

Designed for skid steer mounting, Simex RW and RWA wheel saws offer a variety of solutions for working on hard or compact surfaces such as asphalt, cement and rock: cutting and narrow trenches, set-section trenches, mini- and micro-trenches for laying fibre optic cables.

## 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.

## **AVAILABLE WHEELS:**



**STANDARD WHEEL** 

**MENTED WHEEL** 

## STANDARD TEETH FOR ASPHALT CEMENT AND ROCK



For wheel widths between 25 and 30 mm



For wheel widths between 40 and 50 mm



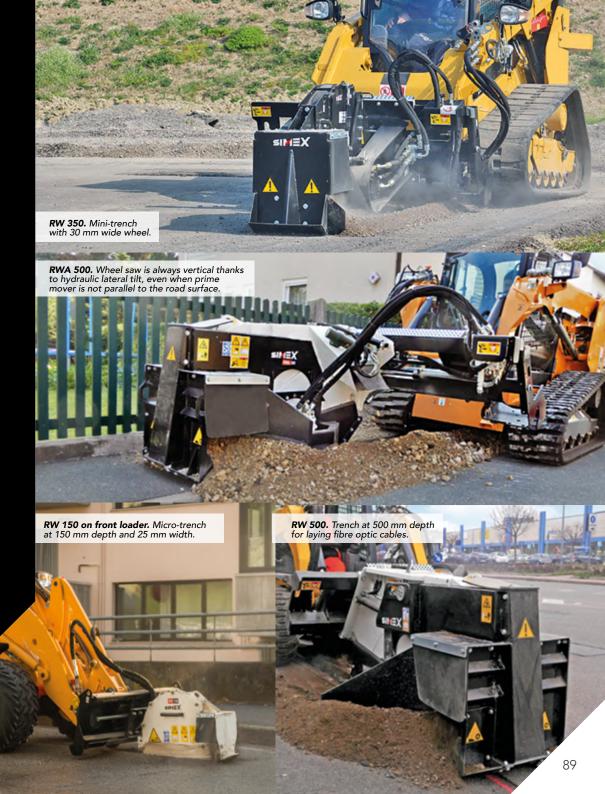
For wheel widths 80 mm or greater



**CONVEYOR BELT** 



**ASPIRATION KIT** 



# RW 350. Mini-trench, 80 mm width. **RW 500** Mini-trench on roadside - 80 mm width and 500 mm depth - for later laying of fibre optic cables. **RW 500** Trench at 120 mm width for laying fibre optic cables.

## **MINI- AND MICRO-TRENCHING**

Unlike with conventional trenching, mini- and microtrenching are much faster, with much lower production of waste material, considerably lower restoration times and costs. Furthermore, possibility of using smaller operating machines reduces the size of road construction sites benefiting traffic conditions, especially in urban areas.



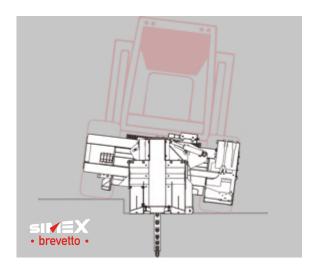
# RW 150, RW 300 AND RW 350: FOR MOUNTING ON SKID STEER LOADERS AND EXCAVATORS

Specifically designed for micro- and mini-trenching for fibre optic cable installation in final connections to buildings, RW 150, RW 300 and RW 350 stand out for their versatility: they are designed for both skid steer and excavator boom mounting (with special mounting bracket). The two attachments ensure cutting and small-section trenches on hard and compact surfaces such as asphalt and cement, for trench widths from 25 to 80 mm and depths from 100 to 350 mm.



## HYDRAULIC LATERAL TILT

The RWA 500 and RWA 700 models are fitted with hydraulic lateral tilt, which allows keeping wheel saw always vertical, even when prime mover is not parallel to the road surface, as in the case of trenching near kerbs.



## **SEGMENTED WHEEL**

RW/RWA 500 and RWA 700 models are fitted with segmented wheels. This allows quick variation of the trench width while maintaining the same base wheel. Segments range from a minimum of 50 up to 120 mm width. Assembling and disassembling segments can be done without long machine downtimes or needing the workshop.



Scan the QR code using your smartphone



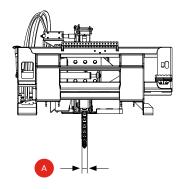


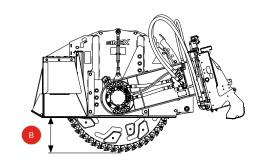
| TECHNICAL DATA       |              | RW 150                                 | RW 300  | RW 350  | RW 500                                 | RWA 500                                | RWA 700                            |
|----------------------|--------------|--|---|---|--|--|------------------------------------|
| Trench width         | mm<br>inch   | 25 - 30 - 40 - 50<br>1 - 1.2 - 1.6 - 2 | 25 - 30 - 40 - 50 - 80<br>1 - 1.2 - 1.6 - 2 - 3.2 | 25 - 30 - 40 - 50 - 80<br>1 - 1.2 - 1.6 - 2 - 3.2 | 50 - 80 - 100 - 120<br>2 - 3.2 - 4 - 5 | 50 - 80 - 100 - 120<br>2 - 3.2 - 4 - 5 | 80 - 100 - 120<br>3,2 - 4 - 5      |
| Trench depth         | mm<br>inch   | 100 - 125 -150<br>4 - 5 - 6            | 200 - 250 - 300<br>8 - 10 - 12                    | 250 - 300 - 350<br>10 - 12 - 14                   | 250 - 500<br>10 - 20                   | 250 - 500<br>10 - 20                   | <b>450 - 700</b><br>18 - 28        |
| Depth adjustment     |              | mechanical                             | mechanical  | mechanical  | hydraulic                              | hydraulic                              | hydraulic                          |
| Side shift           |              | mechanical                             | hydraulic   | hydraulic   | hydraulic                              | hydraulic                              | hydraulic                          |
| Wheel type           |              | standard                               | standard  | standard  | segmented                              | segmented                              | segmented                          |
| Operating weight (1) | kg<br>Ibs    | 225 (2) - 240 (3)<br>450 (2) - 530 (3) | 730 (2) - 790 (3)<br>1600 (2) - 1740 (3)          | 940 (2) - 1030 (4)<br>2070 (2) - 2250 (4)         | 1275 - 1340<br>2800 - 2950             | 1300 - 1400<br>2860 - 3080             | 1 <b>750 - 1850</b><br>3850 - 4070 |
| Required oil flow    | l/min<br>gpm | 30 - 65<br>8 - 17                      | 60 - 115<br>16 - 30                               | 90 - 130<br>24 - 34                               | 100 - 160<br>27 - 43                   | 100 - 160<br>27 - 43                   | 100 - 160<br>27 - 43               |
| Maximum oil pressure | BAR<br>psi   | 250<br>3625                            | 300<br>4350                                       | 300<br>4350                                       | 300<br>4350                            | 300<br>4350                            | 300<br>4350                        |
| Lateral tilt         |              | -                                      | -   | -   | -                                      | •                                      | •                                  |
| Conveyor belt        |              | -                                      |   | -   |  |  |                                    |
| Aspiration device    |              | -                                      | -   | -   |  |  |                                    |

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

Simex does not accept responsibility or liability for the information provided.

Technical modifications may vary without prior notice.





<sup>(2)</sup> With trench wheel width: 25 mm.

<sup>(3)</sup> With trench wheel width: 50 mm.

<sup>(4)</sup> With trench wheel width: 80 mm.