

SKU : 183303



TECHNICAL SPECS

WORKING AREA

Working length	3050 mm
Throat	150 mm
Cutting angle	0.5 deg - 2 deg
Strokes per minute	7 H/min - 12 H/min
Hold-down	16 positions
Hold-down capacity	25 t
Table size	3400 mm x 560 mm x 850 mm

BACK GAUGE

Rear stop	1000 mm
Feed speed X-axis	9000 mm/min

FRONT SUPPORT ARMS

Number of support arms	2 positions
Length of support arms	1000 mm

CUTTING CAPACITIES

Plate thickness (max.) - 450 N/mm ²	16 mm
Plate thickness(max.) - 700 N/mm ²	10 mm

DRIVE CAPACITY

Motor rating main drive	37 kW
Hydraulic tank volume	315 l

MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	4.15 m x 3.8 m x 2.5 m
Weight	18500 kg

PRODUCT DETAILS

These guided hydraulic plate shears with CNC-controlled back gauge, kerf and cutting angle combine high quality and reliability with a user-friendly design

Machine Frame

- The very rigid and heavy machine frame has been welded to tight tolerances and annealed
- The machine frame has been machined on a state-of-the-art 5-axis milling machine in one single setup to ensure more precise cuts and extended life
- All components subject to tensile loads have been carefully constructed and designed with large radii to permanently eliminate the risk of cracking
- The table features a bottom cutter mount and cutter bar and has been designed for minimal torsion and optimum load distribution
- All components were treated in a modern paint and drying system and feature two coats of paint, each coat with a minimum thickness of 60 micron

Material Support

- The large work table features roller balls and a rigid lateral angular stop for easy handling and safe plate alignment
- Long, sturdy support arms safely hold large plates

Hydraulics

- Polished pistons on both hydraulic cylinders feature superior 2 micron surface grades, ensuring a long seal life
- Cylinder bodies are forged from high-strength SAE 1040 material
- The entire hydraulic system is reliable, low-maintenance and easy to service
- During the cut, hydraulically regulated hold-downs ensure steady fixation of the sheet metal plate close to the cut-line

Back Gauge and Control

- Length, thickness, and strength of the plate material can easily be entered by the user into the programmable control unit, which then automatically will select the appropriate positions for kerf, cutting angle and cutting length
- The back gauge system is very robust and perfectly suited for rough production environments
- Linear guides and preloaded ball screws are mounted in a protective enclosure

Equipment

- Electric components made by renowned manufacturers ensure problem-free operation and high availability
- Upper and lower knives suitable for stainless steel
- The machine is operated via a foot pedal with emergency stop switch, and the pedal can be located wherever it is most convenient
- The upper knife features 2 cutting edges, the lower knife has 4 cutting edges
- Eco-friendly and energy-saving, guillotine shears of the KHT CNC series have an easily activated ECO mode

Safety

- Safety features are based on the latest CE regulations
- The rear-mounted light barrier system protects the work area

STANDARD EQUIPMENT

Cybelec Touch 8 G controller
Energy saving function ECO mode
CNC controlled blade gap adjustment
Motorischer Hinteranschlag
Schattenriss Schnittlinienanzeige
Materialauflagetisch mit Kugelrollen
Auflagearme
Seitenanschlag
Fußschalter mit Not-Aus-Schalter
Fingerschutz
Sicherheitssystem für Arbeitsbereich Hinteranschlag

Standard upper and lower knife for stainless steel sheets
Operator instructions