

# TFC



1.2 - 12 TON

## CUTTER HEADS WITH CONTINUOUS CUTTING

TFC 50 | TFC 100 | TFC 400 | TFC 600

WATCH THE VIDEO

Scan the QR code using your smartphone



Ideal for trenching as well as wall profiling.

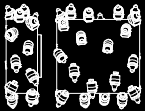
The double drum system plus central chain makes the front continuous cutting profile without gaps at centre.

A versatile attachment, it may be used in various application fields.

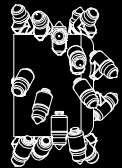


The TFC cutter heads with continuous cutting are specifically designed for mounting on mini-excavators and excavators up to 12 tons. They feature an innovative system without gaps at centre or side footprints and are ideal for finishing flat surfaces and trenches. Quiet and precise in the work zone, they do not intrude on the surrounding area. Versatile and high-performing, they can also be utilized for crushing roots and tree trunks, milling asphalt and cement, milling plaster.

### DRUMS



**STANDARD**  
For TFC 50



**STANDARD**  
For TFC 100



**STANDARD**  
For TFC 400



**STANDARD**  
For TFC 600

### TEETH



**STANDARD**  
For TFC 50



**STANDARD**  
For TFC 100

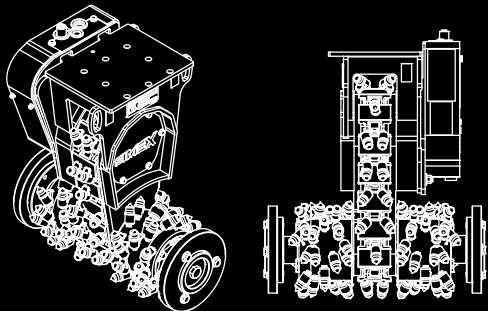


**STANDARD**  
For TFC 400



**STANDARD**  
For TFC 600

### SUPPORT WHEELS (OPTIONAL)



Models TFC 50 and TFC 100 may be fitted with lateral disks to ensure perfect control on the thickness of the milled material.



### VERTICAL PROFILING

**TFC 400.** Vertical profiling on rock wall for later consolidation.



### CONTROLLED REMOVAL

**TFC 100.** Removal of plaster on wall with thickness control thanks to side wheels.



### CONDUITS

**TFC 400.** Trench excavation for laying water mains pipes.



### SCARIFICATION

**TFC 100.** Scarification of concrete pillars.





### ROADWORKS

**TFC 50.** Selective removal of deteriorated asphalt for later resurfacing.



### CONDUITS

**TFC 400.** Trench excavation for laying underground utilities.



### CRUSHING TREE TRUNKS

**TFC 100.** Crushing roots and tree trunks.

## CONTINUOUS CUTTING WITH CENTRAL CHAIN

TF technology is naturally completed by the TFC range, for excavators in the 1.2-12 ton category. It features a double drum system plus central chain, which makes the front continuous cutting profile without gaps at centre between the drums. Ideal for finishing flat surfaces and for creating set-section trenches.



## TRENCHING

With trench excavations it is possible to work at great depths (the only limit being the excavator boom) since thanks to the continuous cut given by the central chain, movement will only be vertical, allowing the operator to keep the excavation width as small as possible. With this method, it will no longer be necessary to move the boom left and right to remove portions of unmilled material that normally form between the drums.



## WALL PROFILING

Similarly to flat surfaces, with the TFC it is possible to do narrow millings as narrow as the cutter head profile is also on vertical walls or tunnel vaults, and are therefore particularly indicated for laying utilities, building elements, formworks, etc. When profiling walls and tunnels, the central chain allows side-by-side millings using the entire cutting width profile, avoiding any unmilled material to be left, granting more productivity in less time.



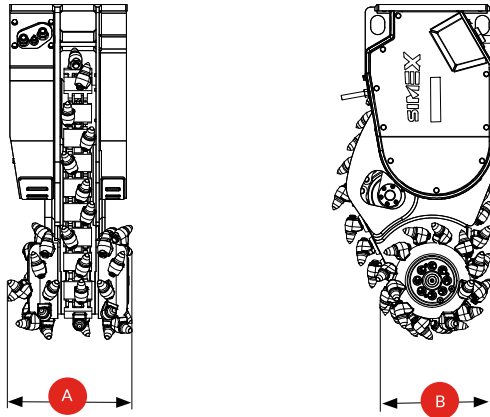
## VARIOUS APPLICATION FIELDS

Quiet and precise in the work area, their versatility ensures high performance in various application fields, such as:

- Trench excavation
- Scarification and profiling of flat surfaces and vertical walls
- Removal of deteriorated concrete in tunnel
- Crushing of roots and tree trunks
- Precision road maintenance (finishing around manholes and footpaths).



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TECHNICAL DATA		TFC 50	TFC 100	TFC 400	TFC 600
Width (cutting profile)	<b>A</b> mm inch	370 15	480 19	440 / 500 (*) 17 / 20 (*)	490 / 540 (*) 20 / 21 (*)
Drum diameter (cutting profile)	<b>B</b> mm inch	230 9	260 10	420 16	480 19
Weight (1)	kg lbs	90 200	170 375	400 880	670 1470
Recommended excavator weight (2)	ton lbs	1.2 - 3.0 2640 - 6600	2.5 - 4.5 5600 - 9900	6 - 10 13000 - 22000	9 - 12 20000 - 26400
Required oil flow (3)	l/min gpm	20 - 40 5 - 10	30 - 60 8 - 16	65 - 115 17 - 30	90 - 150 24 - 40
Maximum oil pressure (4)	BAR psi	250 3625	300 4350	300 4350	300 4350
Max. torque	Nm lbf.ft	600 (at 250 bar) 445 (at 3625 psi)	1060 (at 300 bar) 780 (at 4350 psi)	3800 (at 300 bar) 2800 (at 4350 psi)	5900 (at 300 bar) 4350 (at 4350 psi)
Max. cutting force	N lbf	5100 (at 250 bar) 1145 (at 3625 psi)	8100 (at 300 bar) 1820 (at 4350 psi)	18500 (at 300 bar) 4160 (at 4350 psi)	24500 (at 300 bar) 5500 (at 4350 psi)

(\*) Drums optional.

(1) Without mounting bracket.

(2) The installer is responsible for ensuring that the equipment meets the excavator's specifications and weight requirement.

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

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

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