

# Hydraulic folding machine in timeless design with user friendly software developed by HM Machinery



- Full tempered machine
- Schneider components
- Mitsubishi hydraulic
- Beijer 7" touch screen
- Pressure adjustment
- Segmented upper beam

- member of the strong SCANTOOL GROUP



The HM HBM Hydraulic folding machines are full tempered bending machines in a timeless design with soft curves and clean surfaces. The HBM range covers from 1500 - 4000mm in working length and up to 8mm thickness in mild steel.

HBM folders offer a range of great features for maximum bending flexibility. When bending a wide material the accuracy of the bend is key and the maintenance of the precision right across the width of the bend. When folding G-panels consistent quality and accuracy of the bend is vital to ensure a perfect fit of each panel.

HBM folders are available with or without motorized back gauge. Whether the HBM folder is supplied with or without motorized back gauge the machine is supplied with a 7-inch touchscreen from Beijer Electronics. The software is very user-friendly - logic and easy to use whether it is a single bend or a program. The software will accept 40 programs with up to 50 steps in each program.

The folding beam is driven by hydraulic driven gears and rack for better control and higher bend accuracy compared to the normal hydraulic drive systems. The HBM machines offer adjustment of the material thickness - so damage to the material surface is avoided. The material thickness is easily adjusted.

Bending Technology



All machines are CE marked and carry this mark.

All electronic components are quality components from German SCHNEIDER and well organized in the electrical cabinet. The electrical cabinet is built into the gable to make a nice clean surface on the machine.



The HBM folders offer adjustment of the hydraulic pressure to match the material thickness - so no damage to the material surface is avoided.



Adjustment of the material thickness on the bending bend is easy with a mm scale.



The handle for adjustment of the material thickness on the upper beam is nice hidden away in the gable - again to have nice clean surfaces and at the same time protect the handle.



Scan the QR code and see a video demonstration of the Sheet shearing machine.



## Cutting-Edge Technology



S models are with 600mm manual back gauge  
SM models are with 800mm motorized back gauge

Model	Working length	Sheet thickness ST37	Sheet thickness stainless steel	Max. opening	Bending angle	Motor	Measurement L-W-H	Weight
HBM 1500-25S / SM	1550 mm	2,5 mm	1,6 mm	100 mm	0-135°	2,25 kW	2700x1100x1750 mm	2100 kg
HBM 1500-35S / SM	1550 mm	3,5 mm	2,5 mm	100 mm	0-135°	3,60kW	2700x1100x1750 mm	2300 kg
HBM 1500-46S / SM	1550 mm	4,5 mm	3,0mm	100 mm	0-135°	3,60 kW	2700x1100x1750 mm	2600 kg
HBM 1500-65S / SM	1550 mm	6,5 mm	4,5 mm	100 mm	0-135°	5,50 kW	2700x1300x2600 mm	3100 kg
HBM 1500-80S / SM	1550 mm	8,0 mm	6,0 mm	100 mm	0-135°	7,50 kW	2700x1300x2600 mm	5100 kg
HBM 2000-25S / SM	2035 mm	2,5mm	1,6mm	100 mm	0-135°	2,25 kW	3000x1100x1750 mm	2600 kg
HBM 2000-35S / SM	2035 mm	3,5mm	2,5 mm	100 mm	0-135°	3,60 kW	3000x1100x1750 mm	2950 kg
HBM 2000-45S / SM	2035 mm	4,5 mm	3,0mm	100 mm	0-135°	5,50 kW	3300x1550x1900 mm	3700 kg
HBM 2000-65S / SM	2035 mm	6,5 mm	4,5 mm	100 mm	0-135°	7,50 kW	3300x1550x1900 mm	4200 kg
HBM 2000-80S / SM	2035 mm	8,0 mm	6,0 mm	100 mm	0-135°	7,50 kW	3300x1550x1900 mm	5900 kg
HBM 2500-25S / SM	2540 mm	2,5 mm	1,6 mm	100 mm	0-135°	2,20 kW	3850x1700x1800 mm	3900 kg
HBM 2500-35S / SM	2540 mm	3,5 mm	2,5 mm	100 mm	0-135°	3,60 kW	3850x1700x1860 mm	4400 kg
HBM 2500-45S / SM	2540 mm	4,5 mm	3,0 mm	100 mm	0-135°	5,50 kW	3900x1700x1900 mm	5600 kg
HBM 2500-65S / SM	2540 mm	6,5 mm	4,5 mm	100 mm	0-135°	7,50 kW	3900x1750x2050 mm	6700 kg
HBM 2500-80S / SM	2540 mm	8,0 mm	6,0 mm	100 mm	0-135°	9,30 kW	3900x1700x2050 mm	8600 kg
HBM 3100-25S / SM	3100 mm	2,5 mm	1,6 mm	100 mm	0-135°	3,60 kW	4300x1770x1890 mm	4500 kg
HBM 3100-35S / SM	3100 mm	3,5 mm	2,5 mm	100 mm	0-135°	3,60 kW	4300x1770x1890 mm	4750 kg
HBM 3100-45S / SM	3100 mm	4,5 mm	3,0 mm	100 mm	0-135°	5,50 kW	4500x1750x1950 mm	6000 kg
HBM 3100-65S / SM	3100 mm	6,5 mm	4,5 mm	100 mm	0-135°	7,50 kW	4500x1750x2050 mm	7600 kg
HBM 3100-80S / SM	3100 mm	8,0 mm	6,0mm	100 mm	0-135°	11,25 kW	4500x1750x2050 mm	10500 kg
HBM 4000-25S / SM-	4010 mm	2,5 mm	1,6 mm	100 mm	0-135°	3,60 kW	5600x1750x2050 mm	5500 kg
HBM 4000-35S / SM	4010 mm	3,5 mm	2,5 mm	100 mm	0-135°	3,60 kW	5600x1800x2050 mm	7000 kg
HBM 4000-45S / SM	4010 mm	4,5 mm	3,0 mm	100 mm	0-135°	5,50 kW	5600x1800x2100 mm	8500 kg
HBM 4000-65S / SM	4010 mm	6,5 mm	4,5 mm	100 mm	0-135°	7,50 kW	5600x1800x2100 mm	10000 kg





HM MACHINERY A/S is an independent company within the SCANTOOGROUP in Denmark specialized in machines for sheet metal.

SCANTOOL GROUP consists of 5 well-consolidated companies and 4 strong brands in HM MACHINERY, KEF-MOTOR, SCANTOOL and ARBOGA.

For further information about the wide range of products from HM MACHINERY please see our online catalogue on [www.scantool-group.com](http://www.scantool-group.com) or scan the QR code.



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