



A uniquely designed folding machine, which combine the advantages of manual and motorized machines. The contact pressure is exerted by hand, through the eccentric piece, and the bending force is provided by an electric motor, thereby achieving a cost-optimal solution. The machines of this type may be equipped with manual or motorized back gauge, which streamlines the work on the machine.

For easier alignment the sheet before folding, the machine may be equipped with a locking foot pedal for the clamping

beam, which simplifies the work for the operator. For cutting thin sheet metal thickness up to 0,8mm, hand-operated rotary shears may be delivered.

These machines are suitable for piece production, which in comparison with manual machines they achieve higher efficiency.

They can be used in all industrial areas where one works with the material to 3,5mm thickness and 4m in length.

Standard equipment:	Special equipment:
<ul style="list-style-type: none"> - manual adjustment of one folding angle (type MA) - folding beam adjustment according material thickness - blade of the clamping beam 20° - blade of the folding beam 20mm - foot pedal (see page 18) - locking lever of clamping beam 	<ul style="list-style-type: none"> - tools by type of machine (see page 13) - potentiometer for adjustment angle PT1 (see page 17) - rotary shear up to material thickness 0,8mm - bed table - motorized back gauge MZDJ (see page 20) - manual back gauge MOD, MPD (see page 20) - manual front stop FSS, FSP (see page 20) - blades and segments on stainless steel - locking pedal of clamping beam - special blades and segments - marking segments with width in mm

We recommend:
Motorized shears
MLS

Technical parameters of semimotorized folding machines HYBRID LINE

Model	Working length	Max. sheet thickness steel 400N/mm ²	Max. sheet thickness stainless 600N/mm ²	Max. sheet thickness aluminium 275N/mm ²	Opening height	Motor of folding beam	Length	Width	Height	Weight
	mm	mm	mm *	mm	mm	kW	mm	mm	mm	kg
UNIM, UNIM S, UNIM 2S UNIM SH, UNIM 2SH UNIM 3S, UNIM 3SH	10/30	1020	3,00	2,00	5,00	1,1	1950	710	1280	860
	12/30	1270	3,00	2,00	5,00	1,1	2200	710	1280	970
	15/30	1520	3,00	2,00	5,00	1,1	2450	710	1280	1060
	20/25	2020	2,50	1,75	4,00	1,1	2950	710	1280	1380
	25/20	2520	2,00	1,25	3,00	1,1	3450	710	1280	1780
	30/15	3020	1,50	1,00	2,00	1,1	3950	710	1280	2200
	32/15	3220	1,50	1,00	2,00	1,1	4150	710	1280	2350
	40/10	4020	1,00	0,60	1,50	1,1	4950	710	1280	2600

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