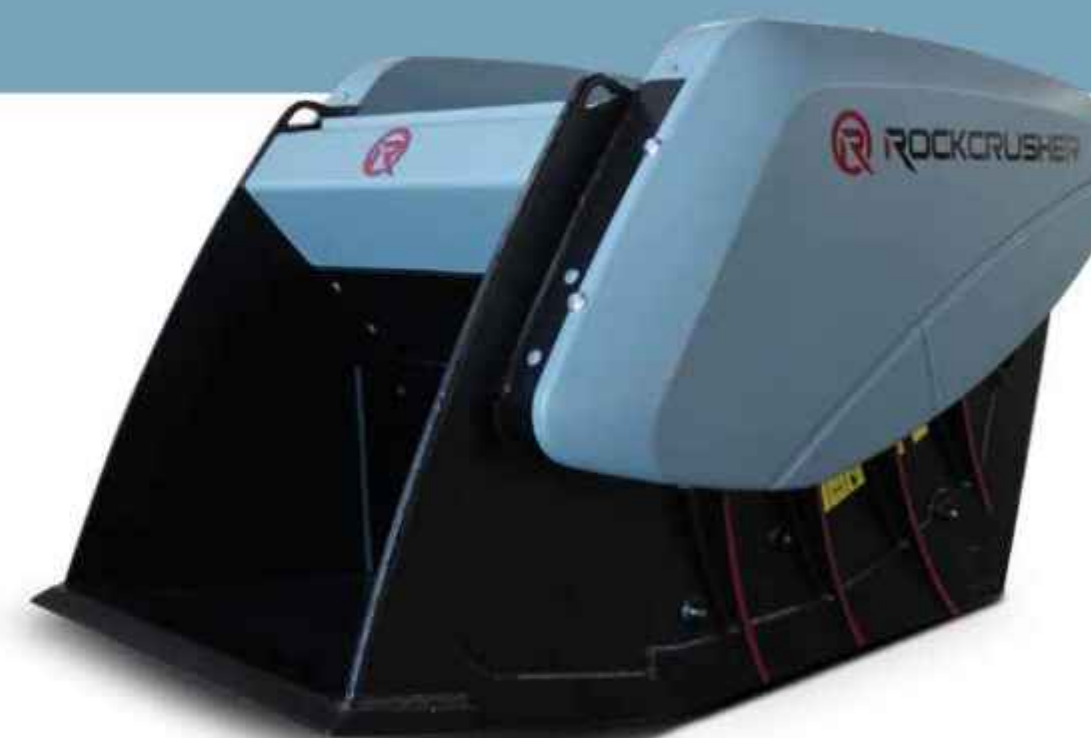
- Quattro Movement
unique movement enables cube-shaped end product
- Reverse Function
efficiently removes jammed material

HIGH DURABILITY

- most robust design on the market
- replaceable wear parts

THE BEST PRICE-PERFORMANCE RATIO

- low investment - ideal for start-ups or small operations
- low operation costs - 1 EUR per crushed ton
- more tons per hour through XXL jaw plates
- increased revenue through cubical material
- only one operator and one excavator needed
- no disposal cost
- no transportation of material



Model	RC 7 R (HBC 650)	RC 9 R (HBC 750)	RC 11 R (HBC 950)	RC 13 R (HBC1250)
Excavator size t	≥ 12	≥ 20	≥ 25	≥ 35
Inlet opening mm	650 x 500	750 x 500	950 x 525	1250 x 570
Surface size jaw plates m ²	0,9	1,2	1,7	2,4
Gap adjustment min-max mm	10 - 100	12 - 100	12 - 100	12 - 120
Oil flow in l/min	>100	>145	>200	>290
Oil pressure in bar	220	220	220	220
Weight in kg	2000	3000	4100	6100
Length in mm	1940	2210	2350	2570
Width in mm	1100	1210	1450	1820
Height in mm	1300	1370	1390	1550



ROCKSCREENER

RECYCLING

The Rockscreener upgrades seemingly worthless waste material. Mixed material is screened & sorted.

ENVIRONMENTALLY FRIENDLY

The Rockscreener processes the material where it is needed: on the construction site. Onsite reuse saves transport costs and protects the environment at the same time.

Demolition

Sorting of demolition material
Pre- and post-screening during the crushing process

Landscaping

Grading and upgrading of topsoil
Screening of wood chips
Reusable material on site
Sorting sizes and types of material

60% TIME SAVING

Pre-screening before using the Rockcrusher saves 60% time in the crushing process.

Road and earthworks

Screening out for optimum use e.g. certain sizes and aggregates

Natural stone processing

In gravel pits, river rock, and sand pits

Trench & pipeline construction

Producing backfill material directly on the construction site

MAINTENANCE-FREE GEARBOX

Every Rockscreener is equipped with an extra large and maintenance-free gearbox.

XXL DRUM VOLUME

The XXL drum volume enables a higher throughput per minute.

WITHOUT GUIDE ROLLERS

Due to the extra large gearbox, guide rollers are not required. Hence, the constant wedging of material on the rollers is eliminated with the Rockscreener.

HARDOX REINFORCEMENT

The frame of the Rockscreener is reinforced with Hardox, making it extremely robust and resistant.

HONEYCOMB NET SIZES

The honeycomb screen structure ensures optimised balance between exact sizing and high throughput.

XXL HOPPER VOLUME

The area in front of the screening drum can hold more material:

- Reduction in number of swings
- Increased throughput capacity
- Prevents material from falling into the screened pile

Model	RS 800 (HBS 800)	RSS 800 (HBS 800S)	RS 1200 (HBS 1200)	RS 1600 (HBS 1600)	RS 2000 (HBS 2000)
Excavator size t	≥ 8	Skidsteer > 3	≥ 13	≥ 22	≥ 35
Screen drum diameter mm	800	800	1200	1600	2000
Screen drum depth mm	500	500	750	1100	1100
Oil pressure bar	130	130	170	170	170
Oil flow l/min	20	20	75	75	120
Bucket volume in m3	0,25	0,25	0,80	1,90	3,40
Total volume in m3	0,61	0,61	2,00	3,77	5,95
Length mm	1790	1577	2390	3140	3740
Width mm	935	11085	1355	1850	2210
Height mm	1190	990	1600	2130	2230
Weight kg	640	600	1220	2320	4600



