



# Guillotine Shears KHT V 3020 CNC

SKU : 183304



## TECHNICAL SPECS

### WORKING AREA

Working length	3050 mm
Throat	150 mm
Cutting angle	0.5 deg - 2 deg
Strokes per minute	5 H/min - 12 H/min
Hold-down	16 positions
Hold-down capacity	25 t
Table size	3450 mm x 580 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 <sup>2</sup>	20 mm
Plate thickness(max.) - 700 N/mm <sup>2</sup>	13 mm

### DRIVE CAPACITY

Motor rating main drive	45 kW
Hydraulic tank volume	400 l

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	4.15 m x 3.8 m x 2.7 m
Weight	21000 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