

 **ROCK.ZONE** 5.0 t

EN



ROCK.ZONE



OVERVIEW	4-7
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ROBERT PIASECKI
CEO ROCK.ZONE GmbH

„We stand for performance you can count on – for machine power, strong partnerships, and solutions that work worldwide.“

ROCKWHEEL

Core models



C2 | 1-3 t



G5 | 2,5-5 t
G5 twin | 5-10 t



D10 | 8-10 t
D15 | 12 t - 18 t



D20 | 17-26 t
D30 | 25-38 t



G40 | 35-45 t
G50 | 40-50 t
G60 | 50-70 t
G125 | 70-125 t

Special drum cutter



Brush | Tiller
C1 | 2-5 t



Drilling | Axial
AX 10 | 15
AX 20 | 30
8-38 t



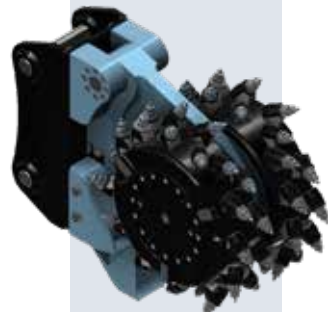
Trenching
TC 20 | 30
17-38 t



Cutting Wheel
CW 5 | 15
CW 20 | 30
3-38 t



Mixer
MX 15 | 20 | 30
12-38 t



extra narrow
D10XN | 8-12 t



RoadRunner
RR 200 | 300
RR 400 | 600
1-18 t



Cutter Bucket
CB 15 | 20 | 30
12-38 t

ROCKSAW



X8 | 6-10 t

X10 | 8-12 t

ROCKSORTER



V2 | 1-3 t
V3 | 2-4 t

V5 | 3-8 t
V8 | 5-10 t

V10 | 7-12 t

V12 | 10-15 t
V15 | 13-18 t

V20 | 15-25 t
V30 | 25-35 t

V35 | 30-40 t

ROCKSCREENER



RS 600 | >6 t

RS 800 | >8 t

Radlader | Skidsteer
RSS 800 | >8 t

RS 1200 | >13 t

RS 1600 | >22 t

RS 2000 | >35 t

ROCKSCRUSHER



RC 7 R | 12-20 t

RC 9 R | 20-25 t

RC 11 R | 25-35 t

RC 13 R | >35 t

PRODUCTS

OVERVIEW

OPTIONS

ROCKWHEEL



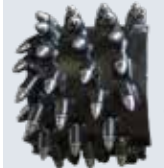
Demolition



Excavation



Trenching



Profiling



Wood



Mixing