www.rock.zone



ROCK.ZONE GmbH

Sandweg 10 · 74595 Langenburg · Germany

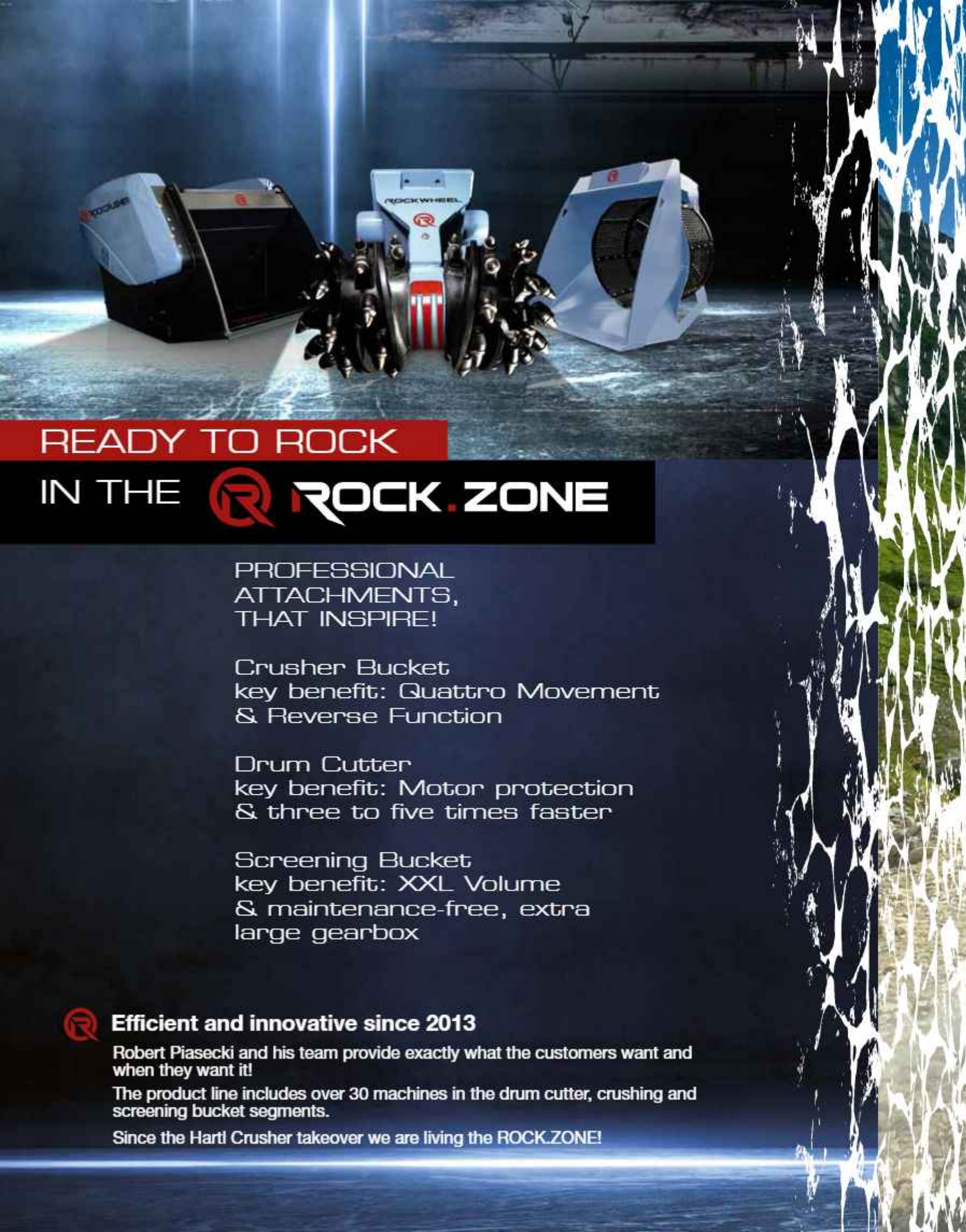
T +49 7905 941 99 0 · info@rock.zone

October 2022



ROCKCRUSHER

BY  ROCK.ZONE



READY TO ROCK IN THE ROCK.ZONE

PROFESSIONAL
ATTACHMENTS,
THAT INSPIRE!

Crusher Bucket
key benefit: Quattro Movement
& Reverse Function

Drum Cutter
key benefit: Motor protection
& three to five times faster

Screening Bucket
key benefit: XXL Volume
& maintenance-free, extra
large gearbox



Efficient and innovative since 2013

Robert Piasecki and his team provide exactly what the customers want and when they want it!

The product line includes over 30 machines in the drum cutter, crushing and screening bucket segments.

Since the Hartl Crusher takeover we are living the ROCK.ZONE!





APPLICATIONS

Mobile and flexible.

CRUSH THE PROBLEM

The Rockcrusher is used for the flexible, mobile, and cost-effective processing of natural rock and construction waste recycling. With minimal space and time requirements, reusable material can be produced on site.

The material can be used with the crusher bucket right where it is excavated or produced!

ADDED VALUE

The crushed and cubic-shaped material can be used directly on the construction site for backfilling.

The cubic material reduces unevenness during compaction and prevents subsidence. Transport and material costs due to additional purchase of aggregate are eliminated.

MATERIAL

- Concrete
- Glass and ceramic
- Natural Rock
- Mixed inert material
- Asphalt
- Brick



- DEMOLITION
- EXCAVATION
- QUARRYING

- RECYCLING
- INFRASTRUCTURE
- NATURAL ROCK

- on-site crushing
- no disposal costs
- no transportation costs
- low operation costs
- 1 EUR per crushed ton

- cube-shaped end product
- work in restricted areas
- working along the railways
- without permit requirement
- reusable backfill material



ADVANTAGES [®]

Unrivaed. Higher throughput.

QUATTRO MOVEMENT

Unique crushing movement.
Guarantees higher throughput, a higher content of cubic-shaped end product, less fines, and less wear on the crushing plates.

- pre-crushing in the upper part of the crushing chamber
- high throughput capacity
- less friction = less wear
- 30% more cube-shaped end product

THE UNIQUE WAY OF WORKING

The upper part of the crushing chamber enables a pre-crushing of the material.
It allows a greater amount of material to be loaded.

The pre-crushed material pushes down into the middle part of the crushing chamber enabling secondary crushing and an optimal material flow with high throughput capacity.

The lower part of the crusher shapes the material into a cube-shaped end product.



THAT ROCKS! [®]

QUATTRO MOVEMENT

- higher throughput
- increased cubic-shaped end product
- limited flakes and fines
- reduced wear on jaw plates
- Even round material (e.g. river rock) can be crushed efficiently



REVERSE CRUSHING FUNCTION



ADVANTAGES®

Unique. Superior technology.

REVERSE FUNCTION

Jammed material is easily ejected by reversing the crusher movement.
At the flick of a switch!

- crushing with no interruption
- no more smashing the bucket against the ground
- no extra emptying of the bucket
- increased productivity



DOUBLE SPRING

Rockcrusher double spring system reduces the potential for spring malfunction while stabilizing the toggle plate and buffering the movement of the jaw plates.



CENTRAL LUBRICATION

Central lubrication with only one lubrication point for easy servicing.



ROBUST JAWSTOCK

Casted in one piece, the jawstock provides a robust base for the crusher, ensuring mechanical resilience and stability.



COVER PROTECTION

The side protection protects the frame from damage.



WEAR PLATES

The Rockcrusher has replaceable cheek plates to help avoid wear on the frame structure.



