



KHT H 3010 CNC with optional accessories is shown

**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
- 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

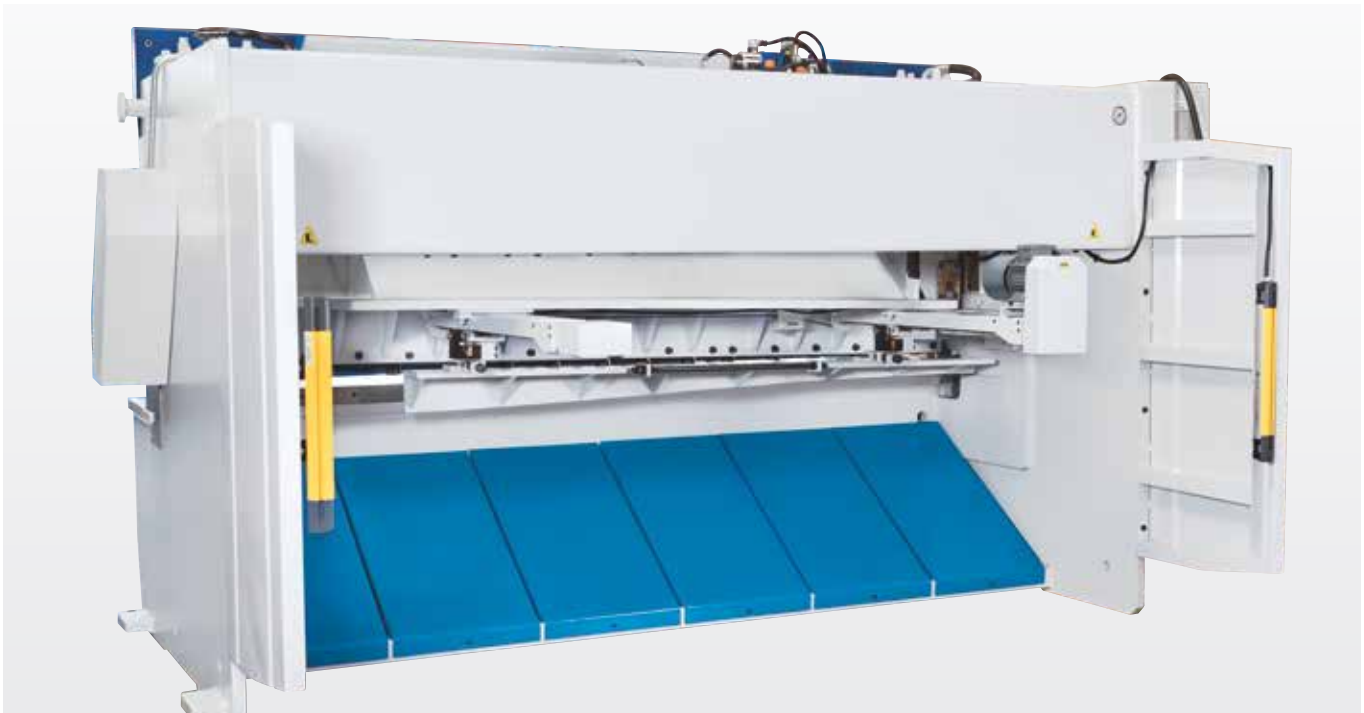
- The large work table features roller balls and a rigid lateral angular stop for easy handling and safe plate alignment
- Long, sturdy support arms safely hold large plates

### 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



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## 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

## Safety

- Safety concept based on the latest CE standards
- The rear-mounted light barrier system protects the work area

## Standard Equipment

Cybelec Touch 8 controller, CNC-controlled kerf adjustment, CNC-controlled cutting length adjustment, CNC controlled cutting angle adjustment, hand safety guard, cut-line lighting, material support table with rollers, motorized rear stop 39 inch, side stop with scale and T-slot plus tilt stop (L = 39 inch), 2 support arms, safety system for work area, back gauging, foot pedal with E-stop switch, standard upper and lower knives, operator manual

Specifications KHT H CNC		3006	3010	3013	3016	4006	4010	4013	4016
<b>Working Area</b>									
Plate thickness (max.)	in	0.24	0.39	0.51	0.63	0.24	0.39	0.51	0.63
Working length	in	121	121	121	121	161	161	161	161
Throat	in	6	6	6	6	6	6	6	6
Cutting angle	deg	0.3 - 2	0.3 - 2	0.3 - 2.3	0.3 - 2.5	0.3 - 2	0.3 - 2	0.3 - 2.3	0.3 - 2.5
Strokes per minute		20	19	19	14	17	18	16	13
Hold-down	positions	13	16	16	18	20	20	19	20
<b>Back Gauge</b>									
Rear stop	in	39	39	39	39	39	39	39	39
Feed speed X-axis	in/min	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
<b>Front Support Arms</b>									
Number of support arms	positions	3	3	3	3	4	4	4	4
Length of support arms	in	35	35	35	35	35	35	35	35
<b>Drive Capacity</b>									
Motor rating main drive	Hp	14.8	29.5	40.2	49.6	14.8	29.5	40.2	49.6
Hydraulic tank volume	gal	40	66	66	92	40	66	66	92
<b>Measures and Weights</b>									
Overall dimensions (length x width x height)	in	154x82 x77	155x84 x84	156x85 x89	158x87 x96	195x83 x82	196x86 x91	197x87 x94	197x89 x10 4
Weight	lbs	15,400	20,900	25,300	33,660	21,340	30,250	36,080	50,160
Part No.		183260	183261	183262	183263	183264	183265	183266	183267