Cutting



Standard



Medium Duty



Heavy Duty



Super Duty

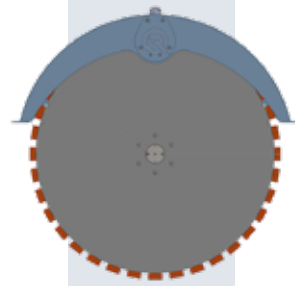


wear protected

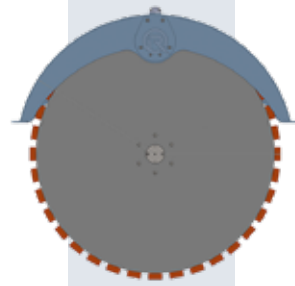


wood

ROCKSAW



Blades
different diameters
600 | 800 | 1000 | 1200 -1400



Blades
Diamond or Wood Saw

ROCKSORTER



Heavy Duty
with teeth

ROCKSCREENER



mesh sets
different diameters
600 | 800 | 1000 | 1200 -1400



Brush

ROCKSCRUSHER



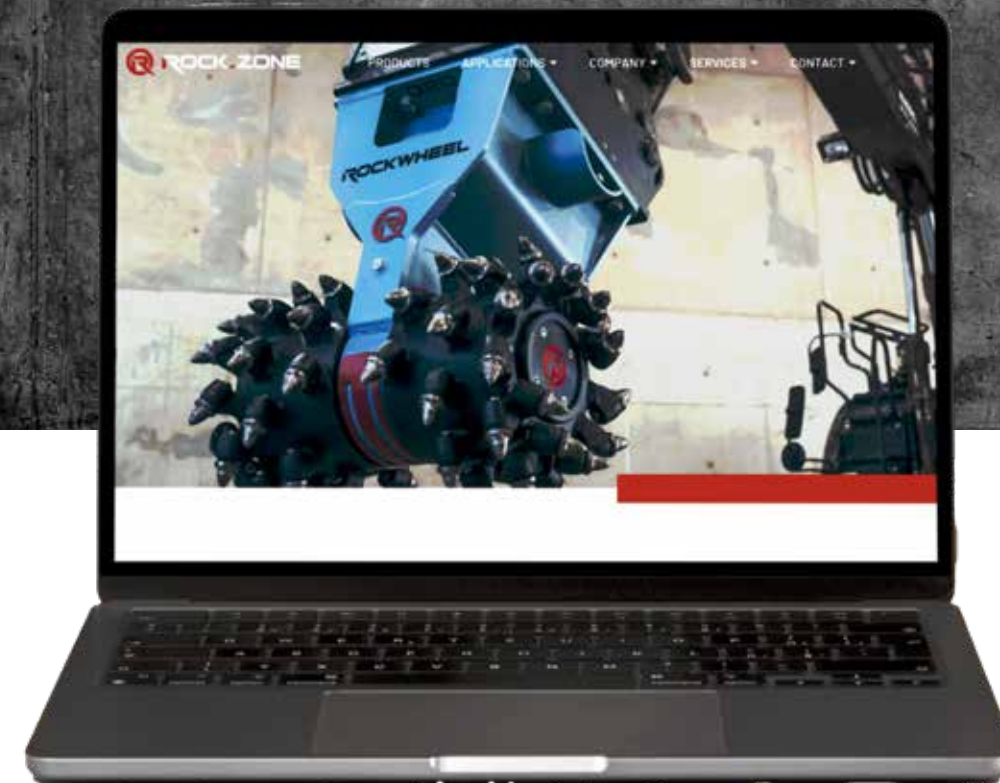
Magnet



SPARE PARTS
TECHNICAL SUPPORT
FAST SOLUTIONS



SERVICE



WWW.ROCK.ZONE

ROCKWHEEL

Drum Cutter



Demolition



Trench & Pipeline



Excavation & Foundations



Landscaping



Soil Mixer



Cutting Wheel



Underwater



Asphalt



Cut & Load Bucket



Profiling



Mining



Tunneling

WHY A ROCKWHEEL?

- ✓ FASTER THAN A HAMMER
- ✓ CONTROLLED MATERIAL REMOVAL WHERE HAMMERS REACH THEIR LIMITS



ROCKWHEEL

Leading by technology



OPTIMUM PICK PLACEMENT
Maximum performance, smoother cut, and less impact on excavator.



OPTIMISED AND MINIMAL CENTRE SPACE
For narrow trenches.



COMPACT DESIGN
Efficient power transmission.



MOST ROBUST DESIGN
Designed for the most extreme operating conditions.

INNOVATIVE GEAR RATIO
Up to 2:1 for maximum torque; patented and unique.

RUNS ONBREAKER CIRCUIT
Only two hydraulic connections, no case drain line required.

PROTECTED MOTOR
Unique valve design protects the hydraulic motor from damage.

