



Motorized shears MPS

MPS, MPSEB, MPSEC

Motorized shears of MPS series are from the rigid welded construction. The drive mechanism is provided by powerful electric motor with brake and swing beam. Shears are normally equipped by rubber sheet holder and manual back gauge in the range 5 -750 mm.

Table of shears is equipped by lateral guidance for complying with perpendicularity of the cut. There are also for disposal the extensions, abundant special equipment including motor back stops, slides and unloading pallet, which allows comfortable removal of cut material from the machine area.

For cutting of thin sheet metal, it is recommended to use the sheet catcher device that ensures holding of the material in the plane of the table to achieve good quality of shearing.

Shears are controlled by movable foot pedal with the immediate stop function. For suitable selection shears you can choose from special equipment.

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| MPS | • manual back gauge 5-750mm |
| MPS EB | • motorized back gauge 5-750mm, with manual fine adjustment to the position |
| MPS EC | • motorized back gauge 5-750mm, NC control system |

STANDARD EQUIPMENT:

- knives for mild steel with two cutting edge
- rubbered sheet holder
- basic table 650mm (page 13)
- removal sheared material behind of shears (page 14)
- mode of single or continual cuts
- stroke counter
- foot switch
- 3x400V, 5m power cable

SPECIAL EQUIPMENT:

- adjusting system for gap between knives (see page 11)
- extension for manual or motorized back gauge up to 1000mm
- mechanical or optical back safety system (page 11)
- hold-down pneumatic beam
- removal sheared material in front of shears (page 15)
- back slip (page 14)
- pneumatic sheet catcher for thin plates with back slip (page 14)
- squaring arm with scale and T-slot 1000mm or 1500mm (page 13)
- full table 650mm or 1000mm (page 13)
- full table with T-slot 650mm or 1000mm
- goniometer with scale (page 12)
- pair of knives for stainless steel with two cutting edge
- LED cutting line light
- removal palette 300kg, 1000kg (see page 14)
- customer colors

For MPS motorized shears we recommend:
Folding machines SLF or TSM

TECHNICAL PARAMETERS

Model	Shearing length mm	Max. sheet thickness steel 400N/mm ² mm	Max. sheet thickness stainless 600N/mm ² mm	Max. sheet thickness aluminium 275N/mm ² mm	Cuts number / min. -	Motor kW	Shearing angle °	Table width mm	Table height mm	Length mm	Width with backgauge mm	Height mm	Weight kg
12/40	1300	4,00	3,00*	5,00	35	4,0	2,40	400	800	1830	1815	1160	1280
15/35	1550	3,50	2,50*	4,75	35	4,0	2,00	400	800	2030	1815	1160	1330
20/30	2050	3,00	2,25*	4,50	35	4,0	2,00	400	800	2580	1815	1160	1450
25/25	2550	2,50	1,75*	4,00	35	4,0	1,75	400	800	3080	1815	1160	1650
30/20	3050	2,00	1,50*	3,00	35	4,0	1,50	400	800	3580	1815	1160	1850
40/15	4050	1,50	1,00*	2,00	-	4,0	1,30	400	800	4580	1815	1160	2320

* for stainless steel cutting is needed to order hardened tools for stainless



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