OPTIONS

Water Spray Bar:

Integrated spraying system for dust suppression.

Camera:

Camera and monitor for live monitoring of the crusher chamber.

Magnet:

For Sorting metals after crushing mixed material such as reinforced concrete.

THAT ROCKS!



CUSTOMISED TECHNOLOGIES

- Quattro Movement
unique movement enables cube-shaped end product
- Reverse Function
efficiently removes jammed material

HIGH DURABILITY

- most robust design on the market
- replaceable wear parts

THE BEST PRICE-PERFORMANCE RATIO

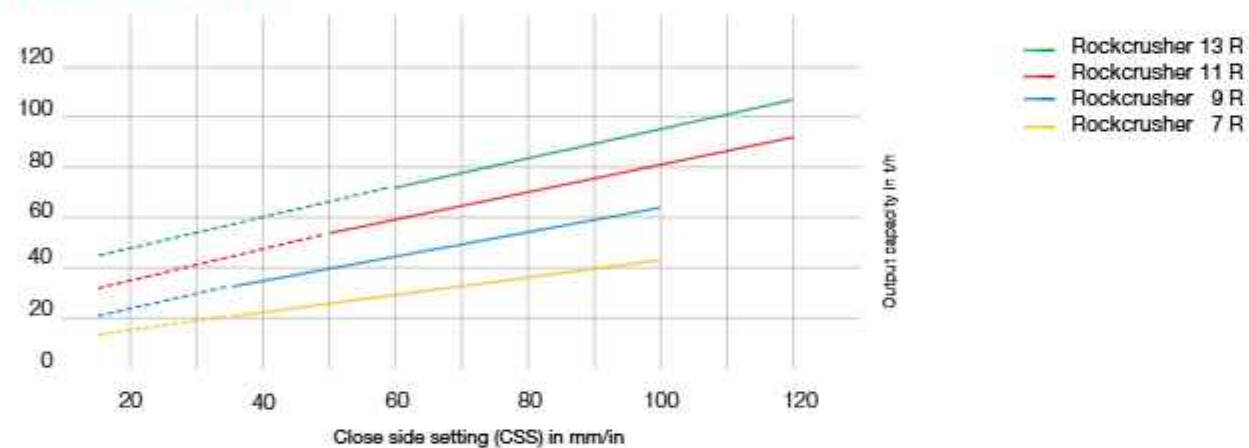
- low investment - ideal for start-ups or small operations
- low operation costs - 1 EUR per crushed ton
- more tons per hour through XXL jaw plates
- increased revenue through cubical material
- only one operator and one excavator needed
- no disposal cost
- no transportation of material

FACTS & FIGURES

Performance.

The Rockcrusher breaks the material most efficiently at a ratio of 1:6. With the variable gap setting, the final size is determined by the user.

ROCKCRUSHER *



* The production capacities vary based on material, feed size and close side setting. Indicated capacities based on medium hard material crushed under optimal conditions and taking the swivel time into account.

Model	RC 7 R (HBC 650)	RC 9 R (HBC 750)	RC 11 R (HBC 950)	RC 13 R (HBC1250)
Excavator size t	≥ 12	≥ 20	≥ 25	≥ 35
Inlet opening mm	650 x 500	750 x 500	950 x 525	1250 x 570
Surface size jaw plates m²	0,9	1,2	1,7	2,4
Gap adjustment min-max mm	10 - 100	12 - 100	12 - 100	12 - 120
Oil flow in l/min	>100	>145	>200	>290
Oil pressure in bar	220	220	220	220
Weight in kg	2000	3000	4100	6100
Length in mm	1940	2210	2350	2570
Width in mm	1100	1210	1450	1820
Height in mm	1300	1370	1390	1550