ROCKWHEEL

Core Range



C2 | 1-3 t



G5 | 2.5-6 t
G5 Twin | 5-10 t



D10 | 8-12 t
D15 | 12-18 t
D20 | 17-26 t
D30 | 25-38 t



G40 | 35-45 t
G50 | 40-50 t
G60 | 50-70 t
G125 | 70-125 t

ROCKWHEEL

ROCKWHEEL

Special Drum Cutters

ROCKWHEEL for drilling



AX 10 | 8-12 t
 AX 15 | 12-18 t
 AX 20 | 17-26 t
 AX 30 | 25-38 t

ROCKWHEEL for trenching



TC 20 | 17-26 t
 TC 30 | 25-38 t

ROCKWHEEL with a bucket- cut, crush, mix & load



CB 15 | 12-18 t
 CB 20 | 17-26 t
 CB 30 | 25-38 t

ROCKWHEEL for narrow trenching

CW 5 | 3-6 t
 CW 15 | 12-18 t
 CW 20 | 17-26 t
 CW 30 | 25-38 t



ROCKWHEEL as a Mixer

MX 15 | 12-18 t
 MX 20 | 17-26 t
 MX 30 | 25-38 t



RR 200 | 2-3 t
 RR 300 | 5-8 t
 RR 400 | 8-14 t
 RR 600 | 12-18 t

ROCKWHEEL for profiling & planing



C1 | 2-5 t

ROCKWHEEL with tiller



C1 | 2-5 t

ROCKWHEEL with a brush

ROCKWHEEL

ROCKSAW

Diamond Saw

2 Models
for 6-12t excavator

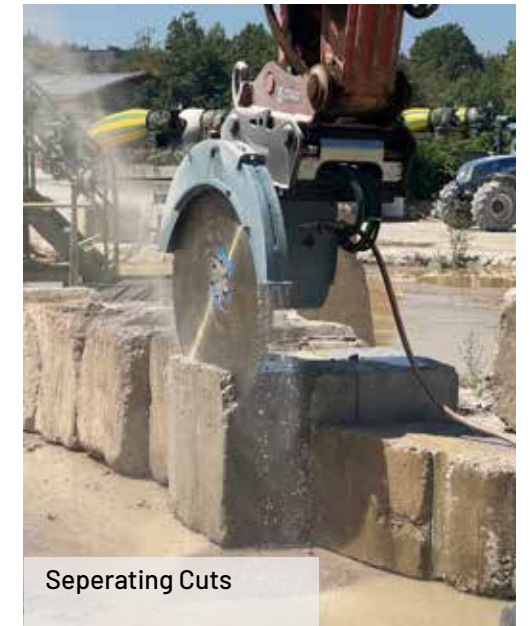
Further models
available on request



Demolition & Dismantling



Foundation and
plate cutting



Seperating Cuts



Controlled Demolition

WHY A ROCKSAW?

✓ **MAXIMUM PRECISION:**
Clean cuts without uncontrolled cracking. Perfect for openings,
cut-throughs and controlled demolition

✓ **CONTROLLED DEMOLITION**
MINIMAL VIBRATIONS AND NO IMPACT ON SURROUNDING
MATERIALS

ROCKSAW

Leading by technology

HIGHER SAFETY

Automatic brake and double swiveling shield for maximum operator and site protection.

DOUBLE ROTATING SHIELD

Protection against flying material and working near sensitive areas possible.

BLADE COOLING

Optimized blade cooling and adjustable offset extensions ensure clean, accurate cuts with minimal material loss.

VERSATILE SYSTEM:

Diamond or tungsten carbide blades for different materials and applications.

ROCKSORTER

Sorter Bucket

10 Models
for 1t - 50 t excavator



Demolition



Soil Screening



Forest road construction



Trench and Pipeline



Stone Quarry



Landscaping

ROCKSORTER

Leading by technology

INNOVATION
Patented eccentric motion.

LOW MAINTENANCE
No chains or rotating shafts.

SCREENING SIZE -
QUICK & Simple method to change.

SIMPLE DESIGN
Directly driven camshaft moves bars.

VERSATILE IN USE
Works with excavators and wheel loaders compatible with tiltrotators.

