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ROCK.ZONE



ROCK.ZONE

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ROCKWHEEL

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ROCKCRUSHER

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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.



APPLICATIONS

DEMOLITION



TRENCH & PIPELINE CONSTRUCTION



EXCAVATION FOUNDATIONS



PROFILING & SMOOTHING



MINING



UNDERWATER



DRUM CUTTER, THAT INSPIRE!

SILENT OPERATION

Perfect for noise sensitive areas

RUNS WITHIN HAMMER CIRCUIT

Only two hydraulic connections – no case drain line required

MOTOR PROTECTION

Valve technology protects the hydraulic motor

LOWER VIBRATIONS

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

REUSABLE CRUSHED MATERIAL

Crushed material with a diameter of 3 cm

OPTIMIZED POWER-TO-WEIGHT RATIO

Enhanced performance achieved with less weight

WEITERE

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

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		✓	✓	✓	✓	✓	✓	✓	✓	✓



THAT ROCKS!



CUSTOMISED TECHNOLOGIES

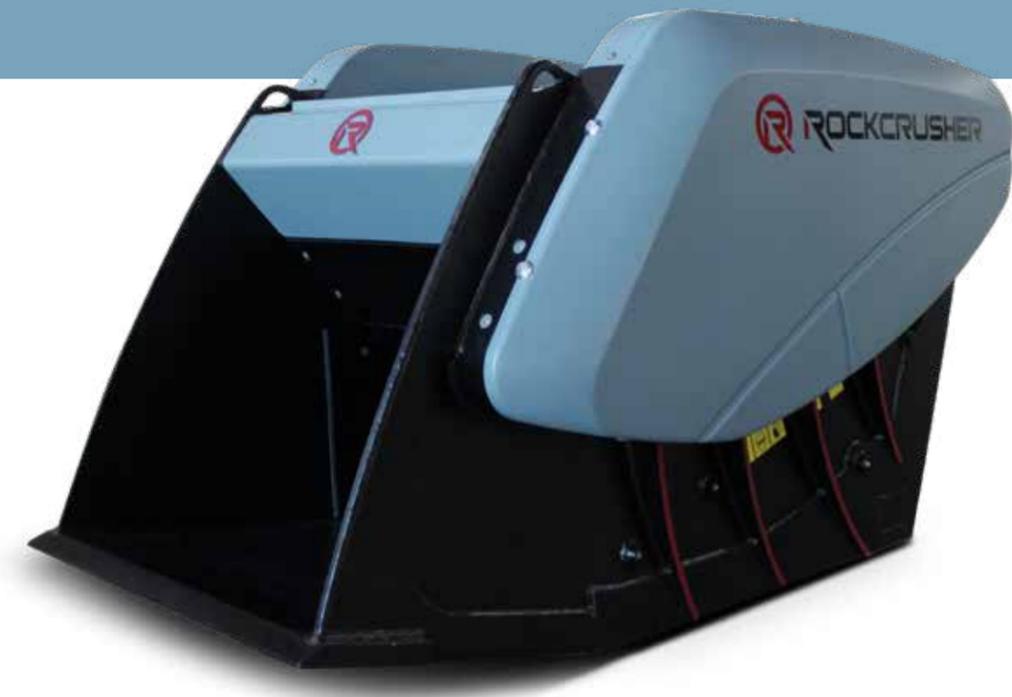
- Quattro Movement
unique movement enables cube-shaped end product
- Reverse Function
efficiently removes jammed material

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



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.

CONCRETE

NATURAL ROCK

BRICK

GLASS

ASPHALT

CERAMIK

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



RECYCLING

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

ENVIRONMENTALLY FRIENDLY

The Rockscreeper 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 Rockscreeper 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 Rockscreeper.

HARDOX REINFORCEMENT

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

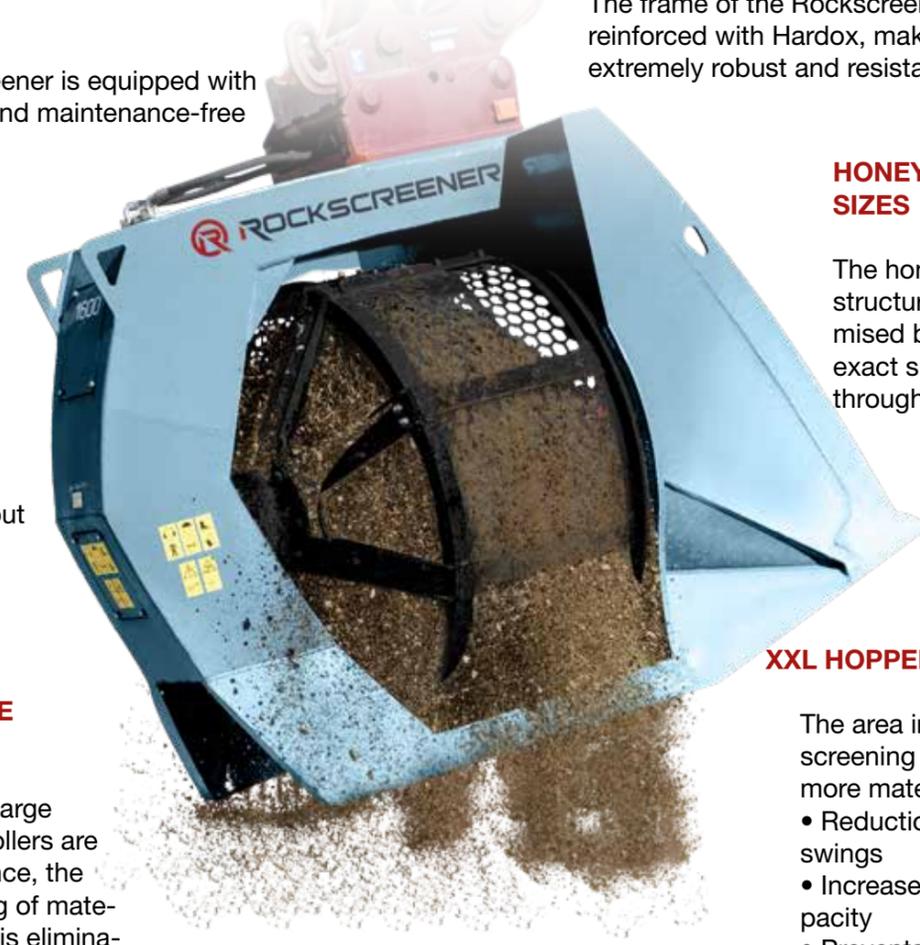
HONEYCOMB NET SIZES

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



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