YOUR RELIABLE PARTNER



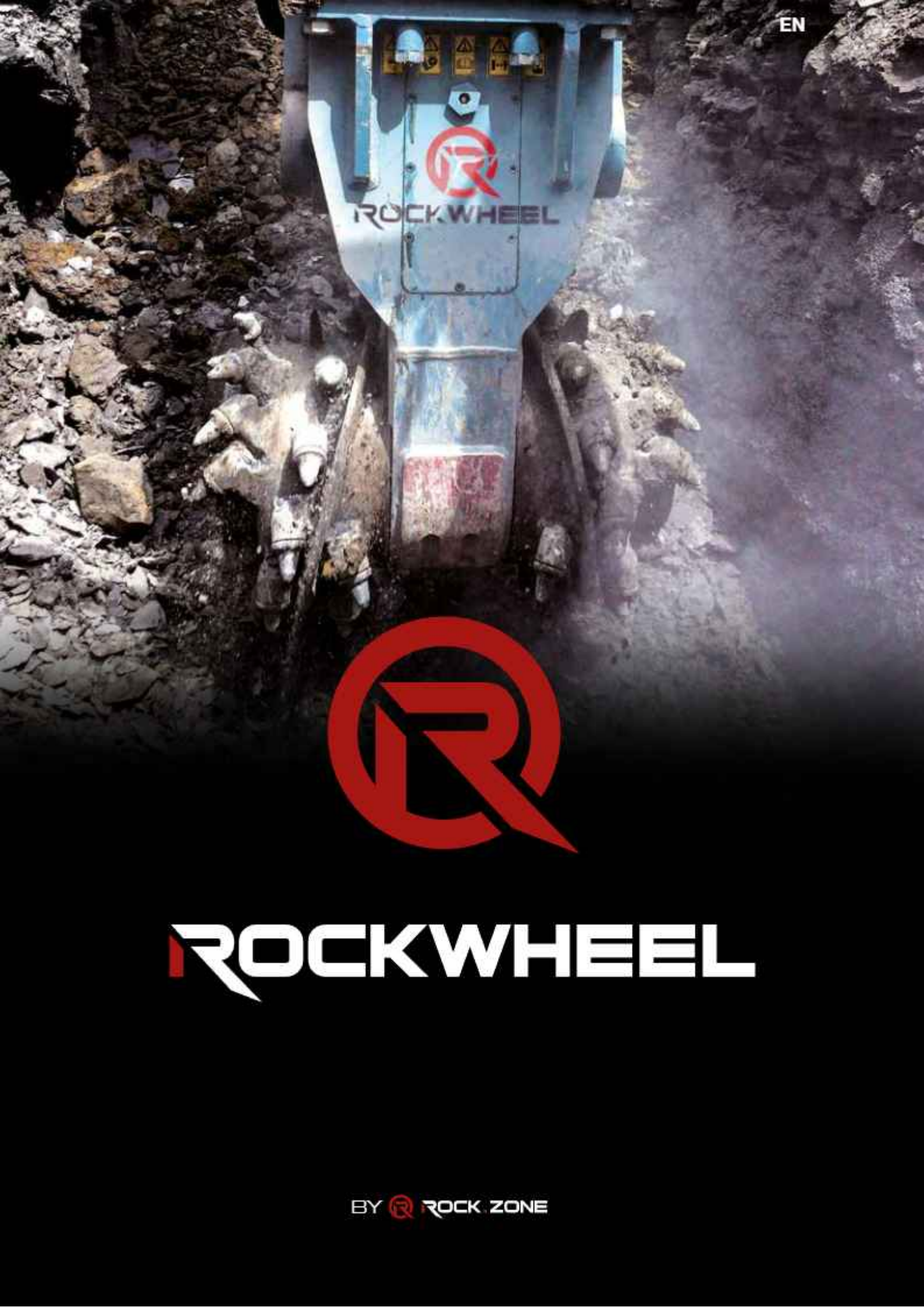
www.rock.zone

ROCK.ZONE GmbH

Sandweg 10 · 74595 Langenburg · Germany

T +49 7905 941 99 0 · info@rock.zone

May 2022: Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings contained in this document are for illustration only. Please refer to the relevant Operating Manual for instructions on the proper use of this equipment. Failure to adhere to the appropriate Operating Manual when using our products or otherwise negligent behaviour can result in serious injury or death. The standard written warranty is the only warranty that applies to our products. Roka GmbH provides no further warranty, either expressly nor implied.



ROCKWHEEL

BY  ROCK.ZONE



CONTENT

Get unrivalled results with a Rockwheel drum cutter: does the work effectively which leaves you with fine crushed material.

page: 4 - 5

ABOUT US

page: 6

APPLICATIONS

page: 7

ADVANTAGES

page: 8 - 9

DEMOLITION



page: 10 - 11

TRENCH &
PIPELINE
CONSTRUCTION



page: 12 - 13

EXCAVATION
FOUNDATIONS



page: 14 - 15

PROFILING
& SMOOTHING



page: 16- 17

MINING



page: 18 - 19

UNDERWATER



page: 20 - 21

TUNNELING



page: 22 - 23

ASPHAHLT



page: 24 - 25

STEEL MILLS



page: 26 - 27

LANDSCAPING



page: 28 - 29

SOIL MIXING



page: 30 - 31

360° WORK



page: 32 - 33

CUTTER
BUCKET



page: 34 - 37

OUR PRODUCT RANGE

page: 38 - 41

THE FACTS AND FIGURES

page: 42 - 43

DRUMS AND PICKS



READY TO ROCK IN THE **ROCK.ZONE**

PROFESSIONAL
ATTACHMENTS,
THAT INSPIRE!

Crusher Bucket
key benefit: Quattro Movement
& Reverse Function

Drum Cutter
key benefit: lower noise & vibrations
& three to five times faster

Screening Bucket
key benefit: XXL Volume
& maintenance-free, extra
large gearbox



Efficient and innovative since 2013

Robert Piasecki and his team provide exactly what the customers want and when they want it!

The product line includes over 30 machines in the drum cutter, crushing and screening bucket segments.

Since the Hartl Crusher takeover we are living the ROCK.ZONE!



ADVANTAGES[®]

Perfect. Everywhere.

EXTENSIVE RANGE[®]

Extensive range of applications for Rockwheel drum cutter.

MOTOR PROTECTION

Valve technology protects the hydraulic motor

RUNS WITHIN HAMMER CIRCUIT

Only two hydraulic connections – no case drain line required

SILENT OPERATION

Perfect for noise sensitive areas

LONGEST EXPERIENCE ON THE MARKET

Developed by Webster Technologies

REUSABLE CRUSHED MATERIAL

Crushed material with a diameter of 3 cm

GEAR RATIO

Geared drum cutters with a gear ratio of up to 2:1 for maximum torque – invented and unrivalled

OPTIMAL PICK LACING

Maximum performance and smooth operations

SHORT DESIGN

Optimized transmission of power from the excavator to the Rockwheel

OPTIMIZED POWER-TO-WEIGHT RATIO

Enhanced performance achieved with less weight

EXTREMELY HEAVY-DUTY

For the toughest jobs

LOWER VIBRATIONS

For cutting in sensitive and urban locations without transmitting vibrations to the surroundings

STRENGTH OF MATERIALS (MPa)



soft material
(up to 10)



medium to hard material
(10 to 100)



hard material
(100 to 200)



extremely hard material
(over 200)



DEMOLITION

Resistance is futile.

DEMOLISH AND CUT - IN A SINGLE STEP

Unrivalled performance enables Rockwheel drum cutters to effortlessly crush concrete – including steel reinforcement.

No additional tools are required in order to cut rebar. Resulting crushed material is the same size as gravel, making its removal easier and efficient.

LOWER NOISE LEVEL FOR USE IN SENSITIVE AREAS

Demolition with drum cutters is a lower noise activity! This is important when working in sensitive locations, such as urban and residential areas.

Moreover, the use of drum cutters results in lower vibration as it eliminates the typical impact energy of breakers.

BUILD TO DEMOLISH

With their massive full-length Hardox® central protective plates, reinforced housing and carbide-tipped picks, heavy-duty Rockwheel drum cutters are almost unbreakable.



THAT ROCKS

- Lower vibration minimizes machine wear and environmental impact
- Cuts rebar and flat bar
- Perfect for noise-sensitive locations
- Reusable crushed material (gravel-sized)
- Crushed material can be easily removed
- Rugged steel structure with Hardox reinforcements
- Can be used for removal in layers
- Faster than hammers on similar materials
- No case drain line required
- Mounted spray nozzle ensures dust-free work

