ROCKWHEEL
Rock & Concrete Grinders
**OUR PHILOSOPHY**

Rockwheel is based on key quality features.

- Technical advances
- Made in Germany
- Sales and service through a professional network of dealers

**OUR GOAL AND VISION**

We are working to establish Rockwheel worldwide. Hydraulic hammers and Rockwheels both have specific benefits.

Let's find the most effective solution for your application together.

**WHO ARE WE**

**Klaus Volkert**  
Managing Director  
An experienced businessman who has worked in the construction machinery sector for over 26 years.

**Chip Kogelmann**  
President of Rockwheel Americas  
With an extensive background in mining and construction equipment, Chip has 15 years of experience with hydraulic rock and concrete cutting machines.

**Ian Webster**  
Designer  
Ian Webster invented cutting units some 25 years ago. He is now making his vision of technically advanced cutting a reality with Rockwheel.

**Robert Piasecki**  
Managing Director  
With over 20 years experience in the construction machinery sector, his drive to help customers is at least as fast as one of our cutting heads.
A Rockwheel cutting unit offers a great number of possible uses – cut a trench faster and more precisely, reduce reinforced concrete bunkers to powder. Perform contouring and profiling with ease in renovation work – and more quietly than with traditional methods.

YOU CAN REACH YOUR GOAL MORE EFFECTIVELY

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A ROCKWHEEL SHOWS WHAT IT CAN DO:

Trench and pipeline construction

Demolition and concrete work

More metres in less time.
Prepare your trench precisely and immediately reuse the excavated material.

Speed and strength.
When you need both, you’ll move forward faster with a Rockwheel.

FURTHER APPLICATIONS

• Cutting out tree stumps
• Soil preparation
• Underwater cutting
• Tunnelling
• Road construction

Direct re-use.
The excavated material can be directly reused without further treatment.

Precision and skill.
The more sensitive the area, the more beneficial is the cutting unit. You only remove what you really need to remove.

Choose the most effective tool on site: bucket, cutter or hammer. We’ll advise you when and where the cutting tool is most effective.

THE BENEFITS

There are many good reasons for using a Rockwheel cutting unit:

• Produce an extremely accurate profile in excavation and tunnelling work or in surface preparation.
• Reuse the finely grained excavated material for backfilling.
• Fewer vibrations reduce fatigue when working.
• Reduce the risk of damage in and around the site.
• Use the cutting units in noise-sensitive zones, as they are relatively quiet to operate.

Trench and pipeline construction

Demolition and concrete work

Cutting performance in the mining sector

Contouring / Profiling / Building renovation

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Extensive range of applications for Rockwheel cutting units

Strength of materials in megapascal (MPa) and pound per square inch (psi)

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Strength of materials in megapascal (MPa) and pound per square inch (psi)
MAKE THE RIGHT CHOICE!

We offer cutting units for machines with an operating weight of 1 to 125 tonnes.

THE LIGHTWEIGHT CHAMPION

C2
Rockwheel with chain drive
- Power: 13 hp (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: G5: 30 hp (22 kW)
  G5 Twin: 60 (44 kW)
- Transmission with ratio for maximum torque
- Available with a second motor for double the power
- For excavators from 3 to 12 t

OPTIMUM VALUE FOR MONEY

D10 / D15
D20 / D30
Rockwheel with direct drive
- Power:
  D10: 40 hp (29 kW)
  D15: 55 hp (41 kW)
  D20: 94 hp (70 kW)
  D30: 147 hp (110 kW)
- Robust Technology with only three main components: housing, motor and cutting drums
- For excavators from 8 to 38 t

ADVANTAGES

PROTECTED MOTOR
Valve technology protects the hydraulic motor

ONLY TWO HYDRAULIC LINES
No drain line required - works on hammer circuit

TRANSMISSION RATIO
Gearbox units for maximum torque

OPTIMIZED PICK LACING
Better and smooth cutting

HEAVY-DUTY DESIGN
For the toughest job sites

MOST EXPERIENCE ON THE MARKET
Invented and engineered by Webster-Technologies

PURE POWER

G40 / G50
G60/ G125
Rockwheel with gearbox drive
- Power G40: 188 hp (140 kW) / G50: 188 hp (140 kW)
  G60: 295 hp (220 kW) / G125: 536 hp (400 kW)
- Twin motor technology power and optimum weight distribution
- Solid and heavy-duty design for a long life
- For excavators from 40 to 125 tonnes
Rockwheel offers special cutting units for special tasks.

**CUTTER BUCKET**
Cutter buckets cut, break up, mix, lift and backfill without a tool change. The excavated material produced is finely grained and can be directly reused.

>>> CB20, CB30

**MIXING CUTTER BUCKETS**
Cutting unit, deep bucket and mixer combined in a single unit. The economical solution for soil preparation and soil conditioning – for any consistency of material, from mud to rock. Binders, like lime, aggregates or liquids, can be fed into the mixing chamber through a feed system on the cutter bucket.

