

# UNIVERSAL CUTTERS (FLEXATOR)

Multi-functional cutter for wood, asphalt, concrete and rock

The Flexator is a true multi-purpose machine – equally as useful for removing tree stumps as it is for cutting narrow slots in asphalt or concrete or for accurate removal of material from horizontal or vertical surfaces.

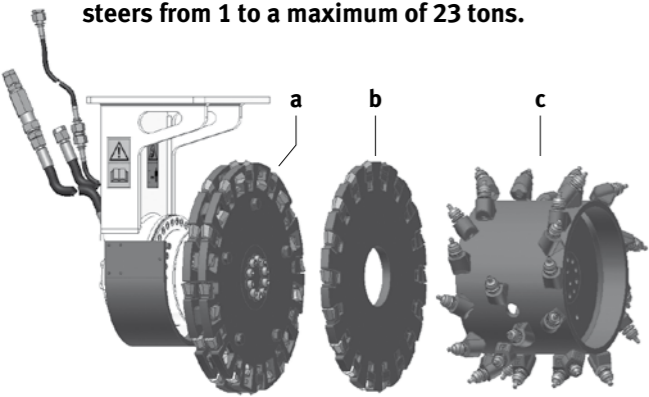
It is available in 8 sizes for excavators or skid steers from 1 to a maximum of 23 tons.

To the carrier frame, which also carries the drive motor, cutter wheels or a cutter drum can be fixed for working in wood, concrete, asphalt and rock (optional).

- a For tree stump removal, a very efficient wood cutting wheel
- b A special slot cutting wheel for concrete, asphalt and rock (optional)
- c A cutter drum that can be used for cutting horizontal and vertical surfaces (optional)

- + tool carrier with high torque hydraulic motor
- + fitted with the ERU rotation unit for endless, continuous rotation (ESR)
- + with a mounting bracket (optional) can be mounted on excavator, loader or skid steer without any further modifications

- + multi-functional: with wood cutting wheel, slot cutting wheel (optional) or cutter drum (optional)



TECHNICAL DATA	Units	ES 20	ES 20 HD	ES 30	ES 30 HD	ES 45	ES 45 HD	ES 60	ES 60 HD
Recommended rotation speed	rpm	60 - 240	100 - 175	90 - 170	75 - 140	90 - 140	85 - 110	100 - 150	90 - 120
Recommended oil flow at 150 bar	l/min	25 - 60	40 - 70	50 - 95	60 - 95	85 - 130	130 - 170	130 - 190	150 - 200
Minimum hydraulic oil flow	l/min	25	30	50	55	80	120	130	150
Maximum hydraulic oil flow	l/min	70	80	100	110	130	180	200	210
Maximum operating oil pressure	bar	310	310	350	350	350	350	350	350
Maximum Torque at 350 bar	Nm	660 @ 205 bar	1.000 @ 205 bar	3.100	4.100	5.200	8.700	7.000	9.300
Weight according to tool	kg	max. 90	max. 90	max. 200	max. 205	max. 350	max. 350	max. 500	max. 530
Rated power	kW	22	22	30	30	45	65	50	80
Recommended excavator, skid steer loader weight	t	1 - 3	2 - 4	5 - 10	6 - 10	8 - 15	12 - 16	12 - 20	16 - 23
<b>Wood cutting wheel</b>									
Diameter/width/cutting depth	mm	405/100/100	405/100/100	540/80/110	540/80/110	660/80/150	660/80/150	660/80/150	660/80/150
Number of picks	Pcs	20	20	48	48	56	56	56	56
Standard pick <sup>1)</sup>	Type	Wood cutting picks	Wood cutting picks	ES drag picks	ES drag picks	ES drag picks	ES drag picks	ES drag picks	ES drag picks
<b>Slot cutting wheel</b>									
Diameter/width/cutting depth	mm	490/45/150	490/45/150	630/45/150	630/45/150	790/50/215	790/50/215	900/50/270	900/50/270
Number of picks	Pcs	28	28	36	36	44	44	48	48
Standard pick <sup>1)</sup>	Type	ER 16/29/25/14 S	ER 16/29/25/14 S	ER 16/29/25/14 S	ER 16/29/25/14 S	ER 19/33/30/15 S	ER 19/33/30/15 S	ER 19/33/30/15 S	ER 19/33/30/15 S
<b>Cutter drum</b>									
Diameter/width/cutting depth	mm	360/200/85	360/200/85	520/300/110	520/300/110	580/450/110	580/450/110	670/600/190	670/600/190
Number of picks	Pcs	42	42	35	35	49	49	69	69
Standard pick <sup>1)</sup>	Type	ER 16/28/26/14 HC	ER 16/28/26/14 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 16/48/32/20 HC	ER 16/48/32/20 HC

FLEXATOR WITH ROTATION UNIT		ESR 20	ESR 20 HD	ESR 30	ESR 30 HD	ESR 45	ESR 45 HD	ESR 60	ESR 60 HD
Weight	kg	175	180	375	380	620	650	1.000	1.030
Recommended excavator, skid steer loader weight	t	1 - 3	2 - 4	5 - 10	6 - 10	8 - 15	12 - 16	12 - 20	16 - 23

<sup>1)</sup> 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.