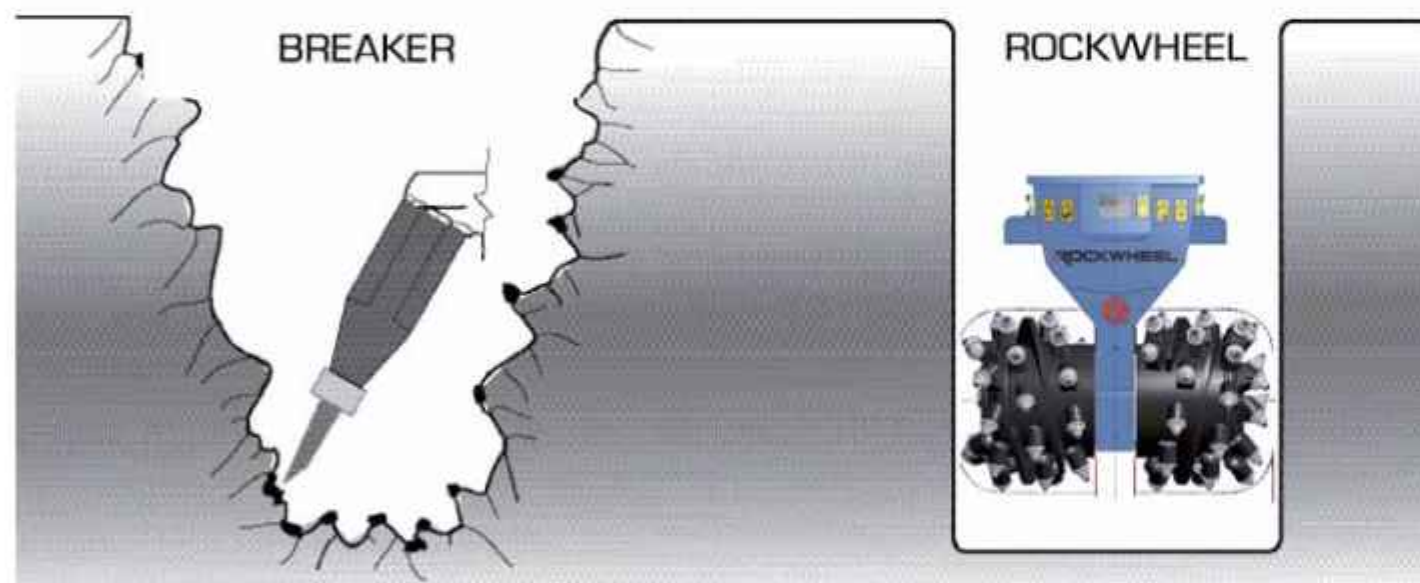


ACTION HERO



EXCAVATION TRENCH & PIPELINE

Cutting is the key for the perfect trench.



WORKING WITH BREAKERS:

In contrast, hammers produce irregular walls and require a funnel shape as a trench's depth increases.

Not only that, but the chipping that results from hammering can unintentionally widen trenches.

Rockwheels eliminate these problems.

HIGH-PRECISION TRENCHES IN RECORD TIME

The only way to achieve consistently smooth and vertical trench walls is by grinding. In fact, Rockwheel drum cutters always cut rock material at their exact drum width regardless of depth, ensuring that trenches always have the planned width.



ROCKWHEEL TRENCH AND AXIAL CUTTERS

Rockwheel trench cutters are the ideal choice for very narrow trenches. Featuring only one rotary drum, they are able to excavate this type of trench, and the integrated stabilizing wheel helps relieve the load on the excavator slewing ring.

Meanwhile, Rockwheel axial cutters are the right choice when it comes to vertical holes in the ground, and also featuring only one rotary cutter in order to ensure that the end result is a perfect trench.

THAT ROCKS



- Drum width = Trench width
- Three to five times faster than hammers when working on medium hard type of rock
- Reusable ground material (diameter of 1 – 3 cm)
- Consistently smooth and stable trench walls
- Up to 50% less excavation volume
- Extremely powerful and precise
- Most robust design on the market
- Lower vibration and lower noise
- Can be used in sensitive locations such as urban and residential areas



EXCAVATION FOUNDATIONS®

Turn to cutting when your bucket reaches limits!

EFFICIENT IN MEDIUM TO HARD MATERIAL

Between the bucket and the hammer: there's where you will find the drum cutter. This means that Rockwheels are designed to deliver unrivalled results. In fact, they are the ideal solution for excavation projects.

Also, with their cutter drums Rockwheels cut through material and pulverize it three to five times faster than a hammer. Moreover, the resulting gravel-sized material is more manageable and can be removed in a more cost-effective manner.

PERFECT FOR NOISE-SENSITIVE AREAS

Rockwheel drum cutters are the ideal choice when it comes to problematic projects, such as cities or in urban areas. In addition, the drum cutters feature a lower vibration design, as they won't have any impact on adjacent buildings.



THAT ROCKS



- The most efficient attachment for medium rock
- Three to five times faster than hammers
- In scenarios where a bucket is reduced to nothing but scratching, a drum cutter can cut through the material effortlessly
- Gravel-sized cut material
- Easy removal
- Lower vibration and lower noise



PROFILING & SMOOTHING®

Precision meets effectiveness.

PRECISION MEETS EFFECTIVENESS

Some jobs require a combination of precision and power and this definitely applies to profiling and smoothing work. This is where Rockwheels come in: not only do they guarantee impressive power, but they deliver perfectly steady and consistent work thanks to a perfectly fine-tuned pick lacing.

When restoring sensitive concrete structures such as foundations and bridge piers, Rockwheel drum cutters work with levels of precision that no other attachment can match.

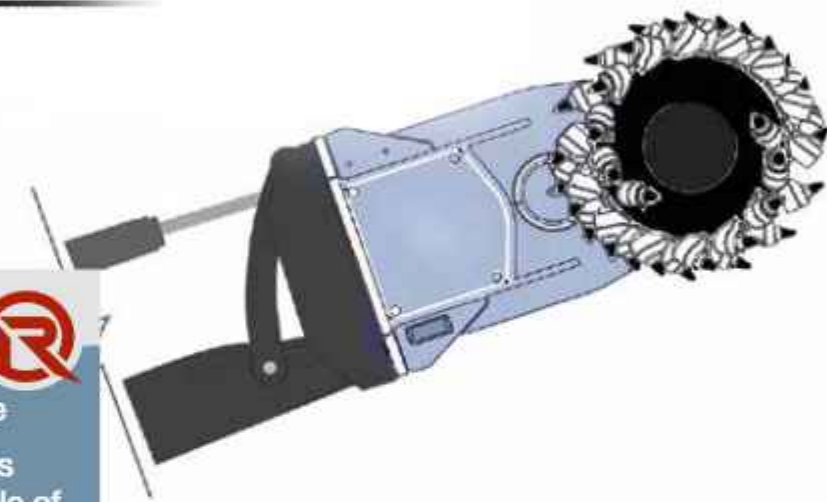
In fact, a Rockwheel is the right choice even when it comes to challenging work such as smoothing the walls or blocks.

It also makes the operation fatigue-free, which is an important advantage.



THAT ROCKS®

- Powerful and precise
- Prevents microcracks
Shallow profiling angle of less than 45 degrees
- Steady and smooth work achieved with an optimized pick lacing



shattered / rough material

smooth wall
accurate cut

undisturbed material

SMOOTH OPERATOR



MINING

3 times greater.

OPTIMAL CUTTING PERFORMANCE FOR MINING

The extremely short Rockwheels, combined with their sturdy and indestructible housing, are guaranteed to make quick work of the rock being removed. Moreover, they leave projections clearly visible and easy to work on immediately as opposed to ripper teeth, which break up large pieces of rock and make work difficult for excavator operators.

When removed material is internally processed as aggregate, Rockwheels kill two birds with one stone. This stands in sharp contrast to hammers, which produce larger pieces of rock.

Working with Rockwheel units is far less strenuous and exhausting for excavator operators when compared to the bone-breaking blows produced when using ripper teeth. In fact, these units not only go gentle on operators, but also on the excavators themselves by reducing the mechanical load to which the latter are subjected.



THAT ROCKS

- Two to three times better removal performance
- Lower vibration work
Projections can be cut simultaneously
- Special picks for abrasive material available
- Sandy brine water is not an issue
- Removal performance depends on rock hardness, toughness, and hard-wearing materials
- Smaller excavated material



UNDERWATER®

True workhorses.