>>> CBS20, CBS30

**PATCH PLANERS**
Use patch planers when you need precise contours or need to remove surfaces efficiently. Patch planers are ideal for horizontal, vertical, angled and overhead work. The attachments can ideally be fitted to excavators and backhoe loaders.

>>> Roadrunner 200
Roadrunner 300
Roadrunner 450

**AXIAL CUTTER**
The specific tool for use in narrow trenches. Precise work in trench and pipeline construction.

>>> TC20, TC30, AX20, AX30

**SOIL MIXING CUTTER**
To produce an even soil mix. This process can be used in different kinds of soil, even more solid types of soil.
Rockwheel cutters can be adapted to your specific application, ensuring that you always get the very best cutting performance.

**PICKS** - crush many different materials.
Adapting the pick to your application guarantees optimum cutting performance and minimal wear. Every pick is made of high-grade alloyed steel with soldered solid metal tips for the ultimate in quality.

- **Standard pick**
  for soft to medium-hard rock, e.g. asphalt, salt, slag
- **Heavy-duty pick**
  for medium-hard to very hard rock, e.g. limestone, concrete
- **Wear-resistant pick**
  for very abrasive rock, e.g. sandstone, blast-furnace crushed rock
- **Wood pick**
  for extracting tree stumps

**CUTTING HEADS** - Heads for every job.

- **Excavating drum**
  for rock and other natural materials
- **Profiling drum**
  for fine cuts and accurate surfaces
- **Demolition drum**
  for demolition work with reinforced concrete

**ADAPTER PLATES** - always just right.
We offer the right adapter plate for every excavator and every quick-change system.

**ROTATOR UNIT** - extends your radius of operation.
Achieve a 360 degree radius of operation using a Rockwheel cutting unit with a pivoting/rotator unit. The cutter’s rotating action provides for contour-precise cutting and you can work ultra-precisely even in angles and corners.

**DUST SOLUTIONS** - done and dusted!
We offer a range of solutions:

- **Spray nozzle**
  to counteract dust
- **De-dusting system**
  for use in buildings
ROCKWHEEL CUTTING UNITS

<table>
<thead>
<tr>
<th>Type</th>
<th>C2</th>
<th>G5</th>
<th>G5 twin</th>
<th>D10</th>
<th>D15</th>
<th>D20</th>
<th>D30</th>
<th>G40</th>
<th>G50</th>
<th>G60</th>
<th>G125</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excavator weight</td>
<td>t</td>
<td>0.7 - 2.5</td>
<td>2.5 - 6</td>
<td>5 - 10</td>
<td>8 - 12</td>
<td>13 - 20</td>
<td>17 - 28</td>
<td>25 - 42</td>
<td>30 - 50</td>
<td>40 - 61</td>
<td>50 - 75</td>
</tr>
<tr>
<td>Hydraulic Input power</td>
<td>hp (kW)</td>
<td>13 (9.5)</td>
<td>30 (22)</td>
<td>60 (44)</td>
<td>40 (30)</td>
<td>55 (41)</td>
<td>94 (70)</td>
<td>147 (110)</td>
<td>188 (140)</td>
<td>188 (140)</td>
<td>295 (220)</td>
</tr>
<tr>
<td>W (w/o bracket)</td>
<td>lbs (kg)</td>
<td>145 (66)</td>
<td>400 (181)</td>
<td>440 (200)</td>
<td>950 (426)</td>
<td>1,315 (595)</td>
<td>2,535 (1,170)</td>
<td>3,183 (1,444)</td>
<td>4,250 (1,932)</td>
<td>5,419 (2458)</td>
<td>5,463 (2478)</td>
</tr>
<tr>
<td>Maximum pressure*</td>
<td>psi (bar)</td>
<td>3,263 (225)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
<td>5,800 (400)</td>
</tr>
<tr>
<td>Reducer ratio</td>
<td>1:1</td>
<td>2:1</td>
<td>2:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
</tr>
<tr>
<td>Drum speed</td>
<td>rpm</td>
<td>80 - 155</td>
<td>70 - 120</td>
<td>50 - 107</td>
<td>80 - 155</td>
<td>75 - 105</td>
<td>50 - 75</td>
<td>50 - 80</td>
<td>45 - 75</td>
<td>45 - 75</td>
<td>45 - 65</td>
</tr>
<tr>
<td>Max. Torque</td>
<td>ft./lb (kNm)</td>
<td>420 (5.7)</td>
<td>3738 (51.1)</td>
<td>7476 (10.1)</td>
<td>3522 (4.8)</td>
<td>5861 (7.9)</td>
<td>13,206 (17.9)</td>
<td>19,715 (26.7)</td>
<td>29,502 (40)</td>
<td>31,695 (43)</td>
<td>47,316 (64.2)</td>
</tr>
<tr>
<td>Max. Cutting Force</td>
<td>lbs (kN)</td>
<td>949 (4.2)</td>
<td>6703 (29.8)</td>
<td>13,405 (59.6)</td>
<td>5076 (22.6)</td>
<td>7522 (33.4)</td>
<td>12,462 (55.4)</td>
<td>17,752 (79.0)</td>
<td>23,604 (105)</td>
<td>24,771 (110)</td>
<td>36,980 (164.5)</td>
</tr>
<tr>
<td>Drum diameter</td>
<td>in. (mm)</td>
<td>10 (270)</td>
<td>13 (340)</td>
<td>13 (340)</td>
<td>16 (423)</td>
<td>18 (475)</td>
<td>24 (646)</td>
<td>27 (687)</td>
<td>27 (684)</td>
<td>29 (726)</td>
<td>29 (726)</td>
</tr>
<tr>
<td>Drum width</td>
<td>in. (mm)</td>
<td>12 (300)</td>
<td>16 (405)</td>
<td>16 (405)</td>
<td>29 (743)</td>
<td>33 (832)</td>
<td>42 (1058)</td>
<td>46 (1156)</td>
<td>33 (835)</td>
<td>41 (1050)</td>
<td>41 (1050)</td>
</tr>
<tr>
<td>Cutter length</td>
<td>in. (mm)</td>
<td>20 (509)</td>
<td>24 (618)</td>
<td>24 (618)</td>
<td>31 (798)</td>
<td>37 (937)</td>
<td>45 (1,155)</td>
<td>46 (1,170)</td>
<td>37 (943)</td>
<td>53 (1,356)</td>
<td>53 (1,350)</td>
</tr>
</tbody>
</table>