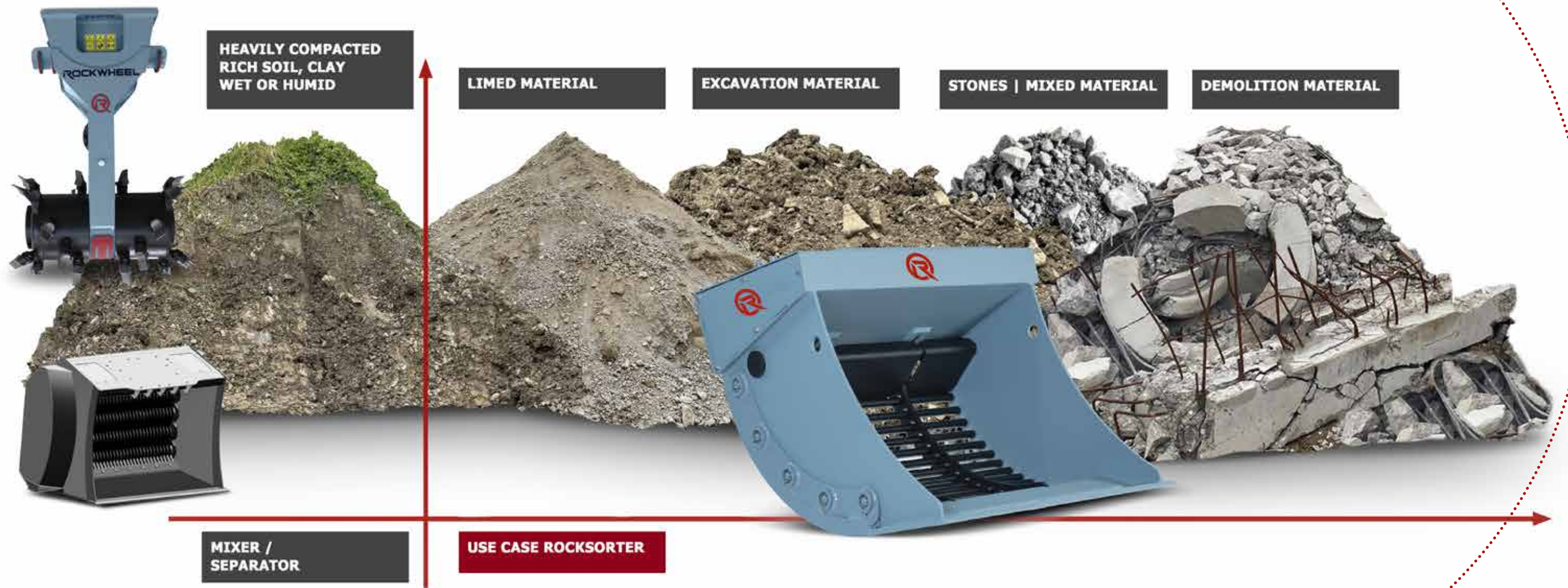
WHY A ROCKSORTER?

- ✔ SORT. DON'T WASTE
- ✔ EXTREMELY LOW-COST SORTING WITH ECCENTRIC MOVEMENT



ROCKSORTER

Use Case



Fast Sorting with the Rocksorter

- ✓ EXTREMELY LOW-COST SORTING
- ✓ TIME & COSTS SAVED
- ✓ QUICK SORTING OF MATERIALS
- ✓ ON-SITE RECYCLING



ROCKSCREENER

Screening Bucket



6 Models
for 6t - 40 t excavator

Specials
for skidsteer > 3t



Demolition



Recycling



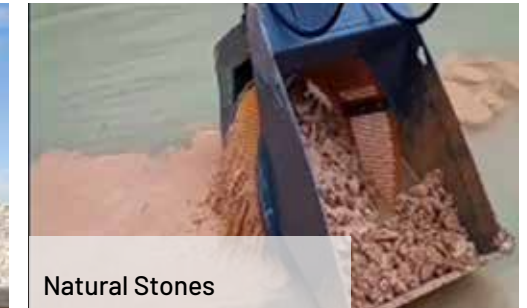
Landscaping



Trench and Pipeline



Farming



Natural Stones

WHY A ROCKSCREENER?

- ✓ **PRECISE SCREENING IN VARIOUS GRAIN SIZES FOR REUSE OR RECYCLING**
- ✓ **HONEYCOMB MESH INSERTS FROM 10-120MM**

ROCKSCREENER Leading by technology

MAINTENANCE-FREE GEARBOX

Extra large and maintenance-free gearbox.

XXL DRUM VOLUME

Higher throughput capacity.

XXL HOPPER VOLUME

Maximum time saving due to increased material intake. Prevents material from falling during the screening process.

HARDOX REINFORCEMENT

Robust and resistant thanks to reinforced frame.

INTERCHANGEABLE HONEYCOMB MESH SIZES

Standardised sorting and individually replaceable.

