

MP



11 - 40 TON

CUTTER HEADS FOR PROFILING

MP 500 | MP 600 | MP 800 | MP 1000

Simex MP cutter heads for profiling, designed for excavator mounting, guarantee perfect precision finishing in applications such as: resurfacing tunnel roofs, restoring deteriorated surfaces, profiling concrete embankments and milling industrial floorings. Wheels or lateral slides allow milling thickness to remain constant in any condition.

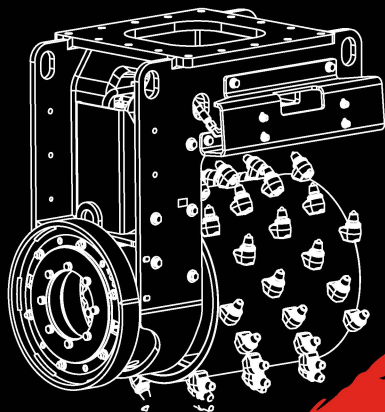
Four models for 11 to 40-ton excavators specially designed for profiling horizontal, vertical or sloped surfaces, or where constant milling depth is required.

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The new MP 500 and MP 600 cutter heads for profiling, designed with 11 to 25-ton excavators in mind, can be fitted with just one support wheel, perfect for applications where the frame's footprint needs to be reduced as much as possible.



Piston motor in direct drive
with the drum.



The adjustable attachment (optional), thanks to two shock absorbers, allows perfectly following the profile of surfaces to be milled while working.

Nebulizer kit: for reducing
dust emission in the tunnel
(optional).

Work depth is controlled by
lateral wheels for constant milling
thickness.



THE CUTTER HEAD FOR PROFILING TUNNELS

In tunnels, there is often widespread deterioration of the lining concrete, with cracks and gravel pockets that arise due to numerous infiltrations of water. The MP range is particularly effective in removing damaged concrete. Scarification depth and uniformity are ensured by lateral wheels, for profiling the tunnel from the crown and along the side walls, down to the ground.

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TECHNICAL DATA		MP 500	MP 600	MP 800	MP 1000
Recommended excavator weight (1)	ton lbs	11 - 20 22000 - 44000	16 - 25 35000 - 55000	22 - 40 48500 - 88000	22 - 40 48500 - 88000
Milling width	mm inch	500 20	600 24	800 31	1000 40
Max. working depth	mm inch	100 4	100 4	100 4	100 4
Cutting force	kN lbf	21 4720	31 7000	43.8 9850	43.8 9850
Hydraulic motors	no.	1	1	2	2
Operating weight (2)	kg lbs	900* 1080*	1050* 2314*	2000 4400	2300 5060
Required oil flow	l/min gpm	90 - 180 24 - 48	120 - 200 32 - 53	200 - 300 53 - 80	200 - 300 53 - 80
Maximum oil pressure	BAR psi	350 5100	350 5100	350 5100	350 5100

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

(2) Without mounting bracket.

(*) Weight without support wheel and adjustable attachment.

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

MP 500 / MP 600

MP 800 / MP 1000

OPTIONALS:

1 - support wheel

2 - adjustable attachment

