



SIMEX
HEAVY MADE EASY

RANGE
TFC

**CUTTER
HEADS**
CONTINUOUS CUTTING

TFC 50

TFC 100

TFC 400

- Versatile
- Low noise output
- High precision
- Continuous cutting

CUTTER HEADS

CONTINUOUS CUTTING



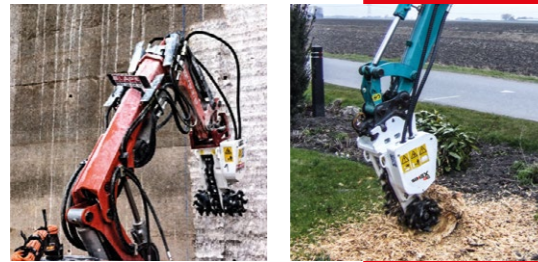
The **patented cutter heads with continuous cutting** are specially designed for mounting on mini-excavators. Their **innovative system allows whole width of the attachment to cut without gaps at center or side footprints**. Ideal for **finishing flat surfaces and trenches**.

Quiet and precise in the work area, they do not intrude on the surrounding area. **Versatile and high-performing**, they can be utilized for **crushing roots and tree trunks, milling asphalt and concrete, milling plaster** (thanks to lateral disks there is perfect control of the layer removed).



ADVANTAGES

- Versatile
- Low noise output
- High precision
- Continuous cutting



TECHNICAL DATA		TFC 50	TFC 100	TFC 400
Width (cutting profile)	mm inch	370 15	480 / 430 (*) 19 / 17 (*)	520 / 420 (*) 20,5 / 16,5 (*)
Drum diameter (cutting profile)	mm inch	230 9	260 10	450 18
Weight (1)	kg lbs	90 200	170 374	500 1100
Recommended excavator weight (2)	ton lbs	1,2 - 3,0 2640 - 6600	2,5 - 4,5 5600 - 9900	6 - 14 13000 - 31000
Required oil flow (3)	l/min gpm	20 - 40 5 - 11	30 - 60 8 - 16	65 - 115 17 - 30
Max. required oil pressure (4)	BAR psi	250 3625	300 4350	300 4350
Max. torque	at 250 BAR at 3625 psi	Nm lbf.ft	600 445	- -
Max. torque	at 300 BAR at 4350 psi	Nm lbf.ft	- -	1060 780
Max. cutting force	at 250 BAR at 3625 psi	N lbf	5100 1145	- -
Max. cutting force	at 300 BAR at 4350 psi	N lbf	- -	8100 1820
				17500 12900

(*) Narrow drums for increased penetration.

(1) Without mounting bracket to boom.

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

(3) RPM and cutting speed decrease with lowered oil flow.

(4) Torque and cutting force decrease with lowered operating pressure.

Simex does not accept responsibility or liability for the information provided. Technical modifications may vary without prior notice.



TFC 50
TFC 100
TFC 400



Utilities



Quarries and mines



Demolition



Port and underwater works



Construction and building



Infrastructure



Tunneling



Agriculture and forestry



Recycling



Roadworks



Trenching



Mini-excavator



Excavator



Skid steer loader



Front loader



Backhoe