



Motorized shears of MPS series are from the rigid welded construction. The drive mechanism is provided by powerful electric motor with brake. Shears are normally equipped by rubber sheet holder and manual back gauge in the range 0 -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 table to achieve good quality of shearing. Shears are controlled by movable foot pedal with the immediate stop function.

They are manufactured in three versions:

MPS - with manual back gauge

MPS-EB - with motorized back gauge with manual fine adjustment to the position

MPS-EC - with motorized back gauge with NC control

For suitable selection shears you can choose from special equipment.

#### Standard equipment:

- manual back gauge with measuring 0-750mm (see page 10)
- rubbered sheet holder
- back safety system (see page 11)
- cuts counter
- mode of single or continual cuts
- front support cooling arm
- extension arms to the table
- control pedal
- knives with two cutting edge
- removal sheared material from the rear side of shears

#### Special equipment:

- adjusting system for gap between knives (see page 11)
- manual back gauge up to 1000mm (see page 11)
- motorized back gauge EB 750mm or 1000mm (see page 10)
- motorized back gauge EC 750mm or 1000mm (see page 10)
- sheet catcher (see page 10)
- knives for stainless material cutting
- segments for full table creating with balls or brush (see page 10)
- LED cutting line light or shadow line lighting
- support with goniometer for angle cutting (see page 11)
- back slip (see page 11)
- palette for stacking 300kg, 1000kg (see page 12)
- removal sheared material from the front side of the shears

**We recommend:**

**Motorized folding machines SLF a TSM**

#### Technical parameters of motorized shears MPS, MPS EB, MPS EC

Model	Shearing length	Max. sheet thickness steel 400N/mm <sup>2</sup>	Max. sheet thickness stainless 600N/mm <sup>2</sup>	Max. sheet thickness aluminium 275N/mm <sup>2</sup>	Cuts number / min.	Motor	Shearing angle	Table width	Table height	Length	Width with backgauge	Height	Weight
	mm	mm	mm	mm	-	kW	°	mm	mm	mm	mm	mm	kg
<b>12/40</b>	1300	4,00	3,00	5,00	35	4,0	2,4	400	800	1830	1815	1160	1280
<b>15/35</b>	1580	3,50	2,50	4,75	35	4,0	2,0	400	800	2030	1815	1160	1330
<b>20/30</b>	2050	3,00	2,25	4,50	35	4,0	2,0	400	800	2580	1815	1160	1450
<b>25/25</b>	2550	2,50	1,75	4,00	35	4,0	1,75	400	800	3080	1815	1160	1650
<b>30/20</b>	3050	2,00	1,50	3,00	35	4,0	1,5	400	800	3580	1815	1160	1850
<b>40/15</b>	4050	1,50	1,00	2,00	-	4,0	1,3	400	800	4580	1815	1160	2320