



Folding machines type TVM, as to the capacity belong among the high-end midrange products with folding lengths up to 4m for applications in various fields of industry, construction and services. Pairs of trapezoidal screws provide for the drive of the massive clamping beam.

The folding beam, which is of welded construction chamber design, is equipped with a folding blade or segments with adjustable convexity (crowning system). The drive is provided by one or two motors (in the 4m length).

Adjustment of the folding beam to the desired thickness of the sheet is very easy and fast, with quick fixators. Wide range of tools, including the use of segments of all three beams (3SH-superflex), as well as the possibility of using the DUO system, which allows the use on one machine for the clamping beam the rail and SH segments, makes the machine highly flexible. Machine control is by a foot pedal, for four meters in length, two pedals are generally supplied. For the production of long parts, the use of motorized back gauge is preferred to, which simplifies the operation for the operator.

Standard equipment:	Special equipment:
<ul style="list-style-type: none"> <li>- blade of the clamping beam 30°</li> <li>- blade of the folding beam 25mm</li> <li>- manual crowning adjustment on the folding beam</li> <li>- manual adjustment of one folding angle (type MA)</li> <li>- foot pedal (see page 18)</li> </ul>	<ul style="list-style-type: none"> <li>- tools by type of machine (see page 15)</li> <li>- control system PT1, NC 1A, CNC 2A, CNC 3A, FF101 (see pages 17, 18, 19)</li> <li>- motorized adjustment of folding beam</li> <li>- motorized back gauge MZD (see page 21)</li> <li>- manual back gauge MOD, MPD (see page 20)</li> <li>- manual front stop FSS, FSP (see page 20)</li> <li>- blades and segments on stainless steel</li> <li>- special blades and segments</li> <li>- marking segments with width in mm</li> </ul>

**We recommend:**  
**Motorized shears**  
**MPS, MPSH**

## Technical parameters of motorized folding machines VARIO LINE

Model	Working 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>	Opening blade/segment	Motor of clamp./ folding beam	Length	Width	Height	Weight	
	mm	mm	mm *	mm	mm	kW	mm	mm	mm	kg	
TVM, TVM S TVM SH TVM DUO TVM 3SH	15/50	1520	5,00	3,00	6,00	200/90	1,10/4,0	2620	1150	1660	3350
	20/40	2020	4,00	2,50	5,00	200/90	1,10/4,0	3120	1150	1660	3900
	25/35	2520	3,50	2,20	4,75	200/90	1,10/4,0	3620	1150	1660	4500
	30/30	3020	3,00	2,00	4,50	200/90	1,10/4,0	4120	1150	1660	5200
	40/20	4020	2,00	1,20	3,00	200/90	1,10/4,0	5200	1150	1660	6600

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