



CUTTING EDGE TECHNOLOGY

For many applications, a smart solution
ER | ERC | VC | ER-L | ADU



Working side by side

Transverse Drum Cutters are an excellent choice for rock or concrete wall and surface profiling, trenching, soft rock and frozen soil excavation and demolition.

Extremely **robust spur gears** for optimum energy transmission and maximum reliability



QuickSnap retaining system (ER 600–3000) for quick and easy pick changing

Large variety of cutting heads for various applications available

Robust housing design with HARDOX wear protection for higher uptime

Mechanical **360° rotatable bracket** (ER 50–3000) with central fixing bolt for easy positioning of the drum cutter

Optional static Pro Bracket (see page 6)

Adoptable high torque **radial piston motor** for higher productivity and motor lifetime

High load resistant **output shaft bearing system** with lubrication-free slide ring seal system

Pick holder sleeves (ER 650–5500) are replaceable



ER range		ER 40X	ER 50X	ER 50	ER 100X	ER 100	ER 250X	ER 250	ER 600
Carrier weight class ¹⁾	t	0.6–2	1–3	1–3	3–8	3–8	8–15	8–15	10–18
Service weight ²⁾	kg	110	170	200	330	350	520	570	900
Product weight	kg	90	130	160	290	310	450	500	820
Nominal power	kW	13	18	18	30	30	45	45	65
A	mm	495	610	615	805	805	940	965	1,130
B	mm	400	400	500	500	610	600	685	795
C	mm	225	225	240	370	370	400	450	575
Rotational speed	rpm	130	150	150	115	115	90	90	80
Optimum oil flow ³⁾	l/min	17–22	25–38	25–38	52–62	41–62	60–85	60–85	120–150
Max. torque ⁴⁾	Nm	960	1,420	1,420	3,000	3,000	5,200	5,200	10,100
Max. cutting force ⁴⁾	N	8,530	12,620	11,850	16,200	16,200	26,000	23,200	35,100
Pick shaft diameter	mm	11.4	11.4	15	20	20	20	22	25
Number of picks	pcs	40	40	56	44	64	44	44	48
Max. oil flow ⁵⁾	l/min	40	60	60	90	90	100	100	170
Max. operating pressure	bar	350	350	350	350	350	350	350	350
Max. material hardness	MPa	20	20	20	30	30	40	40	50

1) Weights apply to standard carriers only. Any variances must be agreed with Erkat and/or the carrier manufacturer prior to attachment.

2) Attachment with standard picks & average-sized adapter plate. 3) Various motor variants available per model. 4) at 350 bar 5) at 10 bar