CNC HGS
Hydraulic Swing Beam Shear
ERMAKSAN, known as one the top world wide manufacturer in sheet metal industry, proudly announces its latest shear model to the market, which we call it Hydraulic Swing Beam Shear “HGS”.

HGS is a perfect choice with its modern design, durable heavy body and precise cutting quality.

Long lasting and durable upper beam plays a major role in cutting. Automatic hydraulic blade gap adjustment provides precise cutting of different material types and thicknesses.

You will realize how great of a choice it was to go with ERMAK HGS Shear once you start using it.

High performance
investment friendly solutions;
Automatic blade gap adjustment system helps you to get perfect cuts from the first cut.
Squaring arm. Makes it easy to handle the work and feeds the material through the cutting area by providing more delicate and quicker cuttings.

Collapsible finger protection. (Switch protected) In order to control angled cuttings and drawn lines, the front part of protection can be pulled up by the operator.

**General features** (Cybtouch 6)

**User - friendly:**
- Wide, bright, colorful touch screen to program easily.
- Easy control pages.
- Complete part programming in seconds.
- Quick machine set up with EASYCUT page.
- Contextual help and warning pop-up.

**Improved features:**
- Auto shutdown function for energy saving.
- 10 different language selection.
- Working time.
- Wireless communication via PC/Laptop (optional).
- Backgauge auto-retraction programming.

**Better cuttings:**
- Automatic calculations of cutting functions upon material specifications.
- More cutting sequence and programming memory.
Solutions based on your needs;
HGS shears are designed to meet your fabricating needs when fast and flexible cuts are in demand.

Motorized back gauge system. 1000 mm long back gauge with 0.1 mm accuracy.

Rear sheet sliding plates. Cutting parts are carried out rapidly to the back side of shear.

SICK light barrier. Fast and secure protection at all time compatible with CE standards.

User-friendly color touch screen.

Foot pedal. Dual positioned pedal allows you to cut automatically.

Front finger protection. Finger protection that matches with international safety standards, presents a great visual working area to operator.
Solutions based on your needs

Standard Equipments
- Hardened blades.
  - Top blades: 2 sides
  - Bottom blades: 4 sides
- CYBELEC CYBTOUCH 6 controller.
- 1000 mm motorized backgauge system with 0.1 mm accuracy.
- 1000 mm side gauge and front support arms.
- Metric and inch rulers.
- Roller bearings on the front support arms to easy placing sheets.
- Front, side and back safety panels which are suitable for CE norms.
- Rear light curtains for safety.
- Sheet sliding system.
- SIEMENS electrical system.
- Hoerbiger hydraulic system.
- Automatic hydraulic blade gap adjustment.
- High pressurized silent pump.
- Holder springs.
- Moveable foot pedal.
- Emergency stop button.
- Shadow line.
- Collapsible finger protection.
- CE regulation and compliance certified.

Optional Equipment
- Front angle gauge.
- Side gauge and front support arms in optional lengths.
- Sheet support system for thin sheets.
  - 1- Pneumatic support system.
    - Lever type
  - 2- Pneumatic support system.
    - (Monoblock panel type)
- Hydraulic oil cooling and heating system.
- Optional solid table.
- Stainless steel blades.
- Ability to increase stroke per minute.
- Light curtain system for finger protection.
- Coolant system or heater can be placed in electric panel during ambient conditions.
- Double foot pedal.
- Optional alternative colors.
- Electrical panel or controller can be placed on right side of the machine.
- Laser cutting line.
- Possibility to produce special size and capacity models due to your manufacturing needs.

- Squaring arm. Makes it easy to handle the work and feeds the material through the cutting area by providing more delicate and quicker cuttings.
- Shadow line. (standard) Provides qualified and sensitive cutting by casting a line shadow at the cutting edge for right positioning of the worksheet to be cut.
- Light curtains for finger protection. (option) Designed to enable easy and quick material handling with high protection.
- Angle gauge. (option) This device provides accurate and easy material handling in the angled cuttings.
- Collapsible finger protection. (standard) In order to control angled cuttings and drawn lines front part of protection can be pulled up by operator. (Switch protected)
- Lever type pneumatic sheet support system (optional) Avoids hanging down the wide and thin sheets via pneumatic arms support and provides more precise cuts.
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- Lever type pneumatic sheet support system (optional) Avoids hanging down the wide and thin sheets via pneumatic arms support and provides more precise cuts.
- Monobloc type pneumatic sheet support system (optional) Avoids hanging down the wide and thin sheets via pneumatic table support and provides more precise cuts.
ERMAKSAN proven experience in the world since 1965 by using high-tech manufacturing technologies CNC HVR, HGD and HGS models are brought the sheet metal working market.

ERMAKSAN, improves its reliability every day by working with highly educated engineers and by using the latest technology in rapidly developing sheet metal industry. By using world standard steel, hydraulic systems and electronic products all your production needs provided.

Your needs are met with different options by fast, flexible and the most appropriate way.

For information on the other products, visit us at www.ermaksan.com.tr

### Technical Features

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<th>NUMBER OF HOLD DOWNS</th>
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Ermaksan reserves the right to make changes on technical specs without prior notice.