* max oil flow and max. pressure should not be achieved simultaneously.
Your sales person can recommend hydraulic settings.
### ROCKWHEEL AXIAL CUTTERS

<table>
<thead>
<tr>
<th>Type</th>
<th>TC20</th>
<th>TC30</th>
<th>AX20</th>
<th>AX30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight lb (kg)</td>
<td>2,092 (962)</td>
<td>3,183 (1,439)</td>
<td>1,955 (885)</td>
<td>2,137 (968)</td>
</tr>
<tr>
<td>Number of picks No.</td>
<td>32</td>
<td>30</td>
<td>32</td>
<td>30</td>
</tr>
<tr>
<td>Size of pick holder in. (mm)</td>
<td>1 (25.4)</td>
<td>1.4 / 1.1 (38/30)</td>
<td>1 (25.4)</td>
<td>1.4/1.1 (38/30)</td>
</tr>
<tr>
<td>Drum diameter in. (mm)</td>
<td>26 (650)</td>
<td>27 (680)</td>
<td>25 (648)</td>
<td>27 (678)</td>
</tr>
<tr>
<td>Cutter length in. (mm)</td>
<td>39 (1,000)</td>
<td>41 (1,030)</td>
<td>53 (1,340)</td>
<td>54 (1,382)</td>
</tr>
</tbody>
</table>

### ROCKWHEEL PATCH PLANERS

<table>
<thead>
<tr>
<th>Type</th>
<th>Roadrunner 200</th>
<th>Roadrunner 300</th>
<th>Roadrunner 400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutting distance from kerb in. (mm)</td>
<td>2 (50)</td>
<td>2 (50)</td>
<td>2 (50)</td>
</tr>
<tr>
<td>Cutting line spacing in. (mm)</td>
<td>0.31 (8)</td>
<td>0.39 (10)</td>
<td>0.39 (10)</td>
</tr>
<tr>
<td>Drum speed rpm</td>
<td>75 - 101</td>
<td>150 - 200</td>
<td>130 - 170</td>
</tr>
<tr>
<td>Number of picks No.</td>
<td>36</td>
<td>43</td>
<td>58</td>
</tr>
<tr>
<td>Cutting depth in. (mm)</td>
<td>0.3 - 0.79 (10 - 20)</td>
<td>0 - 4.72 (0 - 120)</td>
<td>0 - 4.72 (0 - 120)</td>
</tr>
<tr>
<td>Drum width in. (mm)</td>
<td>7 (170)</td>
<td>12 (300)</td>
<td>16 (400)</td>
</tr>
</tbody>
</table>

### ROCKWHEEL CUTTER BUCKET

<table>
<thead>
<tr>
<th>Type</th>
<th>CB20</th>
<th>CB30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight lb (kg)</td>
<td>4,052 (1,838)</td>
<td>4,338 (1,968)</td>
</tr>
<tr>
<td>Number of picks No.</td>
<td>64</td>
<td>60</td>
</tr>
<tr>
<td>Drum diameter in. (mm)</td>
<td>26 (650)</td>
<td>27 (680)</td>
</tr>
<tr>
<td>Cutter length in. (mm)</td>
<td>39 (1,000)</td>
<td>41 (1,030)</td>
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</tbody>
</table>
A RELIABLE PARTNER EVERY TIME

SERVICE
We offer a comprehensive service for your cutting unit together with our Rockwheel partners. From maintenance to repair and fast delivery of spare parts – you’ll get the full package from us.

RENTAL EQUIPMENT
Our entire product range is also available for rent. Worldwide. All our rental equipment is kept in top condition.

FINANCING SERVICE
Together we’ll find the right financing solution to meet your needs, either with our financing partners or with your own bank. Whether leasing or lease-to-purchase, take advantage of the solution right for you.

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June 2017. 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.