

RW

# SELF-LEVELLING WHEEL SAWS

For fixed-section narrow trenching.

PATENT  
SIMEX

*Sama Trading*  
[www.samatrading.com](http://www.samatrading.com)





■ **For cutting and narrow trenching.**

■ Specially recommended for microtrenching **for fiber optic installation.**

■ Designed for fixed-section trenching on hard and compact surfaces: asphalt, cement and rock.

■ Full wheel protection at any working depth guarantees **maximum safety of persons and property.**

■ The hydraulic piston motors in direct drive with the cutting disk provide **maximum hydraulic efficiency and a high cutting force.**

■ Hydraulic depth adjustment.



#### Trench widths

mm	RW 500	RW 700
50	○	
80	○	○
100	○	○
130	○	○

**PERFORMER**

**PATENT  
SIMEX**

**Performer, the performance optimizer.**

Signals operator how to work with Simex attachments to maximize power and performance (optional).

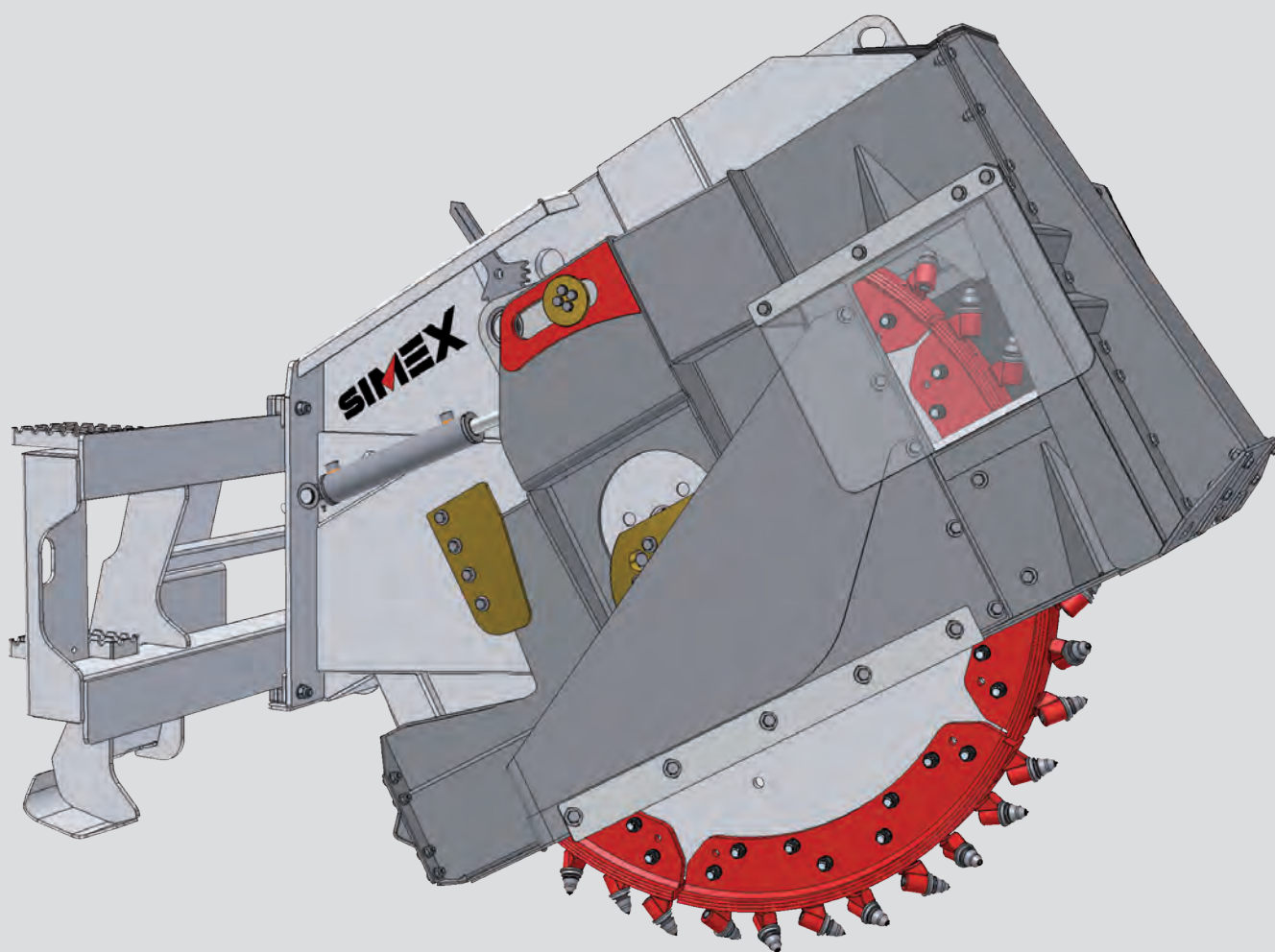


## TECHNICAL SPECIFICATIONS

	RW 500	RW 700	
Trench width	50 - 130	80 - 130	mm
Trench depth	250 - 500	500 - 700	mm
Depth adjustment	hydraulic	hydraulic	
Side shift	hydraulic	hydraulic	
<b>Operating weight (1)</b>	1150-1250	1440-1570	kg
<b>Required oil flow</b>	90 - 160	110 - 160	l/min
<b>Required oil pressure (2)</b>	300 - 180	300 - 180	BAR

(1) User is responsible for ensuring that the equipment meets the prime mover's specifications and weight requirements.

(2) Pressure must be inversely proportional to the flow rate available and vice versa.





■ **Self-levelling system.** **PATENT SIMEX**

■ **Slides parallel to surface.**

Constant trenching depth.

■ **Variable-width frame.** **PATENT SIMEX**

Frame width varies at front with changes in wheel width to improve emptying of trench. Edges of trench remain intact to favor cutting precision.

■ **Quick changes in trench width.**

Disk with removable and interchangeable sectors allows for quick adjustment to trench widths while maintaining the same base disk.

■ **Clean trench.**

Special design of outlets allows trench to be cleared efficiently at the depth programmed. Material is discharged to right and left, or can be expelled to LH side only by closing RH outlet (useful for roadside trenching).

■ **Constant trenching depth.**

Self-levelling to the surface ensures a constant trenching depth in any condition, regardless of the ground contour and the position

of the attachment with respect to the prime mover. Lateral slides automatically align to the cutting surface.

■ **Excellent visibility for the operator.** Operator is free of problems due to poor visibility of the work area, since trenching depth exactly and constantly corresponds to that programmed thanks to self-levelling feature.

■ **Maximum stability and no vibrations.**

The constant and perfect alignment with the surface is a guarantee of maximum stability.

■ **Electrohydraulic valve** controlled from operator's seat for regulating flow also with 3-way connection to prime mover (also with wheel in operation).