RELIABLE UNDERWATER POWER WITHOUT THE NEED FOR ALTERATIONS

Rockwheels are true workhorses when it comes to work in shallow and deeper waters. Whether it involves foundation work, trench construction, lowering the water table, or other tasks, Rockwheels are the safest and most effective and reliable choice for underwater jobs.

And unlike hammers, which require extensive alterations, Rockwheels can be used underwater at any time and instantly. In fact, Rockwheel drum cutters will continue to work reliably and efficiently without any alterations and therefore they are the perfect choice for soft to hard materials either above or below water.

As for underwater work with poor visibility, a GPS positioning system for the excavator and the drum cutter can be invaluable. Moreover, divers can monitor underwater work safely.



THAT ROCKS!



- Underwater reliability without the need for alterations
- Same areas of application as above water
- Every fourth or fifth cutting unit job is an underwater project
- Every single underwater specialist owns a drum cutter
- Extreme depths of over 2,000 m are possible

HYDROPOWER



TUNNELING®

More precision. More speed.
More efficiency.

EVERY TUNNEL USES A ROCKWHEEL

Tunnel construction not only requires precise and powerful work, it's crucial that cracks are prevented. This is where low-vibration cutting can prove to be invaluable, as it prevents the production of dangerous cracks and undesirable vibrations.

Rockwheel drum cutters shape tunnels, remove projections, and when used with a rotator, have an operating radius of 360°. Moreover, they have a mounted water spray nozzle that can be used to directly suppress dust. Finally, the cut material has the size of gravel, making it easy to remove from the tunnel site.

Whether a tunnel will be used for rail, road vehicles, watercraft, pedestrians, pipes, or power cables, Rockwheel drum cutters are the perfect choice thanks to their combination of precision and efficiency.



The drum cutter has its origin in the mining applications. In the past they have been used on Roadheaders.

Rockwheel Inventor Ian Webster designed the stand alone cutters 25 years ago.



SPEARHEAD



THAT ROCKS!®

- Lower noise and lower vibration
- Prevent microcracks
- Fatigue-free work
- Operating radius of 360° with rotator
- Mounted spray nozzle ensures dust-free work
- Remove projections
- Gravel-sized cut material
- Eliminate landfill and disposal fees

ASPHALT®

Roadrunner –
Surely faster.

CUTTING IN ALL POSITIONS

Whether it is for horizontal or vertical work – Rockwheel patch planers are always cost-effective and high-performance attachments. Roadrunner heavy-duty units certainly make a compelling case for being selected to use on asphalt, rock, concrete and contaminated surfaces.

Their low vibration, perfectly straight alignment, and parallel cutting edges make them the ideal attachment for repairing surfaces, performing precise contouring work, and efficient milling.

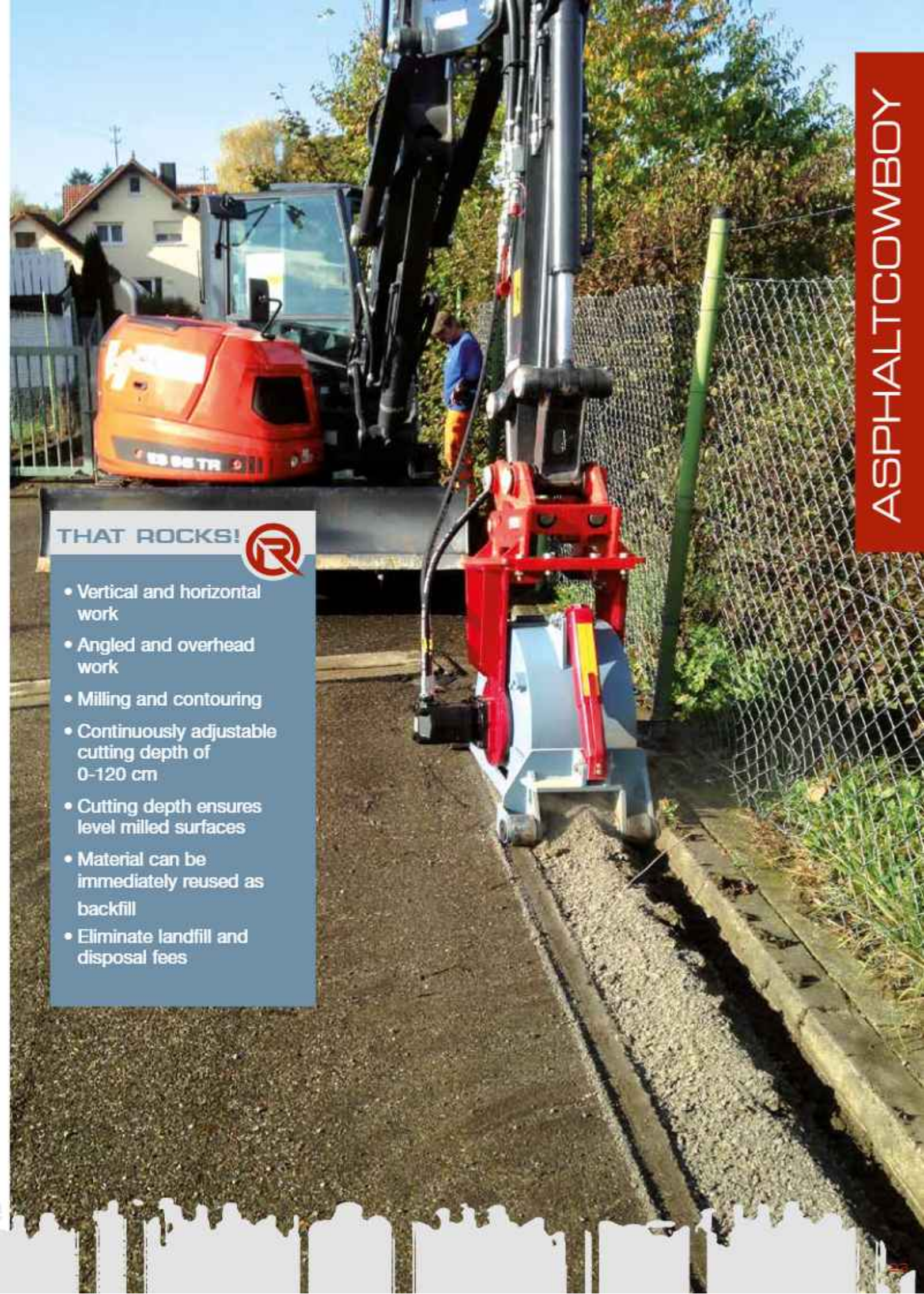
When it comes to asphalt work, the Roadrunner combines all three usual steps. The perfectly straight and the adjustable cutting depth eliminate corrective cutting and imprecise breaking. Moreover, the gravel-sized milled material can be reused immediately, eliminating landfill and disposal fees.



