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Product Brochure For S910GL

Hydraulic NC Pressbrake - PB-170B

176T x 4000mm - Includes Laser Safety Guarding
Estun NC-E21 Control 2-Axis with Ballscrew Backgauge & Table Crowning

Ex GST	Inc GST
$66,540.00	$76,521.00



ORDER CODE:	S910GL
MODEL:	PB-170B
Control Unit (Type):	Estun NC-E21
Nominal Pressure - Tonnage (Ton):	176
Nominal Pressure - Kilonewtons (kN):	1600
Length of Work Table (mm):	4000
Distance Between Columns (mm):	3200
Throat Depth (mm):	420
Maximum Open Height (mm):	470
Ram Stroke (mm):	200
Machine Axis (No.):	2
Safety Guarding System (Type):	Laser System
Backgauge Travel (mm):	550
Table Bed Crowning System (Type):	Mechanical Crowning System
Motor Power (kW / hp):	11 / 15
Motor Voltage (V):	415
Floor Space Requirements (L x W x H) (mm):	4700 x 2200 x 2900
Nett Weight (kg):	14100

METALMASTER

1 YEAR WARRANTY

NO PLUG 415V

Description

MetalMaster Quality Pressbrakes feature high durability, and provide precision bending capabilities. The Pressbrake main frames are constructed from rolled, stress relieved solid steel to prevent distortion during the bending process and under extreme continuous loads.

MetalMaster Pressbrakes are produced in a high volume production process and therefore are able to be manufactured cost effectively, resulting in an affordable price, representing value for money and quicker return on investment.

All electrical components are of European quality supplied by, Telemecanique, Merlin Gerin and ABB.

Features

- ESTUN E21 NC Controller
- Stores up to 40 programs with 25 bending steps per program
- Position control of Backgauge
- Backgauge retract function
- Bottom stroke dwell timer
- Work piece counting
- One-key backup / restore
- LCD Display

- LASER GUARDING -
- Laser guarding provides close proximity operator protection allowing faster bending cycles, promoting higher productivity
- The Laser system is compliant with requirements of EN61496-1, EN61496-2, ISO 13849-1 Ple, as well as AS/NZS 4024.1503
- Australian designed electrical system featuring dual channel monitoring on all essential machine functions
- Top beam speed & stopping performance are all real time monitored to ensure compliance with safety regulations

