



Motorized shears MPSH

MPSH, MPSHEB, MPSHEC

MPSH type shears are designed for cutting sheets of metallic or non-metallic materials. Strong welded construction together with electric motor and swing beam ensure high capacity, speed and quality of cutting. Motorized shears of the MPSH type are reinforced version of the MPS shears, thus allowing it to cut thicker materials, and therefore they are equipped with a system for gap adjustment of the clearance between the blades, thus ensuring a high quality of shearing for different thicknesses of material.

System of two rotating caps located on the left and the right side is equipped with a gauge for the correct setting of the gap.

Machines are normally equipped with the manual back gauge with metering of position, blades consisting of two shearing edges, counter for numbering of cuts, and by rubbery retainer of sheet metal that prevents damage to the material during cutting process.

Control of shears is provided by movable foot pedal with immediate stop function.

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

STANDARD EQUIPMENT:

- easy adjusting system for gap between knives (see page 12)
- 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 continuous cuts
- stroke counter
- foot switch
- 3x400V, 5m power cable

SPECIAL EQUIPMENT:

- 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 MPSH motorized shears we recommend:
Folding machines TVM

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
12/45	1300	4,50	3,50*	5,50	35	5,5	2,40	400	820	1830	1815	1180	1340
15/40	1550	4,00	3,00*	5,50	35	5,5	2,20	400	820	2130	1815	1180	1450
20/40	2050	4,00	3,00*	5,50	35	5,5	2,00	400	820	2580	1815	1180	1520
25/40	2550	4,00	2,75*	5,50	35	5,5	1,75	400	820	3080	1815	1180	1810
30/30	3050	3,00	2,25*	4,50	35	5,5	1,50	400	820	3580	1815	1180	2050
40/20	4050	2,00	1,50*	3,00	35	5,5	1,50	400	820	4580	1815	1235	2650

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



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