

Drum Cutters

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 reliability

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

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



Adoptable high torque **gear motor** for higher productivity and motor lifetime

Large variety of **cutting heads** for various applications available

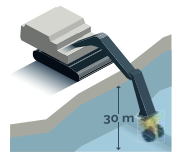
High load resistant **output shaft bearing system** with lubrication-free slide ring seal system

Robust housing design with **HARDOX** wear protection for higher uptime

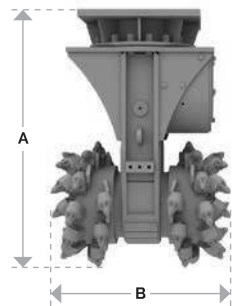
Pick sleeves (ER 1500-5500) are replaceable



Can be used up to 30 meters underwater without additional installation or modification.



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	3-7	3-7	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



ER range		ER 650	ER 1500X	ER 1500XL	ER 1700	ER 2000X	ER 2000	ER 3000	ER 5500
Carrier weight class ¹⁾	t	15-28	20-40	20-40	30-50	35-50	35-50	50-70	70-125
Service weight ²⁾	kg	1,200	2,000	2,100	2,450	2,700	2,900	4,000	7,000
Product weight	kg	1,050	1,750	1,850	2,200	2,400	2,600	3,500	6,000
Nominal power	kW	80	120	120	120	160	160	200	400
A	mm	1,250	1,425	1,425	1,425	1,600	1,600	1,650	1,970
B	mm	800	880	1,000	1,040	1,050	1,250	1,330	1,600
C	mm	585	720	720	720	720	720	805	920
Rotational speed	rpm	80	75	75	72	65	65	53	48
Optimum oil flow ³⁾	L/min	140-190	205-300	205-300	290-360	300-390	300-390	350-450	700-950
Max. torque ⁴⁾	Nm	12,400	23,400	23,400	27,900	31,500	31,500	46,800	111,500
Max. cutting force ⁴⁾	N	42,400	65,000	65,000	77,500	87,500	87,500	116,300	242,400
Pick shaft diameter	mm	30	30	30	30	30	30	38-30	38
Number of picks	pcs	44	44	48	56	56	56	64	68
Max. oil flow ⁵⁾	L/min	210	320	320	360	410	410	500	1,000
Max. operating pressure	bar	350	350	350	350	350	350	350	350



1) Weights apply to standard carriers only. Any variances must be agreed with Epiroc 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