ROCKCRUSHER

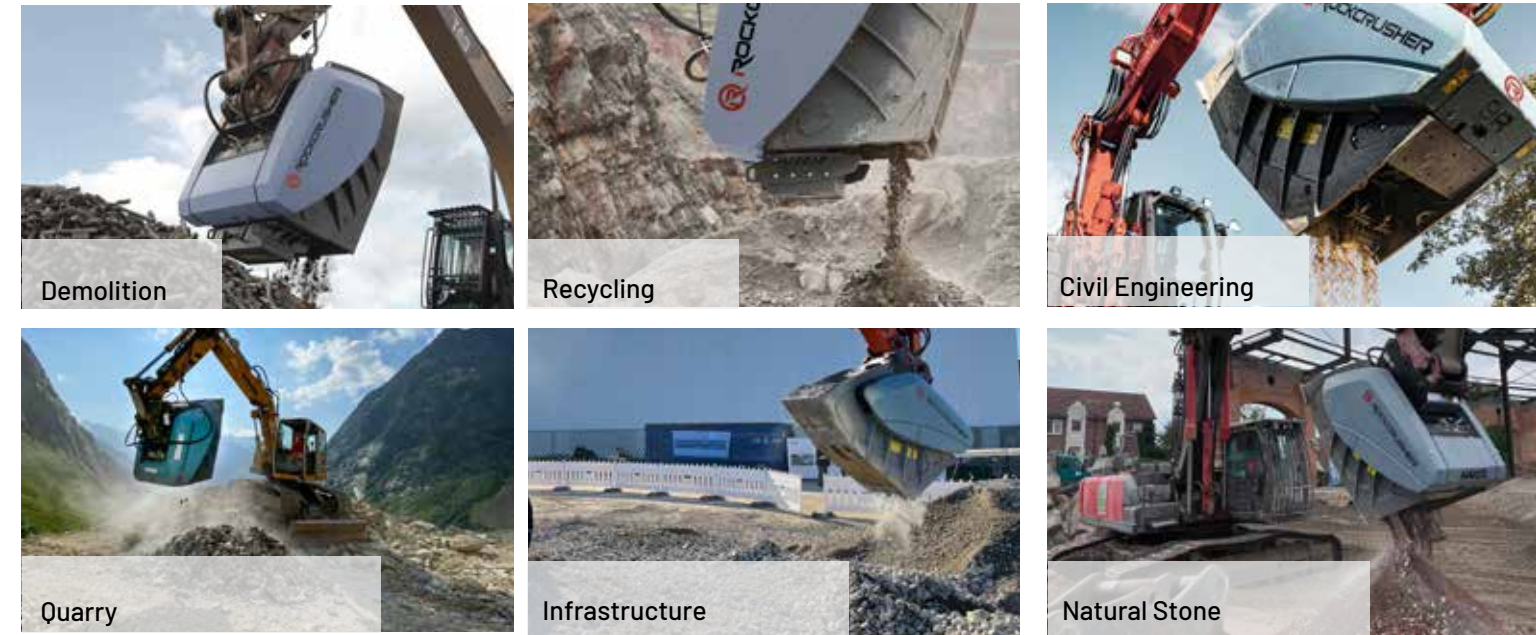
Crusher Bucket



4 Models
for 12t - 50 t excavator

WHY A ROCKCRUSHER?

- ✓ LOW NOISE ON-SITE CRUSHING WITHOUT PERMIT REQUIREMENT
- ✓ REUSABLE BACKFILL MATERIAL



ROCKCRUSHER

Leading by technology

DOUBLE SPRING - Stabilizing the toggle plate and buffering the movement of the jaw plates.

Central Lubrication - one lubrication point

Jawstock- one piece casted for robustness

Wear Plates - replaceable

REVERSE FUNCTION

- One push of a button releases the blockage
- No blocking of the material
- Breaking without interruption

QUATTRO MOVEMENT

The patented Quattro Movement guarantees a higher throughput and a cubic final grain size.



