

MP



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SIMEX
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CUTTER HEADS FOR PROFILING AND TUNNELLING

category

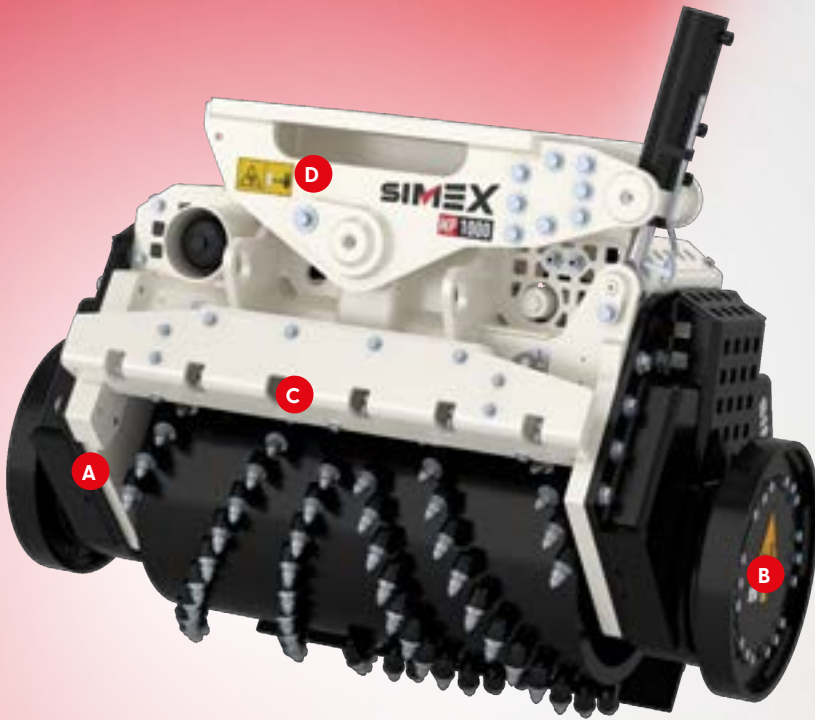
16 - 60 TON



Exc.

models

MP 600 | MP 800 | MP 1000
MP 1000HD

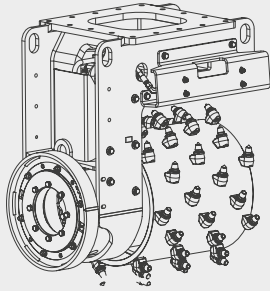


Simex MP cutter heads for profiling, designed for excavator mounting, guarantee **perfect precision finishing** in applications such as: resurfacing tunnel roofs, restoring deteriorated surfaces, profiling concrete embankments, and milling industrial floorings. Wheels or lateral slides allow milling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

Four models for 16 to 60-ton excavators specially designed for profiling horizontal, vertical, or sloped surfaces, or where constant milling depth is required.



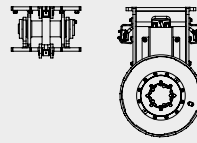
- A** Piston motors in direct drive with the drum.
- B** Work depth is controlled by lateral wheels for constant milling thickness. In the MP 1000HD model, depth adjustment is hydraulic.
- C** Nebulizer kits: for reducing dust emission in the tunnel (optional).
- D** The adjustable coupler allows perfectly following the profile of surfaces to be milled while working.



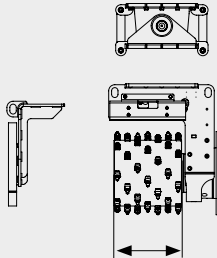
The MP 600 cutter heads for profiling, designed with 16 to 25-ton excavators in mind, can be fitted with just one support wheel.

MP 600 AVAILABLE OPTIONS:

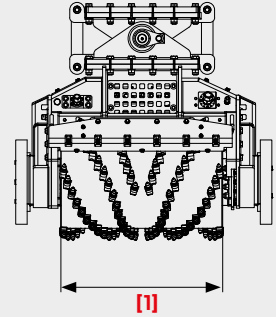
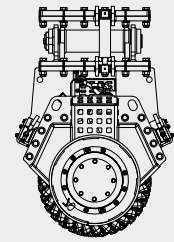
ADJUSTABLE COUPLER



SUPPORT WHEEL



MP 800 MP 1000 MP 1000 HD



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.



TECHNICAL DATA		MP 600	MP 800	MP 1000	MP 1000 HD
Recommended excavator weight (*)	ton	16 - 25	22 - 40	22 - 40	35 - 60
	lbs	35000 - 55000	48500 - 88000	48500 - 88000	70000 - 120000
Milling width [1]	mm	600	800	1000	1000
	inch	24	31	40	40
Max. working depth	mm	100	100	100	150
	inch	4	4	4	6
Cutting force	kN	31	43.8	43.8	65
	lbf	7000	9850	9850	14613
Hydraulic motors	no.	1	2	2	2
Adjustable coupler [2]		optional	standard	standard	standard
Operating weight (**)	kg	1050	2000	2000	4000
	lbs	2314	4400	4400	8818
Required oil flow	l/min	120 - 200	200 - 300	200 - 300	360 - 450
	gpm	32 - 53	53 - 80	53 - 80	95 - 118
Maximum oil pressure	bar	350	350	350	350
	psi	5100	5100	5100	5100

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