

EX

COLD MILLING MACHINES FOR ASPHALT AND CONCRETE WITH ADJUSTABLE CUTTING DEPTH

Drumcutters patch planers are ideally suited for repairing asphalt paving or cleaning contaminated material from concrete or screed surfaces. With mechanically or hydraulically adjustable depth control, it is possible to remove material with high precision to a depth of 7 1/2" (19 cm).

Drumcutters patch planers are available in five different sizes and cover the entire spectrum of hydraulic excavators and carriers with an operating weight from 13,200 to 50,600 lb (6 to 23 tons).

Drumcutters patch planers can work in every position; on horizontal, vertical and inclined surfaces. They can even remove material from overhead as, for example, in a tunnel. A patch planer provides a superb surface finish (pre-cutting no longer required) and the grain size of material extracted can be used as back fill.

Cutter drums can be fitted with picks suitable for asphalt or concrete. Moreover cutter drums can be supplied in different designs and width allowing flexibility to meet various application requirements.



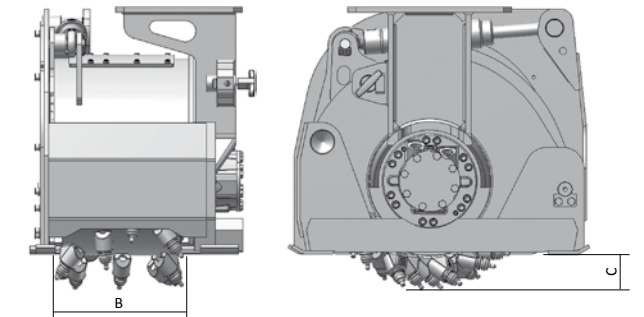
TECHNICAL DATA

	Units	EX 30	EX 30 HD	EX 45	EX 45 HD	EX 60	EX 60 HD
Cutting width, standard [B]	in mm	12 300	300	18 450	18 450	24 600	24 600
Cutting depth, adjustable [C]	in mm	0-4.75 0-120	0-120	0-6 0-150	0-6 0-150	0-7.5 0-190	0-7.5 0-190
Recommended rotation speed	rpm	170	140	140	110	150	120
Recommended oil flow	gal/min l/min	25 95	95	34 130	45 170	50 190	53 200
Minimum hydraulic oil flow	gal/min l/min	19 70	80	27 100	37 140	40 150	48 180
Maximum hydraulic oil flow	gal/min l/min	26 100	110	34 130	47 180	53 200	55 210
Maximum operating oil pressure	psi bar	5,000 350	350	5,000 350	5,000 350	5,000 350	5,000 350
Torque at 5,000 psi (350 bar)	lbf-ft Nm	2,290 3,100	4,100	3,830 5,200	6,420 8,700	5,160 7,000	6,860 9,300
Cutting force at 5,000 psi (350 bar)	lbf kN	2,700 12	16	4,000 18	6,700 30	4,900 22	6,300 28
Weight	lb kg	880 400	410	1,540 700	1,600 730	2,640 1,200	2,706 1,230
Rated power	hp kW	40 30	30	60 45	87 65	67 50	107 80
Recommended weight of excavator or skid steer loader	lb t	13,200-22,000 6-10	6-10	17,600-33,000 8-15	26,400-35,200 12-16	26,400-44,000 12-20	39,600-50,600 18-23
Number of picks	Qty	35	35	49	49	59	59
Standard pick ¹⁾	Type	ER 16/48/32/20 HC	ER 16/48/32/20 HC	ER 16/48/32/20 HC	ER 16/48/32/20 HC	ER 16/48/32/20 HC	ER 19/48/36/20 HC

PLANER WITH ROTATION UNIT

	Units	EX 30	EX 30 HD	EX 45	EX 45 HD	EX 60	EX 60 HD
Weight	lb kg	1,276 580	590	2,156 980	2,222 1,010	3,674 1,670	3,740 1,700
Recommended weight of excavator or skid steer loader	lb t	13,200-22,000 6-10	6-10	17,600-33,000 8-15	26,400-35,200 12-16	26,400-44,000 12-20	39,600-50,600 18-23

¹⁾ An overview of standard picks is on page 27.
Cutter drums can be supplied with picks for special applications as required.



- thick plate housing, low vibration
- robust sliding frame with wear-resistant runners
- high torque, convertible hydraulic motors
- high precision depth control (mechanically or hydraulically adjustable)
- superb surface finish and small grain size of material milled
- integrated water spraying nozzles (dust extraction optional)
- an optional mounting bracket allows the planer to be fitted to an excavator, backhoe loader or skid-steer loader

