

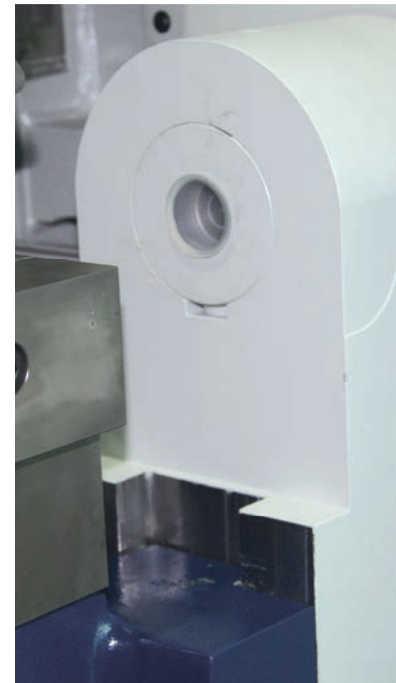
# Folding machine MAK 4

The MAK 4 can be described as a already for a long time well-established motorized folding machine at Schröder. With a maximal working length of 4000 mm and a maximum bending capacity of 6,0 mm steel sheet, the giant is designed for a hard and double shift day.



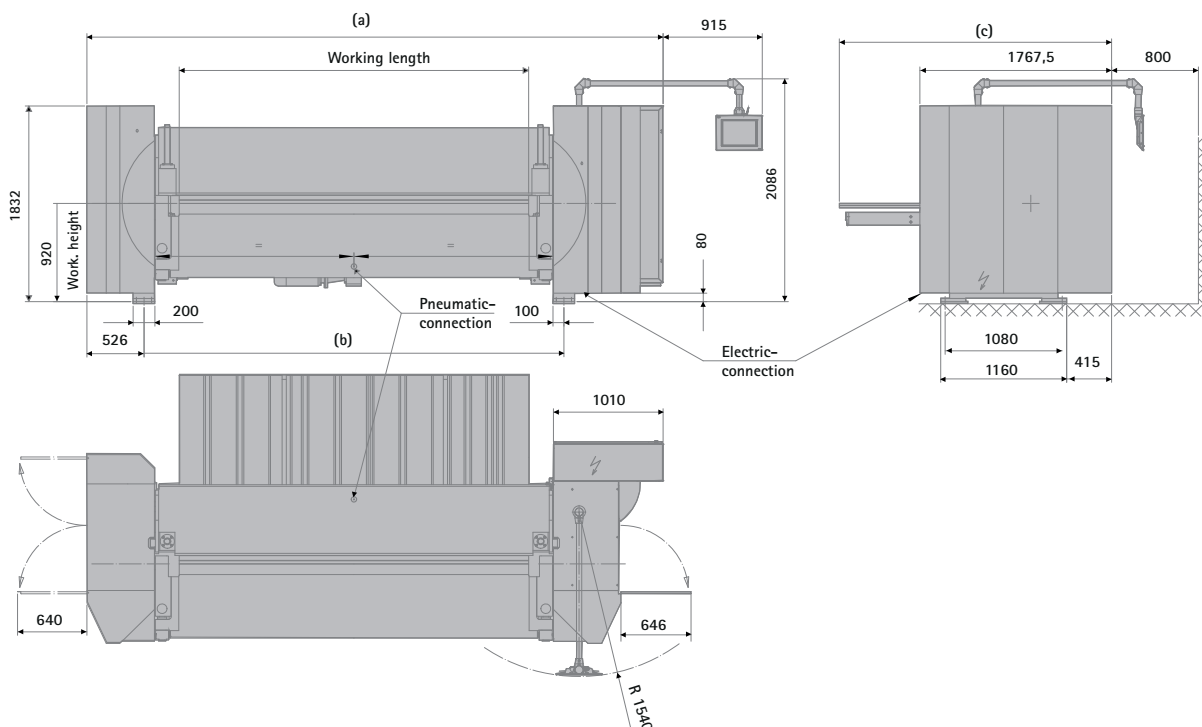
MAK 4

Work. length x Sheet thckn. (400 N/mm <sup>2</sup> )	3,220 x 6.0 mm	4,020 x 5.0 mm
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Folding beam lowering

## Dimensions: MAK 4





Standard equipment	
Software control	<ul style="list-style-type: none"> <li>– Graphic control POS 2000 Professional on swivelling arm with positioning gauge 10 - 1000 mm incl. sheet support table</li> <li>– Radius function</li> </ul>
Clamping beam	<ul style="list-style-type: none"> <li>– Clamping beam stroke: 400 mm (optionally 620 mm)</li> <li>– Sharp nose blade 30°, R 1.5, surface-treated (phosphated)</li> <li>– Clamping beam with recirculated ball screws</li> <li>– Hydraulic tool clamping device (WZS 2000)</li> </ul>
Folding beam	<ul style="list-style-type: none"> <li>– Folding blade 42 mm, divided, surface-hardened (nitrated)</li> <li>– Folding beam drive on both sides</li> <li>– Motorized folding beam adjustment, program-controlled</li> <li>– Motorized central crowning device (WZS 3000)</li> </ul>
Bottom beam	<ul style="list-style-type: none"> <li>– Bottom beam blade, one-piece</li> <li>– Motorized bottom beam adjustment, program-controlled</li> </ul>
Others	<ul style="list-style-type: none"> <li>– Piece counter, tool set, foot switch</li> <li>– Tools with material strength ca. 1100 N/mm<sup>2</sup></li> </ul>

Special equipment	
Software control	<ul style="list-style-type: none"> <li>– PC Version (external programming), 1st licence</li> <li>– POS 3000 3D Graphic control, DXF-Import and more processor capacity</li> <li>– Remote maintenance</li> </ul>
Table and back gauge	<ul style="list-style-type: none"> <li>– Sheet support table with balls 10 - 1000 mm</li> <li>– POS 2000 Professional with gauge 10 - 1500 mm and 2 gauge sectors with pneumatic lowering device</li> </ul>
	<ul style="list-style-type: none"> <li>– Back gauge extension to U-gauge (U-shape 3200 mm or 4000 mm)</li> <li>– Basis: POS 2000 Professional 10 - 1,000 mm</li> <li>– Several gauge sectors with pneumatic lowering device, angle gauge, balls in table</li> </ul>
Safety	<ul style="list-style-type: none"> <li>– Additional equipment for 2-man-operation control in accordance with accident prevention rules required</li> </ul>
Others	<ul style="list-style-type: none"> <li>– 2nd footswitch for operation from the rear</li> <li>– Foot switch on rail for lateral movement</li> <li>– For operation from the rear, access security in front via light barriers</li> <li>– Tool options see p. 30-31</li> </ul>

## Technical data

Technical data: MAK 4	3,200 × 6.0	4,000 × 5.0
Working length (a)	3,220 mm	4,020 mm
Sheet thickness (400 N/mm <sup>2</sup> )	6.0 mm	5.0 mm
Machine length (b)	5,310 mm	6,110 mm
Weight	8,880 kg	10,900 kg
Clamping beam		
Clamping beam stroke	400 mm (optionally 620 mm)	
Back gauge (c)		
1,000 mm	2,510 mm	2,510 mm
1,500 mm	2,600 mm	2,600 mm
U-3200	4,460 mm	4,460 mm
U-4000	5,320 mm	5,320 mm