

ROTARY CUTTERS

Twin drum



Accurate job

No vibrations transmitted to the surrounding area.

Low noise Low vibrations level

Possibility to work close by houses, hospitals, schools, bridges, other infrastructures.

Highly performing

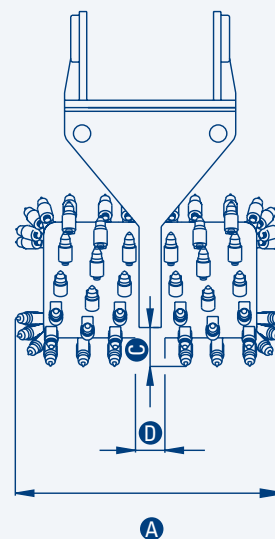
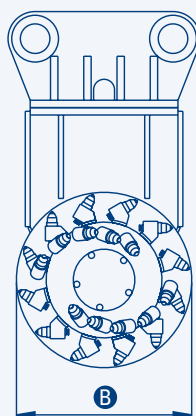
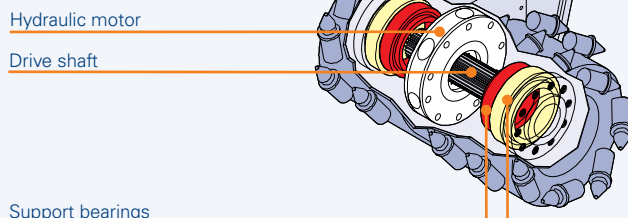
Ideal for trenching in hard and compact ground, concrete or rock wall profiling, quarrying, demolition and dredging.

Indispensable

Indispensable where standard excavation systems are too weak and percussion systems have little effect.

HIGH PERFORMANCE

Integrated high-displacement hydraulic radial piston motor to ensure **high performance** and **high rotation torque**.



SPECIFICATIONS

	TF 200	TF 400	TF 600	TF 800	TF 1000	TF 2000	TF 3000	
A (standard drums)	565	625	700	800	900	1100	1250	mm
A (wall profiling)	650	750	850	1000	1200	1400	1400	mm
B	380	450	500	590	660	710	730	mm
C	75	75	75	95	110	120	120	mm
D	110	130	130	150	160	175	300	mm
Excavator weight (1)	2,5 - 7	6 - 12	9 - 16	14 - 22	20 - 34	28 - 45	40 - 60	ton
Hydraulic motor power	27 - (37)	37 - (50)	50 - (68)	61 - (83)	87 - (118)	112 - (152)	165 - (225)	kw (cv)
Required oil pressure (2)	350 - 200	350 - 200	350 - 200	350 - 200	350 - 210	400 - 210	400 - 210	BAR
Required oil flow (3)	45 - 80	65 - 120	90 - 150	105 - 190	150 - 250	170 - 340	250 - 480	l/min
Max torque	2,5	4,6	6,9	9,5	15,6	19,1	38,2	KNm
Max cutting force	13,5	20,3	27,6	31,8	47,3	53,9	103,2	KN
Weight (standard drum - no bracket)	300	470	640	1035	1575	2240	3650	kg

(1) User is responsible for ensuring that the equipment meets the prime mover's specifications and weight requirements.

(2) The cutting force decreases at the pressure and/or oil capacity reduces.

(3) Number of revolutions and cutting speed decrease as the oil capacity reduce.

SECTION TRENCHES



QUARRYING



DEMOLITIONS



WALL PROFILING



WORKS ON ROCK



TUNNELING



STRIPPING AND DEVELOPMENT



UNDER WATER JOBS



ROTARY CUTTERS

Continuous cutting – For mini excavators



Patented

Ideal for finishing jobs on flat surfaces

Excellent job for stump grinding

New system without non working zone (Simex patent).

SPECIFICATIONS

		TF 50	TF 100	
Width (cutting profile)		360	470	mm
Drums diameter (cutting profile)		230	260	mm
Weight (1)		90	170	kg
Recommended excavator weight (2)		1,2 - 2,5	2,0 - 4,0	ton
Required oil flow		20 - 35	30 - 50	l/min
Required oil pressure		175 - 250	175 - 300	BAR
Max. torque	at 250 BAR - 590 Nm	590	-	Nm
Max. torque	at 300 BAR - 590 Nm	-	1060	Nm
Max. cutting force	at 250 BAR - 5100 N	5100	-	N
Max. cutting force	at 300 BAR - 8100 N	-	8100	N

(1) Without bracket.

(2) User is responsible for ensuring that the equipment meets the prime mover's specifications and weight requirements.