

# TFU



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## UNIVERSAL CUTTER HEADS

category

1.5 - 25 TON



Mini Exc.



Midi Exc.



Exc.



Backhoe

models

TFU 200 | TFU 250 | TFU 350 | TFU 450  
TFU 550 | TFU 650

The TFU universal cutter heads for excavators are versatile attachments that can be used on horizontal, vertical or sloped surfaces, for scarification, profiling, cutting and trenching. In fact, they may be **fitted with milling drum or cutting wheel** for various widths and depths.



### MAY BE FITTED WITH EITHER CUTTING DRUM OR WHEEL

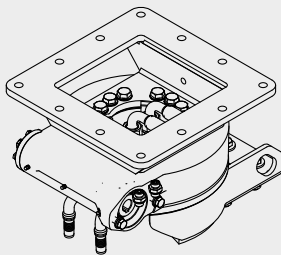
The universal cutter heads may be fitted with a cutting drum for scarification of cement, asphalt, or for profiling vertical or sloped surfaces. The cutting wheel, instead, may be used for trenching and small excavations of various depths and widths on hard and compact surfaces.



### SPECIAL TOOLS FOR MICRO-CUTS for cutting widths 25 mm and up

For the construction of mini- and micro-trenches, Simex has introduced a new-generation tool in which the tungsten carbide is coated on the outside with a layer of sintered polycrystalline diamond (PCD). This provides greater durability compared to traditional tools, higher peripheral disk speeds—and therefore greater productivity—and a cleaner cutting edge.

**A** 360° ROTATION (OPTIONAL)



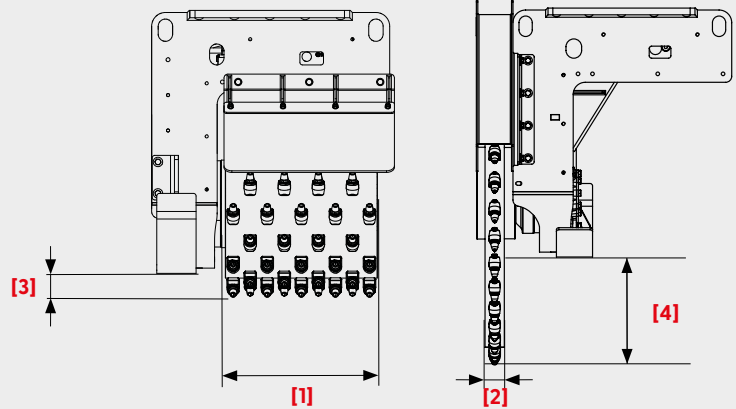
**B** May be fitted with either cutting drum or wheel.

**C** Motor in direct drive with the drum.

**D** Flow and pressure limiting valve (TFU 550 and TFU 650).

**DRUM**

**CUTTING WHEEL**



**HIGH SPEED DIAMOND DISK**

Designed for straight cuts in concrete and asphalt road surfaces; ideal for creating expansion joints and micro-trenches for the laying of fibre-optic cables for traffic light systems.

Suitable for micro-cuts less than 10 mm, guarantees a working depth of up to 310 mm. The disk's high rotation speed, up to 800 rpm, ensures fast and efficient cutting. Designed exclusively for wet cutting, the machine is fitted with a spray kit integrated into the frame.

Suitable for cutting hard materials such as concrete, asphalt, bricks, and natural stone.



TECHNICAL DATA		TFU 200	TFU 250	TFU 350	TFU 450	TFU 550	TFU 650
Recommended excavator weight (*)	ton	1.5 - 3.5	3 - 6	5 - 11	9 - 15	11 - 18	15 - 25
	lbs	3300 - 7700	6600 - 13200	11000 - 24200	20000 - 33000	24200 - 39600	33000 - 55000
<b>DRUM</b>							
Standard width [1]	mm	200	250	350	450	550	650
	inch	8	10	14	18	22	26
Max. depth [3]	mm	60	70	100	120	150	200
	inch	2.4	2.8	4	5	6	7
<b>CUTTING WHEELS</b>							
Width [2]	mm	25 - 30 - 50	25 - 30 - 50 - 80	25 - 30 - 50 80 - 100	25 - 30 - 50 80 - 100 - 120	25 - 30 - 80 120 - 150	100 - 150 - 200
	inch	1 - 1.2 - 2	1 - 1.2 - 2 - 3	1 - 1.2 - 2 - 3 - 4	1 - 1.2 - 2 - 3 - 4 - 5	1 - 1.2 - 3 - 5 - 6	4 - 6 - 8
Max. depth [4]	mm	150	200	250	300	350	450
	inch	6	8	10	12	14	18
Maximum pressure	bar	250	350	350	350	350	350
	psi	3625	5100	5100	5100	5100	5100
Required oil flow	l/min	25 - 50	40 - 80	60 - 115	80 - 140	110 - 190	150 - 250
	gpm	7 - 14	11 - 22	16 - 30	21 - 37	29 - 50	40 - 66

\* The installer is responsible for ensuring that the equipment meets the excavator's specifications and weight requirement. Simex does not accept responsibility or liability for the information provided. Technical modifications may vary without prior notice.