THAT ROCKS!®

- Vertical and horizontal work
- Angled and overhead work
- Milling and contouring
- Continuously adjustable cutting depth of 0-120 cm
- Cutting depth ensures level milled surfaces
- Material can be immediately reused as backfill
- Eliminate landfill and disposal fees

ASPHALTCOWBOY





STEEL MILLS®

Stays cool.

WORKING UNDER EXTREME HEAT

Rockwheel drum cutters are perfect for the precise profiling of the interior surface of cauldrons or boilers at steel mills, removing both projections as well as residues. Drum cutters are able to withstand the residual heat in cauldrons better than any other conventional attachments, and in contrast to hammers are able to precisely profile boilers without punching any holes into the boiler wall.

Every time oil, gas, or solid fuels such as coal, wood, or steel are burned, residues such as ash, soot, sludge, and slag are produced. These residues settle inside the boiler and need to be removed.



STEELWORKER

THAT ROCKS®



- Precise profiling
- Does not punch holes into cauldron / boiler walls
- Able to cut hard material



LANDSCAPING®

Cutting force above ground.

QUICKER STUMP GRINDING

There are two efficient solutions available:

Rockwheel with wood picks

Standard picks can be quickly replaced with wood picks. These wood picks are not only rugged, they are also unaffected by the rocks commonly found among roots.

Rockwheel with wood drums

Another option is using a wood cutting wheel, which features sharp blades that can grind roots and tree stumps in less time. Additionally, the fact that this wood cutting wheel has a large diameter guarantees an extremely high peripheral velocity.



FORESTRY AND TRAIL BUILDING

Their powerful performance makes drum cutters indispensable when building and maintaining trails and roads for pedestrians and vehicles.

Clearing roots from the ground, cutting thick hedges, and building trails through thick underbrush are just some of the applications that these drum cutters can tackle precisely, quickly and quiet.

LANDSCAPING AND EARTHWORK

Loosening compacted soil is one of the tasks that needs to be taken care of when creating new landscaping, and a Rockwheel C2 or G5 on a small excavator is a powerful and efficient way to take care of it.

Needless to say, using small excavators also comes with an additional benefit in that it prevents damage to the adjacent site. This means that preparing drains, lawns, walkways etc. could not be easier.

THAT ROCKS®



- It takes 15 minutes to replace standard picks with wood picks
- High peripheral velocity makes wood cutting wheel three times faster
- Wood cutting wheel with sharp blades
- Clear underbrush, roots, thick hedges
- Quickly loosen compacted soil
- Prepare drains and walkways

LUMBER JACK





SOIL MIXING®

The Performance with Economy.

CUT THE COSTS WITH HOMOGENEOUS MIXING

Rockwheel soil mixers are used to compact and stabilize soil and to carry out environmental remediation work.

An optimal paddle arrangement guarantees the homogenous mixing of the substrate or of the substrate with an additive.

One of the many applications is treating contaminated material on-site in such a way that pollutants are reliably prevented from leaching. In fact, this can completely eliminate the need to dispose of material at hazardous waste landfills, thereby avoiding the high cost and complexity involved in doing so.

Our soil mixers can be used with compact excavators or carriers within a range of up to 125 metric tonnes. Optional equipment options include depth limiters, extensions, injectors, and adapter plates.



THAT ROCKS!®

- Homogeneous mixing
- Compacting and stabilizing
- Mixing contaminated material
- Eliminate disposal costs
- Eliminate hazardous waste landfill costs
- Various paddle sizes
- Can be equipped with injectors and depth limiter



UNLIMITED[®] FLEXIBILITY

360° Work.


EXPAND YOUR OPTIONS

Rockwheel drum cutters operate perfectly with a rotator. This slewing ring with infinite rotation is installed directly on the Rockwheel and performs high-precision cutting. Moreover, the fact that the drum cutter can be rotated in this way means that the operating radius is increased to 360°.

The rotator unit ensures that the rotary cutter will always assume the most effective position for its grinding work, significantly improving overall performance.

Drum cutters with a rotator can be mounted on excavators with an operating weight of up to 50 metric tonnes.



- THAT ROCKS!** 
- 360° operating radius
 - Faster & heavy duty rotation
 - Infinite, variable rotation
 - Improves cutting performance in trench & tunnel construction
 - Adapter plate makes it possible to do lateral clearing with the cutting unit turned



CLEANING[®] SPECIALIST

- THAT ROCKS!** 
- easy cleaning
 - steel brush instead picks

ROCKWHEEL WITH A BRUSH

The easiest way to clean piles!

In the past, crumpled steel mats or or water under high pressure were used for this applicatin. The more efficient way is to use a Rockwheel with a steel brush instead picks.

Soil and other loose material on the piles can be quickly and efficiently removed with a Rockwheel.



CUTTER BUCKET®

Two united.

COMBINING CUTTING AND EXCAVATION

Our cut and load bucket, in short term cutter bucket (CB), combines cutting and excavation.

The number of machine combinations that are proving to be invaluable at work sites because of their efficiency and cost-effectiveness is constantly increasing.

This particular combination is ideal for variable soil conditions, as it makes it possible to dig and cut when soft and medium soils are next to each other. Moreover, the gravel-sized excavated material can then be used as backfill.

In trench construction applications, precise cutting can result in up to 50% less excavation volume when compared to hammers, with the latter making it necessary to increasingly widen trenches as they get deeper.



THAT ROCKS!®

- Eliminate constantly changing attachments
- Crushing excavation material on-site
- Mixing excavated material
- Reduce your machines removal and backfill costs



ALLROUND GENIUS

MAKE THE RIGHT CHOICE

We offer drum cutters for machines with an operating weight of 1 to 125 tonnes.

The number that comes after the model C (Chain), D (Direct) and G (Gearbox) refers to the average operating weight of the excavator.



THE LIGHTWEIGHT CHAMPION

C2

Rockwheel with chain drive

- Power: 9.5 kw
- Maintenance-free chain drive unit
- 66 kg - the lightest unit in the market
- Ideal for micro and mini excavators from 1 to 3 t



THE BEST SOLUTION FOR COMPACT-EXCAVATORS

G5 / G5 TWIN

Rockwheel with gearbox drive

- Power: 22 / 44 kW
- Transmission with ratio for maximum torque
- Available with a second motor for double the power
- For excavators from 3 to 12 t



PURE POWER

G40 / G50 G60 / G125

Rockwheel with gearbox drive

- Power 140 / 140 / 220 / 400 kW
- Twin motor technology power and optimum weight distribution
- Solid and heavy-duty design for a long life
- For excavators from 35 to 125 tonnes

OPTIMUM VALUE FOR MONEY

D10 / D15 D20 / D30

Rockwheel with direct drive

- Power: 29 / 41 / 70 / 110 kW
- Robust Technology with only three main components: housing, motor and cutting drums
- For excavators from 8 to 38 t





FIND EVEN MORE!

For every application the right tool. Ensuring that you always get the very best cutting performance.