ROCK.ZONE

Technical Specs



ROCKWHEEL DRUM CUTTER

Typ		Brush/Tines		G5	G5 twin	D10	D15	D20	D30	G40	G50	G60	G125
		C1	C2										
excavator size	t	1 - 4	1-3	3 - 6	5 - 10	8 - 12	12 - 18	17 - 26	25 - 38	35 - 45	42 - 52	50 - 70	70 - 125
hydraulic	kW	9.5	9.5	22	44	29	41	70	110	140	140	220	400
weight	kg	80	66	181	200	426	595	1.170	1.444	1.662	2.458	2.478	5.420
max pressure	bar	200	225	400	400	400	400	400	400	400	400	400	400
working pressure	bar	50 - 225	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	60	65	100	112.5	132	320	460	540	540	680	1000
opt oil flow	l/min	30	30	40	80	60	120	220	320	360	360	540	800
reduction		1:1	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
picks	Stk.	-	46	32	32	56	64	64	60	54	56	56	76
size pick holder	mm	-	14	19	19	19	19	25.4	38 / 30	38 / 30	38 / 30	38 / 30	38 / 30
drum ø	mm	-	270	340	340	423	475	646	677	684	726	726	925
drum width	mm	1060	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	700	509	618	618	798	937	1155	1170	943	1356	1350	1686



optimal pick lacing

short design

gear ratio

Motor protection

no case drain lain

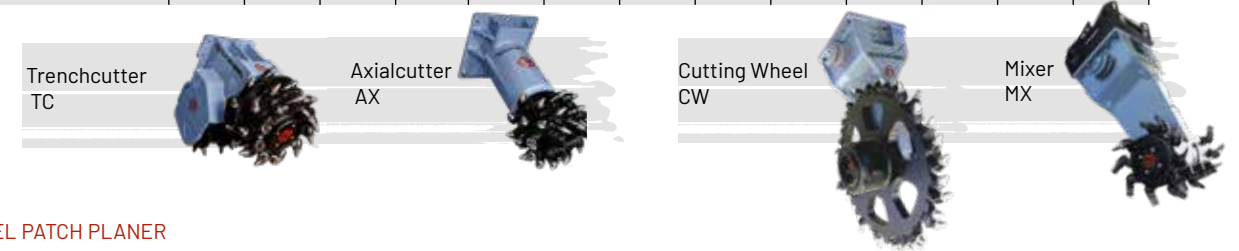
extemely heavy-duty

Options	C2	G5	D10	D15	D20	D30	G40	G50	G60	G125
trench drums	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
profiling drums		✓	✓	✓	✓	✓	✓	✓	✓	
demolition drums		✓	✓	✓	✓	✓	✓	✓	✓	✓
wood drums	✓	✓	✓	✓	✓	✓				
360° rotator	✓	✓	✓	✓	✓	✓	✓	✓		
ripper tooth		✓	✓	✓	✓	✓	✓	✓	✓	
water spray		✓	✓	✓	✓	✓	✓	✓	✓	
more pics		✓	✓	✓	✓	✓	✓	✓	✓	✓



ROCKWHEEL SPECIAL CUTTER

Typ		TC20	TC30	AX10	AX15	AX20	AX30	CW5	CW15	CW20	CW30	MX15	MX20	MX30
excavator size	t	17 - 26	25 - 38	8 - 12	12 - 18	17 - 26	25 - 38	3-6	12-18	17 - 26	25 - 38	12-18	17 - 26	25 - 38
weight	kg	962	1.173	390	455	885	968	181 kg	595	1995	2065	640	1520	1594
picks		32	30	28	32	32	30	14	28	42	42	20	24	24
Msize pick holder	mm	25,4	38/30	19,4	19,4	25,4	38/30	19	25	25,4	38/30	38/30	38/30	38/30
drum Ø	mm	650	680	423	475	646	678	512	1200	1550	1550	600	700	700
utter length	mm	1.000	1.030	820	1.170	1.340	1.382	700	1370	2050	2092	1350	1715	1745
Cutting width/ deep	mm	-	-	-	-	-	-	130/ 160	120/ 430	160/ 600	160/ 600	-	-	-



ROCKWHEEL PATCH PLANER

Type		Roadrunner 200	Roadrunner 300	Roadrunner 400	Roadrunner 600
excavator size	t	1 - 3,5	5 - 8	8 - 14	12 - 18
hydraulic	kW	18	30	40	44
weight	kg	140	450	600	750
worling pressure	bar	180-400	180 - 210	180 - 210	130 - 300
opt oil flow	l/min	30 - 40	60 - 80	100 - 125	120 - 125
cutting distance from kerb	mm	50	50	50	80
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



