

METALMASTER HG-2504E



Hydraulic Swing Beam Guillotine - Premium

2500 x 4mm Mild Steel Shearing Capacity



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Side



Pendant control unit



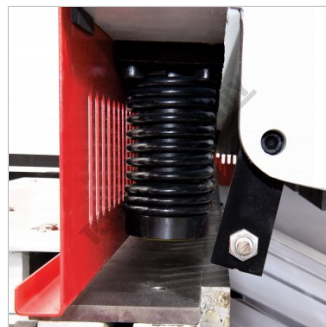
Estun E21S controller



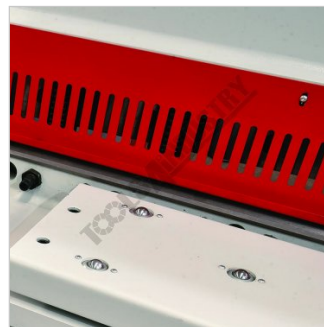
Mobile foot pedal



Rapid blade clearance adjustment



Hydraulic material hold downs



Ball transfer table



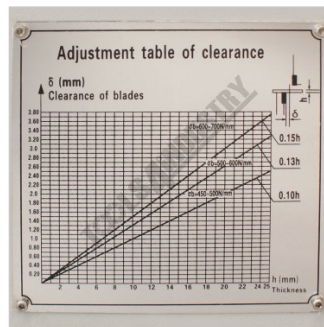
Squaring arm



Rear guarding with safety sensors



1000mm Powered ballscrew back gauge



Blade clearance chart



Optional ball transfer table extensions - Shown with different machine

Description

METALMASTER Quality Guillotines provide precision shearing capabilities, The Guillotine frames are constructed from rolled, stress relieved solid steel to prevent distortion during the shearing process under extreme continuous loads.

METALMASTER Guillotines are produced in a quality controlled production environment and therefore are able to be manufactured cost effectively, resulting in affordable pricing, representing value for money and a quicker return on investment.

The heavy duty swing beam design features a fixed rake blade specifically developed for shearing material from mild steel through to stainless steel. The blades are made from high tensile strength 6CrW2Si alloy tool steel and also provide high resistance to Impact, wear & corrosion.



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Features

- Estun E21S controller stores up to 40 unique programs with 25 automatic progressive cutting steps in each individual program, assuring production accuracy & repeatability every time
 - Hardened ballscrew backgauge system, simply enter the desired measurement into the Estun E21S controller and press go, the backgauge then will move quickly into the position you have requested. The superior hardened ballscrew system eliminates any backlash that leadscrew type machines produce
 - Rapid blade gap adjustment ensuring quick & accurate alteration of blade gap between material changes.
 - Automated hydraulic material clamping system designed with individual hold downs along the length of the machine, The individual hold downs are fitted with nylon inserts to protect the material from indentation when clamping.
 - Control unit mounted on swivel pendant arm enabling operator easy access, this is very useful when machine is loaded with full length of material.
 - Transfer balls inserted into work table allowing larger sheets to be easily positioned to the cut position and squaring arm.
 - Top shearing blade made from 6CrW2Si Tool steel and has two (2) cutting edges allowing blade rotation.
 - Bottom shearing blade made from 6CrW2Si Tool steel and has four (4) cutting edges allowing multiple blade rotations.
 - The entire steel plate structure of the main frame has been specially prepared to ensure maximum penetration during the welding process. In addition to this the cutting beam has been stress relieved eliminating any distortion after manufacturing.
 - Shadow line lighting has been incorporated into the machine frame providing a clear cutting line on the work piece and enabling scribed or marked material to be cut with simplicity as required.
 - A heavy duty squaring arm fitted with a graduated rule allows the operator to quickly cut the required size from the front of machine. The squaring arm also assists to align the material square to the cutting blades.
 - Sliding rear material chute so scrap material does not build up in the rear of the machine.
 - A safety system with photo electric rear guards are fitted to the rear steel side gates ensuring that the machine will be disabled if a person enters rear of machine when in use.
 - Mild steel capacity is rated on hot rolled material with 250MPA
- Pre-Commissioning:
1. Guillotine is run & tested prior delivery
 2. Hydraulic oil is included with machine

Includes

- Estun E21S Controller on swivel pendant for easy access
- Mobile foot pedal for "hands free operation"
- Single point rapid blade gap adjustment
- High quality 6CrW2Si blades suitable for cutting stainless steel
- Hardened ballscrew backgauge with 800mm travel
- Automatic backgauge retract function during cutting
- Swing away backgauge function for cutting long sheets
- Individual hydraulic clamp hold downs with nylon pads
- 130mm throat enables shearing of longer material than 2500mm
- LED Shadow line lighting
- Transfer balls on table
- Heavy duty support arms and squaring arm
- Stroke counter and short stroke adjustment
- Sliding material chute, easily allowing operator to retrieve cut pieces



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- Photo electric safety light beams on rear guarding
- Compliant with AS/NZS 4024.1 – 2019 Safety of Machinery Series

Specifications

ORDER CODE	S9341
MODEL	HG-2504E
Shearing Capacity - Mild Steel (mm)	4
Shearing Capacity - Stainless Steel (mm)	2.5
Shearing Length (mm)	2500
NC Backgauge Control (Type)	Estun E21S
Backgauge (Type)	Hardened Ballscrew
Backgauge Travel (mm)	800
Pneumatic Sheet Supports	~
Quick Action Blade Clearance Adjustment	Yes
Strokes / min (SPM)	22
Blade Angle (deg)	1° 30
Throat Depth (mm)	130
Motor Power (kW / hp)	4 / 5.5
Voltage / Amperage (V / amp)	415
Floor Space Requirements (L x W x H) (mm)	3300 x 3400 x 1800
Nett Weight (kg)	3450