

# RWE



1.5 - 18 TON

## WHEEL SAWS

RWE 15 | RWE 20 | RWE 30 | RWE 35 | RWE 50

RWE wheel saws, designed for excavator mounting, are for cutting and small-section trenching in 100-500 mm working depths. Depending on model, RWEs are specially indicated for mini- and micro-trenching on hard and compact surfaces, such as asphalt and cement, for fibre optic cable installation; or for making longitudinal cuts on concrete industrial floors for demolition and removal purposes.

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## PERFORMER

Performer: allows the operator to optimize the equipment's performance according to the forward speed of the operating machine.

**RWE 15, RWE 30 AND RWE 35:** Available also for skid steer mounting, with connection frame and side shift. Fitted with a tilting self-levelling system thanks to the jointed support that rotates on the axis of the drum.

The self-levelling system ensures constant trench depth in any condition, regardless of ground contour or the position of the attachment with respect to the prime mover.

Depth adjustment (RWE 50)

**CLEAN TRENCH:** the special design of outlets allows trench to be cleared efficiently at the depth programmed.

**RWE 50:** disk with removable, interchangeable segments allows quick variation of the trench width while maintaining the same base wheel.

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| TECHNICAL DATA                      |                                                                                                          | RWE 15                                 | RWE 20                                 | RWE 30                                               | RWE 35                                               | RWE 50                                          |
|-------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| Recommended excavator weight<br>(1) | ton<br>lbs                                                                                               | 1.5 - 3.5<br>3300 - 7700               | 2.5 - 5<br>5500 - 11000                | 5 - 10<br>11000 - 22000                              | 8 - 13<br>17600 - 28600                              | 14 - 18<br>30800 - 39600                        |
| Trench width                        | <span style="background-color: red; color: white; border-radius: 50%; padding: 2px;">A</span> mm<br>inch | 25 - 30 - 40 - 50<br>1 - 1.2 - 1.6 - 2 | 25 - 30 - 40 - 50<br>1 - 1.2 - 1.6 - 2 | 25 - 30 - 40 - 50<br>- 80<br>1 - 1.2 - 1.6 - 2 - 3.2 | 25 - 30 - 40 - 50<br>- 80<br>1 - 1.2 - 1.6 - 2 - 3.2 | 50 - 80 - 100 - 120<br>2 - 3.2 - 4 - 4.7        |
| Trench depth                        | <span style="background-color: red; color: white; border-radius: 50%; padding: 2px;">B</span> mm<br>inch | 100 - 125 - 150<br>4 - 5 - 6           | 200<br>8                               | 200 - 250 - 300<br>8 - 10 - 12                       | 250 - 300 - 350<br>10 - 12 - 14                      | from 300 to 500<br>12 - 20                      |
| Depth adjustment                    |                                                                                                          | mechanical<br>manual                   | -                                      | mechanical<br>manual                                 | mechanical<br>manual                                 | mechanical<br>manual<br>hydraulic<br>(optional) |
| Operating weight (2)                | kg<br>lbs                                                                                                | 145 (3) - 160 (4)<br>320 (3) - 353 (4) | 125<br>275                             | 490 (3) - 550 (5)<br>1080 (3) - 1210 (5)             | 700 (3) - 790 (5)<br>1540 (3) - 1740 (5)             | 1390<br>3060                                    |
| Required oil flow                   | l/min<br>gpm                                                                                             | 30 - 65<br>8 - 17                      | 30 - 75<br>8 - 20                      | 60 - 115<br>16 - 30                                  | 90 - 130<br>24 - 34                                  | 100 - 160<br>26 - 42                            |
| Maximum oil pressure                | BAR<br>psi                                                                                               | 250<br>3625                            | 250<br>3625                            | 300<br>4350                                          | 300<br>4350                                          | 350<br>5100                                     |

(1) The installer is responsible for ensuring that the equipment meets the excavator's specifications and weight requirement.

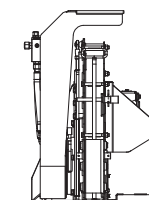
(2) Without mounting bracket.

(3) With trench wheel width: 25 mm.

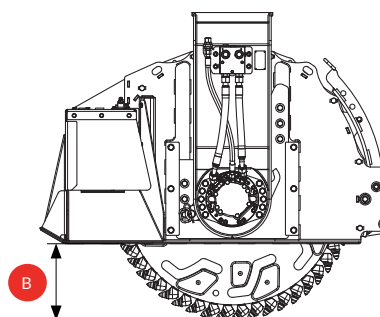
(4) With trench wheel width: 50 mm.

(5) With trench wheel width: 80 mm.

Simex does not accept responsibility or liability for the information provided. Technical modifications may vary without prior notice.



A



B





# RWE



25 - 75 TON

## WHEEL SAWS FOR DEMOLITION

RWE 60 | RWE 80 | RWE 90 | RWE 100

The RWE 60-80-90-100 wheel saw models are designed for heavy excavators to cover all those job-sites where cuts need to be made on horizontal or vertical surfaces and in the presence of very resistant and abrasive materials. These wheel saw models intended for heavy excavators, make set-section cuts on hard and compact surfaces: asphalt, cement, rock. Ideal for demolition and underwater works.

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Cutting disks for 600-800-900-1000 mm  
working depths.

Flow and pressure limiting  
valve ensures coupling  
versatility with variety of  
excavators.

Two high-displacement, radial piston  
hydraulic motors, in direct drive with  
the drum, guarantee high torque and  
generate high tooth force.

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| TECHNICAL DATA                   |                        | RWE 60                       | RWE 80                     | RWE 90                     | RWE 100                    |
|----------------------------------|------------------------|------------------------------|----------------------------|----------------------------|----------------------------|
| Recommended excavator weight (1) | ton<br>lbs             | 25 - 45<br>61000 - 99000     | 50 - 75<br>110000 - 165000 | 50 - 75<br>110000 - 165000 | 50 - 75<br>110000 - 165000 |
| Width                            | <b>A</b><br>mm<br>inch | 100 - 130 - 200<br>4 - 5 - 8 | 130 - 200<br>5 - 8         | 130 - 200<br>5 - 8         | 130 - 200<br>5 - 8         |
| Depth                            | <b>B</b><br>mm<br>inch | 600<br>24                    | 800<br>32                  | 900<br>35                  | 1000<br>39                 |
| Maximum applicable power         | kW                     | 100                          | 220                        | 220                        | 220                        |
| Max. cutting force (3)           | kN<br>lbf              | 23<br>5170                   | 55.7<br>12520              | 50.2<br>11285              | 44.8<br>9891               |
| Operating weight (2)             | kg<br>lbs              | 2550<br>5600                 | 5000<br>11000              | 5550<br>12200              | 6175<br>12350              |
| Required oil flow                | l/min<br>gpm           | 200 - 350<br>53 - 93         | 400 - 450<br>106 - 120     | 400 - 450<br>106 - 120     | 400 - 450<br>106 - 120     |
| Maximum oil pressure             | BAR<br>psi             | 350<br>5100                  | 350<br>5100                | 350<br>5100                | 350<br>5100                |

(1) The installer is responsible for ensuring that the equipment meets the excavator's specifications and weight requirement.

(2) Without mounting bracket.

(3) Cutting force at 350 bar pressure.

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