ROCKWHEEL CUTTER BUCKET

Typ		CB15	CB20	CB30
excavator size	to	12-18	17-26	25-38
weight	kg	800	1.500	1.800
picks		64	64	60
drum width	mm	832	1058	1156
cutter length	mm	1.000	1.400	1.800



ROCK.ZONE

Technical Specs

ROCKSORTER

ROCKSORTER SORTING BUCKET

Typ		V2	V3	V5	V8	V10	V12	V15	V20	V30	V35
excavator siz	to	1-2	2-4	3-6	5-10	7-12	10-15	13-18	15-25	25-35*	30-40
Hydraulic	l & bar	10/160	20/160	20/160	40/160	40/160	40/160	40/160	40/160	80/160	80/160
weight	kg	110	170	270	490	650	860	1000	1440	1760	1850
width	mm	640	700	800	1000	1200	1200	1328	1500	1500	1600
loading volume	l	60	70	210	370	420	620	730	1200	1200	1400
Ø bars	mm	22	22	22	30	30	30	30	30	45	45
sorting/screening size	mm	50	50	50	50	50	50	50	50	50	50



low investment costs for sorting/ screening

low maintenance

flexible sorting sizes adjustable

also be used as a bucket

ROCKSAW

ROCKSAW DIAMONDSAW

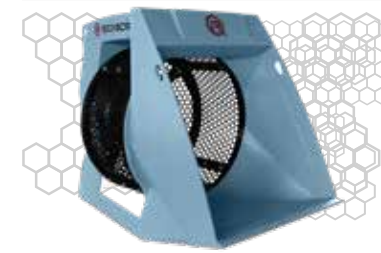
Typ		X8	X10
excavator siz	to	6-10	8-12
blade diameter range	mm	800-1200	800-1400
weight (drive unit)	kg	70	135
torque	Nm	250	603
speed max	U/min	1900	4500
power max	kW	50	135
motor volume	ccm	50	80/90/108
flow max	l/min	120	433
back pressure max	MPa	0	0
relief valve pressure (factory setting)	MPa	25	25
pressure max	MPa	32	35



ROCKSCREENER

ROCKSCREENER SIEBLÖFFEL / SCREENING BUCKET

Typ		RS 600	RS 800	RSS 800	RS 1200	RS 1600	RS 2000
excavator size	t	3-8	≥ 8	wheel loader > 3	≥ 13	≥ 22	≥ 35
Ø screen drum	mm	620	800	800	1200	1600	2000
screen drum depth	mm	500	500	500	750	1100	1100
Oil pressure	bar	130	130	130	170	170	170
Oil flow	l/min	20	20	20	75	75	120
bucket volume	m³	0,2	0,25	0,25	0,80	1,90	3,40
Gtotal volume	m³	0,61	0,61	0,61	2,00	3,77	5,95
Length	mm	1180	1790	1577	2390	3140	3740
width	mm	800	935	11085	1355	1850	2210
height	mm	1000	1190	990	1600	2130	2230
weight	kg	400	640	600	1220	2320	4600



XXL drum volume

XXL Hopper Volume

Reinforcement

Without guide rollers due the extra large gear box

ROCKCRUSHER

ROCKCRUSHER CRUSHER BUCKET

Typ		RC 7 R	RC 9 R	RC 11 R	RC 13 R
excavator size	t	≥ 12	≥ 20	≥ 25	≥ 35
Rated capacity	m3	0,5	0,8	1,0	1,7
surface size jaw plate	m2	0,9	1,2	1,7	2,4
close size setting min-max	mm	10 - 100	12 - 100	12 - 100	12 - 120
Oil flow	l/min	>100	>145	>200	>290
Oil pressure	bar	220	220	220	220
weight	kg	2000	3000	4100	6100
ength	mm	1940	2210	2350	2570
width	mm	1100	1210	1450	1820
height	mm	1300	1370	1390	1550



Double Spring

Central Lubrication

Robust Jawstock

Quattro Movement

Reverse Function

Replaceable wear parts



ROCK.ZONE

