

CUTTER WHEELS (ERWETOR)

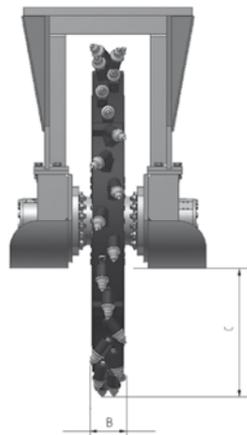
For the accurate cutting of narrow trenches or slots in rock and concrete

Designed specifically as an excavator attachment, the ERW range of cutter wheels has two high torque hydraulic motors per wheel, guaranteeing a powerful cutting force for higher than expected performance in medium hard rock up to 80 MPa uniaxial compressive strength or re-enforced concrete.

erkat manufactures 3 sizes of cutter wheels in the ERW range for excavators from 14 to a maximum of 50 tons.

To cover the widest variety of operating conditions, erkat can supply wheels designed specifically for rock or concrete to depths of 1,000 mm. Cutter wheels, with various pick designs can be supplied for cutting widths up to 400 mm. Nonstandard wheels can be made to order.

Able to work under water to depths of 30 m, they are ideally suited for canal work or underwater demolition projects.



TECHNICAL DATA	Units	ERW 400	ERW 600	ERW 1000
Cutting width (B)	mm	80 - 200	80 - 200	130 - 400
Cutting depth (C)	mm	200 - 400	300 - 600	700 - 1,000
Torque at 350 bar	Nm	10,400	21,000	47,000
Maximum oil flow at 50 bar	l/min	200	340	600
Recommended oil flow according to wheel diameter	l/min	120 - 170	230 - 300	300 - 550
Maximum operating oil pressure	bar	350	350	350
Maximum diameter of rebar in concrete ¹⁾	mm	10	12	16
Weight with maximum size wheel, depth and width ²⁾	kg	1,400	1,700	5,500
Rated power	kW	80	130	220
Recommended excavator weight	t	14 - 25	18 - 35	35 - 50
Standard pick ³⁾	Type	ER 17/64/60/25 Q	ER 17/75/70/30 Q	ER 17/75/70/30 Q

erkat can supply wheels to order for various cutting widths and depths. The number of picks depends on the pattern on the wheel, for the exact quantity ask your supplier. Within technical boundaries, cutter wheels can be made to order.

¹⁾ To maintain the warranty, check with the manufacturer before use in re-enforced concrete containing larger diameter rebar

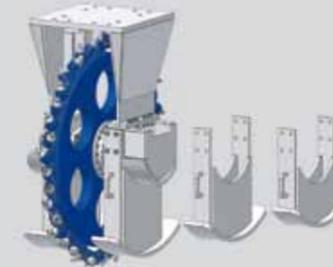
²⁾ Cutter wheel weight depends on diameter and width erkat can supply cutter wheels for the ERW in various diameters and widths

³⁾ An overview of standard picks is on page 39.

Cutter drums can be supplied with picks for special applications as required – see Cutter Tool Catalogue.



+ robust and exchangeable support brackets to modify cuttings depth



In steps of 100 mm, available for 300, 400 and 500 mm cutting depth



- + strong, manoeuvrable housing
- + two high torque hydraulic motors
- + smooth, low vibration cutting action

- + wheels for various cutting depths and widths
- + proven tool design, pick pattern
- + use underwater to depths of 30 m
- + ideal for concrete demolition ¹⁾