VERTICAL MASTER AX10 / AX15 AX20 / AX30

- Rockwheel for holes**
- power: 29 / 41 / 70 / 110 kW
 - fast and precise
 - for excavators from 8 - 38 t



STRONG WITH STABILISATION TC20 / TC30

- Rockwheel for faster trenching**
- power: 70 / 110 kW
 - with stabilisation wheel
 - for excavators from 16 - 38 t



CUT & LOAD CB15 / CB20 CB30

- Rockwheel with direct drive in a bucket**
- power: 41 / 70 / 110 kW
 - cut, crush, mix and load
 - small gravels
 - for excavators from 16 - 38 t

PATCH PLANER

RR200 RR300 RR400 RR600

- Profiling and Cutting**
- power: 18 / 30 / 40 / 44 kW
 - cutting depths from 0 to 120 cm stepless adjustment
 - for excavators from 1 - 14 t



SUPERIOR ENGINEERING®



THE FACTS AND FIGURES

Even hard facts and figures can be impressive.
See for yourself!

ROCKWHEEL DRUM CUTTERS

Type		C2	G5	G5 twin	D10	D15	D20	D30	G40	G50	G60	G125
Excavator size	t	0.7 - 2.5	2,5 - 6	5 - 10	8 - 12	12 - 18	17 - 26	25 - 38	35 - 45	42 - 52	50 - 70	70 - 125
Hydraulic power	kW	9.5	22	44	29	41	70	110	140	140	220	400
Operating weight	kg	66	181	200	426	595	1.170	1.444	1.662	2.458	2.478	5.420
Maximum pressure	bar	225	400	400	400	400	400	400	400	400	400	400
Working pressure	bar	50 - 225	180 - 400	180 - 400	180 - 400	180 - 400	180 - 400	180 - 400	180 - 400	180 - 400	180 - 400	180 - 400
Max. oil flow	l/min	60	65	100	112.5	132	320	460	540	540	680	1000
Optimum oil flow	l/min	30	40	80	60	120	220	320	360	360	540	800
Reduction ratio		1:1	2:1	2:1	1:1	1:1	1:1	1:1	1.3:1	1.2 : 1	1.2 : 1	1.2 : 1
Drum speed	rpm @l/min	98 @30	50 @40	95 @80	80 @60	96 @120	78 @220	76 @320	49,6 @360	52 @360	64 @540	40 @1.000
Pick speed	m/s @l/m	1,39 @30	0,89 @40	1,7 @80	1,8 @60	2,4 @120	2,2 @220	2,7 @320	1,8 @360	2,1 @360	2,4 @540	1,9 @1.000
Cutter torque	Nm @bar	1095 @225	4429 @350	4696 @350	4173 @350	6945 @350	14272 @350	23362 @350	40325 @350	37.833 @350	46900 @350	137160 @350
Pick force	kN @bar	8 @225	26 @350	29 @350	19 @350	29 @350	48 @350	69 @350	118 @350	104 @350	129 @350	296 @350
Number of picks	No.	46	32	32	56	64	64	60	54	56	56	76
Size of pick holder	mm	14	19	19	19	19	25.4	38 / 30	38 / 30	38 / 30	38 / 30	38 / 30
Drum diameter	mm	270	340	340	423	475	646	677	684	726	726	925
Drum width	mm	300	405	405	743	832	1058	1156	835	1050	1050	1494
Drum spacing	mm	60	82	82	103	118	143	143	202	250	250	339
Cutter length	mm	509	618	618	798	937	1155	1170	943	1356	1350	1686
Dimensions of adapter plate	mm	256 x 160	318 x 220	318 x 220	560 x 410	650 x 495	700 x 650	700 x 650	700 x 650	800 x 650	800 x 650	1035 x 1065



ROCKWHEEL AXIAL CUTTERS

Type		TC20	TC30	AX10	AX15	AX20	AX30
Excavator size	t	17 - 26	25 - 38	8 - 12	12 - 18	17 - 26	25 - 38
Operating weight	kg	962	1.173	390	390	885	968
Number of picks	No.	32	30	28	32	32	30
Size of pick holder	mm	25,4	38/30	19,4	19,4	25,4	38/30
Drum diameter	mm	650	680	423	475	646	678
Cutter length	mm	1.000	1.030	820	1.170	1.340	1.382
Dimensions of adapter plate	mm	650 x 495	650 x 495	560x360	560x700	650 x 700	650 x 700

ROCKWHEEL CUTTER BUCKET

Type		CB15	CB20	CB30
Excavator size	t	12 - 18	17 - 26	25 - 38
Operating weight	kg	951	1.838	1.968
Number of picks	No.	64	64	60
Drum diameter	mm	474	650	680
Cutter length	mm	1.490	1.000	1.030

ROCKWHEEL PATCH PLANERS

Type		Roadrunner 200	Roadrunner 300	Roadrunner 400	Roadrunner 600
Excavator size	t	1 - 3,5	5 - 8	8 - 14	12 - 18
Hydraulic power	kW	18	30	40	44
Operating weight	kg	140	450	600	750
Working pressure	bar	180-400	180 - 210	180 - 210	130 - 300
Optimum oil flow	l/min	30 - 40	60 - 80	100 - 125	120 - 125
Cutting distance from kerb	mm	50	50	50	80
Cutting line spacing	mm	8	10	10	10
Drum speed	rpm	75 - 101	150 - 200	130 - 170	130 - 170
Number of picks	No.	36	43	58	66
Cutting depth	mm	10 - 20	0 - 120	0 - 120	0 - 170
Drum width	mm	170	300	400	600

DRUMS AND PICKS®

For each application.

ADDITIONAL OPTIONS®

Better equipment.



WITH HELIX

Demolition



WITHOUT HELIX

excavation and other works



MORE PICKS

Profiling



WOOD DRUM

tree stumps



WITH PADDLES

soil mixing



STANDARD-PICKS

soft up to medium material



MEDIUM DUTY, HEAVY-DUTY AND SUPER DUTY PICKS

medium up to hard material



HARD FACING PICKS

abrasive material



WOOD PICKS

stump grinding

RIPPER-TOOTH

Especially for working in narrow trenches is the ROCKWHEEL RIPPER TOOTH



WATER SPRAY BAR

The dust can be easily controlled by Rockwheel WATER SPRAY BAR.



ROTATION UNIT

You will get 360° working radius especially for sensitive areas and tunnels.



MULTI ADAPTER-BRACKET

One adapter bracket for multiple machines.





A RELIABLE PARTNER EVERY TIME



www.rock.zone

ROCK.ZONE GmbH

Sandweg 10 · 74595 Langenburg · Germany

T +49 7905 941 99 0 · info@rock.zone

2022: Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings contained in this document are for illustration only. Please refer to the relevant Operating Manual for instructions on the proper use of this equipment. Failure to adhere to the appropriate Operating Manual when using our products or otherwise negligent behaviour can result in serious injury or death. The standard written warranty is the only warranty that applies to our products. Rokla GmbH provides no further warranty, either expressly nor implied.

© ROCK.ZONE GmbH 2022