

Variable rake guillotine shear

00750187

HBX-S Series - HBX 3100-60S

The **HM Machinery HBX-S Series** represents the next generation of hydraulic sheet shears — designed for professionals who demand uncompromising accuracy, durability, and ease of operation.

Built on a solid welded steel frame for maximum rigidity and minimal vibration, the HBX-S ensures clean, precise cuts every time, even under heavy workloads.

Each model in the series is equipped with a **CNC motorized back gauge (1000 mm)** for quick and accurate positioning, while the **CNC-controlled blade gap, CNC-controlled rake angle, and CNC-controlled cutting length (stroke)** allow the operator to fine-tune every parameter to match material thickness and cutting requirements perfectly.

The result is optimal cutting quality, reduced material distortion, and longer blade life.

At the heart of the HBX-S Series is the **CybeleC CybTouch 8 EasyCut** control system – a modern, intuitive touch-screen CNC interface that simplifies operation and setup.

The user-friendly design ensures fast programming, real-time feedback, and easy access to stored cutting programs, helping operators save time and boost productivity.

To ensure the highest level of reliability, the HBX-S Series is built using premium components, including **Schneider components** and a **Bosch Rexroth hydraulic system** – both globally recognized for their precision, safety, and long-term performance.

The HBX-S Series delivers consistent, high-quality results with every cut. It's the ideal choice for manufacturers seeking a dependable, high-performance shear that combines modern CNC technology with the trusted quality of **HM Machinery**.

Experience ultimate control, superior cutting consistency, and long-lasting performance - with the HBX-S Series.

Product Link:

<https://hmmachinery.dk/en/product/variable-rake-guillotine-shear-839>

Product Specification

| | |
|--------------------------------|---------------|
| Capacity (mm) | 3050 x 6,0 |
| Sheet thickness steel (mm) | 6,0 |
| Sheet thickness stainless (mm) | 3,0 |
| Cutting angle | 0,5° - 1,5° |
| Cutting/min. | 15 |
| Back gauge (mm) | 1000 |
| Motorised back gauge | 1 |
| Table height (mm) | 780 |
| Motor (kW) | 7,5 |
| Voltage | 3x400V - 50Hz |
| Tank capacity (L) | 225 |
| Length (mm) | 3800 |
| Width (mm) | 1600 |
| Height (mm) | 1850 |
| Net weight (kg) | 6600 |

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