



**SIMEX**  
HEAVY MADE EASY

RANGE  
**RW/RWA/RWS**

SELF-LEVELLING  
**WHEEL  
SAWS**

**RW 150** **RW 350** **RWS 400** **RW 500** **RWA 500**

- Clean trench
- Constant trench depth
- Max. safety
- Excellent visibility for operator
- High cutting force
- Stability and no vibrations



SELF-LEVELLING  
WHEEL SAWS

RW 150  
RW 350  
RWS 400  
RW 500  
RWA 500

Utilities



Quarries and mines



Demolition



Port and underwater works



Construction and building



Infrastructure



Tunneling



Agriculture and forestry



Recycling



Roadworks



Trenching



Mini-excavator



Excavator



Skid steer loader



Front loader



Backhoe



Designed for skid steer mounting, Simex RW and RWA wheel saws provide different solutions for working on hard or compact surfaces such as asphalt, concrete and rock: cutting and narrow trenches, set-section trenches, mini- and micro-trenches for fiber optic cable installation. Full protection of the wheel at any working depth guarantees maximum safety of persons and property.

Self-leveling feature ensures constant trench depth and allows operator excellent visibility in any condition.

**SIMEX** **PERFORMER**  
• patent •

ADVANTAGES

- Clean trench
- Constant trench depth
- Max. safety
- Excellent visibility for operator
- High cutting force
- Stability and no vibrations



TECHNICAL DATA		RW 150	RW 350	RWS 400	RW 500	RWA 500
Trench width	mm inch	25 - 30 - 40 - 50 1 - 1,2 - 1,6 - 2	25 - 30 - 40 - 50 - 80 1 - 1,2 - 1,6 - 2 - 3,2	50 - 80 - 100 - 120 2 - 3,2 - 4 - 5	50 - 80 - 100 - 120 2 - 3,2 - 4 - 5	50 - 80 - 100 - 120 2 - 3,2 - 4 - 5
Trench depth	mm inch	100 - 125 - 150 4 - 5 - 6	250 - 300 - 350 10 - 12 - 14	250 - 400 10 - 16	250 - 500 10 - 20	250 - 500 10 - 20
Depth adjustment		Mechanical manual		Hydraulic		
Side shift		Mechanical	Hydraulic			
Operating weight <sup>(1)</sup>	kg lbs	225 (2) - 240 (3) 450 (2) - 530 (3)	940 (2) - 1030 (4) 2072 (2) - 2250 (4)	1100 2420	1275 - 1340 2800 - 2950	1300 - 1400 2860 - 3080
Required oil flow	l/min gpm	30 - 65 8 - 17	90 - 150 24 - 39	90 - 160 24 - 43	100 - 160 27 - 43	100 - 160 27 - 43
Max. oil pressure	BAR psi	250 3625	250 3625	300 4350	300 4350	300 4350
Lateral tilt		-	-	●		●
Conveyor belt		-	-	□	□	□
Vacuum device		-	-	□	□	□
Steering system		-	-	●		

● Standard □ On request

(1) User is responsible for ensuring that the characteristics of the prime mover suit the weight and specifications of the attachment  
(2) With a 25 mm wheel saw width.  
(3) With a 80 mm wheel saw width.  
(4) With a 80 mm wheel saw width.

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





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**SIMEX**  
• patent •

### SELF-LEVELLING SYSTEM FOR CONSTANT TRENCHING DEPTH.

The self-levelling system (Simex patent) guarantees constant trenching depth in any condition, regardless of the ground contour and the position of the attachment with respect to the prime mover.



### SUCTION



- By replacing the front section and closing the outlets the excavated material can be aspirated with the aid of a vacuum truck (Optional).

### CONVEYOR BELT



- To convey the excavated material to a height that allows it to be loaded into the bucket of a second machine.

**SIMEX**  
• patent •

### RWS VERSION

The innovative RWS can create curved trenches with radii down to 5 m. The special steering unit acts on the axis of the wheel saw to go right and left.



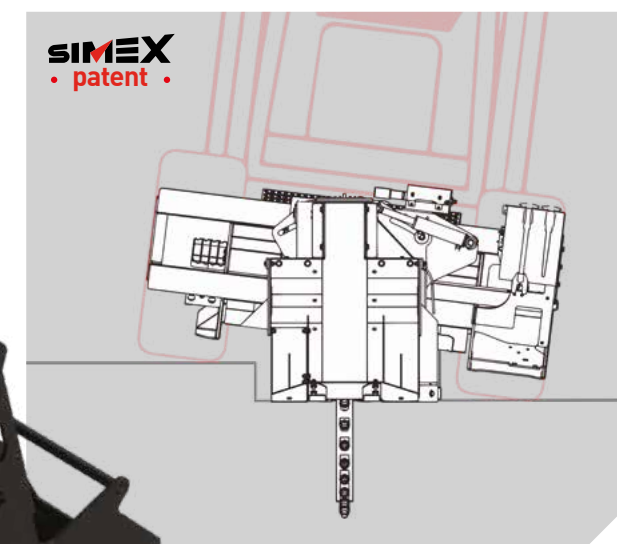
### HYDRAULIC DEPTH ADJUSTMENT

### THE PERFORMANCE OPTIMIZER

Informs the operator how to work with Simex attachments to maximize power and performance. (Optional)

### HYDRAULIC LATERAL TILT

Maintains the wheel saw vertical in any condition. Allows milling near sidewalks with the wheel saw in vertical position even when the prime mover is not parallel to the road surface, compensating for a difference in level up to 200mm.



### HYDRAULIC SIDE SHIFT

### SIDE DISCHARGE OF MATERIAL

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

### WATER SPRAY

For dust control. (Optional)

### SEGMENTED WHEEL

Disk with removable, interchangeable segments allows quick variation of the trench width while maintaining the same base wheel.

