Hydraulic folder w/ manual back gauge

 # 00539231

Hydraulic w/ manual back gauge - HBM 4100-45S











The HBM Hydraulic Folding Machines are designed and manufactured with a **heavy-duty welded construction**, combining exceptional rigidity and durability with a clean, modern design and soft-radius edges.

The HBM range is available in working widths from **1,500 to 4,100 mm**, with capacities of up to **6,5 mm in mild steel**, providing a versatile solution for a wide range of sheet-metal applications.

A **15-inch full-colour touchscreen with 2D graphical representation** is standard on all models. The user-friendly control software enables fast and intuitive programming of both individual bends and complete bending sequences.

The standard control system can store up to **96 programs**, with each program containing up to **20 individual bending steps**. This makes the HBM particularly suitable for both simple production work and more complex, repetitive bending applications.

HBM folding machines are equipped with a comprehensive range of features designed to provide **maximum flexibility, high productivity and precise, repeatable bending results**.

When working with large sheets, maintaining consistent bending accuracy across the entire working width is essential. This is particularly important when producing **G-Panels**, where precise and consistent bends are required to ensure that every panel section fits together perfectly.

SCANTOOL GROUP Industrivej 3-9, 9460 Brovst +45 98 23 60 88 info@scantool-group.dk

The folding beam is driven by a **heavy-duty hydraulic rack-and-pinion system**, providing smooth and precise movement. This design offers excellent control and contributes to **high bending accuracy and repeatability** across the full working width.

Material thickness can be easily adjusted, while the **hydraulic clamping pressure can be precisely controlled**. This allows the operator to optimise the clamping force according to the material being processed and helps prevent marking or damage to softer or more sensitive sheet surfaces.

With its robust construction, precise hydraulic drive system, intuitive CNC control and flexible configuration options, the **HBM Hydraulic Folding Machine provides a reliable and highly accurate solution for professional sheet-metal processing**.

Product Link:

https://hmmachinery.dk/en/product/hydraulic-folder-w-manual-back-gauge

Product Specification

Capacity (mm)	4100 x 4,5
Sheet thickness steel (mm)	4,5
Sheet thickness stainless (mm)	3,0
Manual back gauge	1
Back gauge (mm)	600
Max. Opening (mm)	100
Bending angle	0-135°
Motor (kW)	7,5
Length (mm)	5600
Width (mm)	1800
Height (mm)	2100
Net weight (kg)	9100

Product Link:

https://hmmachinery.dk/en/product/hydraulic-folder-w-manual-back-gauge