

Swing-Beam Plate Shears



ProStar® PRSKHT3006-H NC



Hydraulic swing-beam plate shears with controlled rear stop

Machine Frame

- The machine frame is made of a high-precision, stress-relieved steel weldment
- The table features a bottom cutter mount and cutter bar, and has been designed for minimal torsion and optimum load distribution
- The kerf can be easily adjusted manually, and precisely centered
- 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

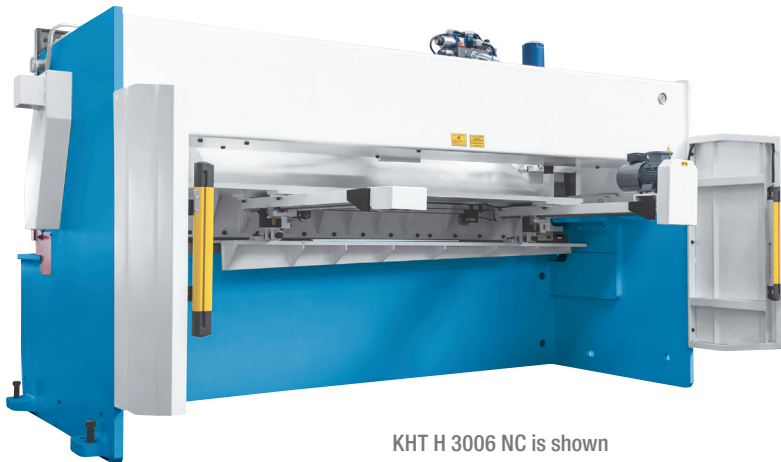
- Polished pistons on both hydraulic cylinders feature superior 2 micron surface grades, ensuring a long seal life
- Cylinder bodies are forged from high-strength, SAE 1040 material
- The entire hydraulic system is reliable, low maintenance and easy to service
- During the cut, hydraulically regulated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

Back Gauge Control

- The back gauge system is robust and perfectly suited for rough production environments
- Linear guides and preloaded ball screws are mounted in a protective enclosure
- The user-friendly NC positions the back gauge precisely for single cuts or for program runs

Plate Shears

Our productivity solutions help businesses worldwide improve quality and cut cost. Put Praxair to work for you.



KHT H 3006 NC is shown

STANDARD FEATURES

- Cut-line lighting
- BRL 401.2 NC-control unit
- Manual-blade gap adjustment
- Full-length finger guards cage
- Ball integrated front tables
- Footpedal with emergency stop
- Back safety system
- Support arms (L=1000 mm) 2 pcs.
- Squaring arm with scale & T-slot & Tilting stop (L= 1000 mm)
- Motorized rear stop
- 1000 mm, standard upper and lower tool
- Operator manual

Equipment

- Electric components made by top manufacturers ensure problem-free operation and high availability
- Upper and lower knife 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 features are based on the latest CE regulations
- The light barrier safety system on the rear side of the fully integrated machine housing secures the working area perfectly

SPECIFICATIONS	2506	3006	3010	3013	4006	4010
PLATE THICKNESS (MAX)	6 mm	6 mm	10 mm	13 mm	6 mm	10 mm
WORKING LENGTH	2.500 mm	3.000 mm	3.000 mm	3.000 mm	4.000 mm	4.000 mm
THROAT	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm
CUTTING ANGLE	1.2°	1.2°	1.2°	1.45°	1.2°	1.2°
STROKES PER MINUTE	15 H/min	15 H/min	13 H/min	13 H/min	12 H/min	8 H/min
HOLD-DOWN	10 pcs	13 pcs	16 pcs	16 pcs	20 pcs	20 pcs
HOLD-DOWN CAPACITY	12 t	16 t	20 t	138 t	25 t	25 t
TABLE SIZE	2.830 mm × 495 mm × 800 mm	3.330 mm × 495 mm × 800 mm	3.350 mm × 520 mm × 820 mm	3.360 mm × 550 mm × 830 mm	4.370 mm × 500 mm × 820 mm	4.380 mm × 530 mm × 820 mm
REAR STOP	1.000 mm	1.000 mm	1.000 mm	1.000 mm	1.000 mm	1.000 mm
FEED SPEED X-AXIS	100 mm/min	100 mm/min	100 mm/min	100 mm/min	100 mm/min	100 mm/min
NUMBER OF SUPPORT ARMS	3 pcs	3 pcs	3 pcs	3 pcs	4 pcs	4 pcs
LENGTH OF SUPPORT ARMS	1.000 mm	1.000 mm	1.000 mm	1.000 mm	1.000 mm	1.000 mm
MOTOR RATING MAIN DRIVE	11 kW	15 kW	22 kW	30 kW	15 kW	30 kW
HYDRAULIC TANK VOLUME	180 l	180 l	280 l	280 l	180 l	280 l
DIMENSIONS (L × W × H)	3.59 m × 2 m × 1.8 m	4.09 m × 2 m × 1.8 m	4.12 m × 2.05 m × 2 m	4.14 m × 2.1 m × 2.3 m	5.15 m × 2.05 m × 1.95 m	5.18 m × 2.1 m × 2.25 m
WEIGHT	5.900 kg	6.700 kg	8.600 kg	10.500 kg	9.000 kg	13.400 kg
PART NO.	183250	183251	183252	183253	183254	183255

Specifications subject to change without notice. Contact your Praxair productivity specialist for custom machining requirements.