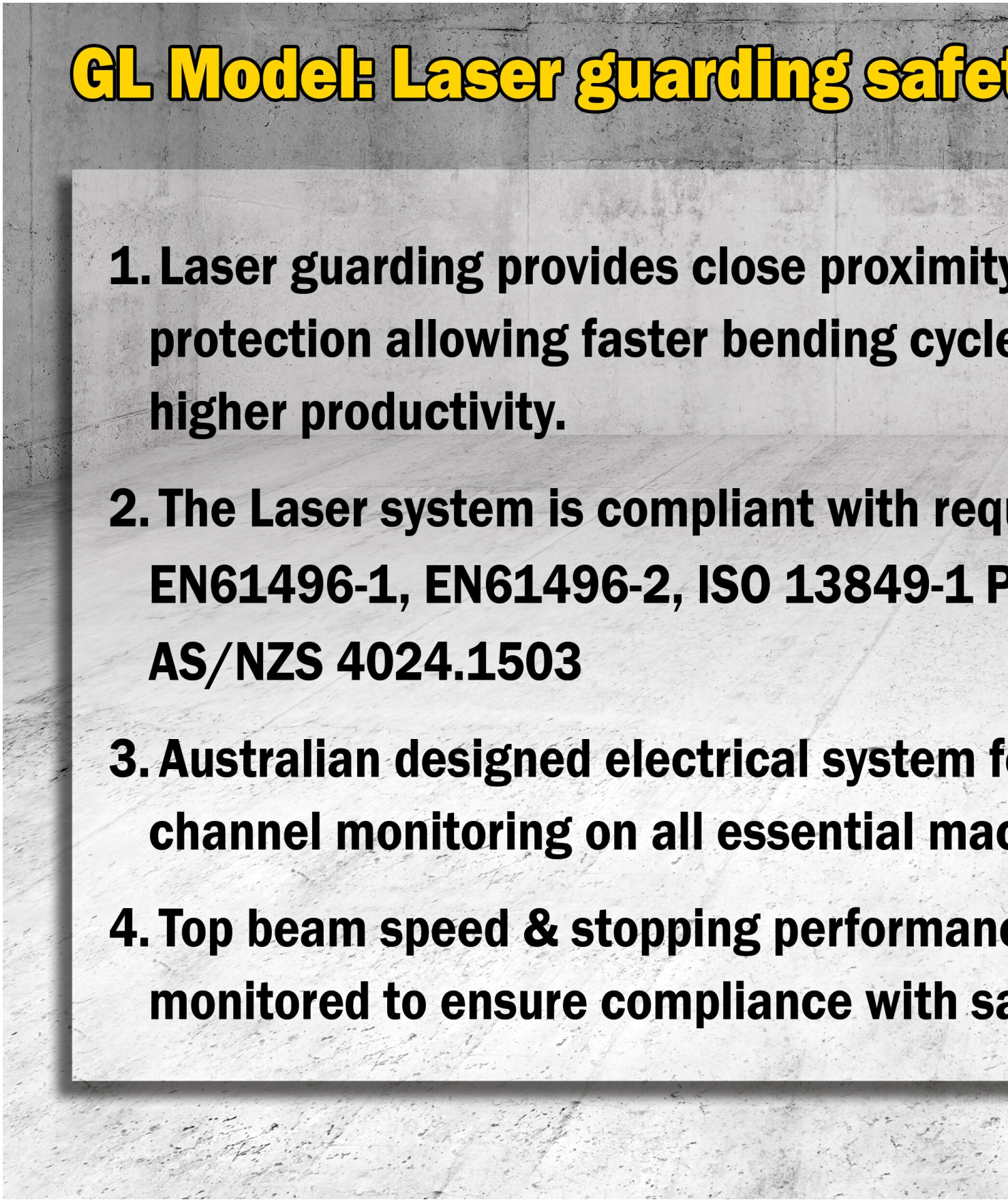
- METALMASTER Pressbrakes -
- Dual Hydraulic rams balanced by a heavy duty torsion bar, Electronically controlled by the E21 NC control assuring accuracy & repeatability.
- High performance side mount back gauge with linear guides & ballscrew provides fast and accurate positioning
- Segmented heavy duty 86° top punch
- European style punch holder with an adjustable wedge clamping system for crowning
- Multi vee ('V') bottom die is made from one solid 4000mm die block design to handle heavy plate, safety edge vee ('V') is incorporated in bottom die block.
- Sliding steel fabricated sheet supports enabling a wide range of material sizes to be aligned and supported at the correct required height.

This feature is achieved with a "T" slot machined down the total length of the die bed, sheet supports are also adjustable vertically to assist in supporting material with return bends already folded.
- Metal safety guarding surrounding the machine with rear sliding door fitted with micro switch ensuring operator safety.
- Hydraulic pressure gauge with quick adjust pressure control & over pressure protection allows the operator to accurately set the pressure required for different material thickness.
- The vertical supporting slides are treated to provide greater wear resistance and increased accuracy.
- Reinforced side frames providing addition support strength to machine throat
- Includes laser guarding system
- Mild steel capacity is rated on hot rolled material with 250MPA

- Pre-Commissioning:
- 1. Pressbrake is run & tested prior delivery
- 2. Hydraulic oil is included with machine

Includes

- ESTUN NC- E21 control mounted on a swivel pendant for optimal ergonomics
- LED superior bright work lights provides clearer view to workpiece
- Sliding front sheet support arms
- Manual bed crowning system
- Mobile dual operation foot control
- 86 Degree Top Punch with Segments (4x800, 1x365, 1x200, 1x100, 1x50, 1x40, 1x20, 1x15, 1x10)
- Top tooling tool intermediate holder system with wedge type adjustment
- Multi V bottom die block 130 x 130mm with a range of V's between 8mm~100mm
- Premium side mount linear way ballscrew backgauge with 550mm travel
- Metal constructed safety guarding surrounding machine


GL Model: Laser guarding safe
1. Laser guarding provides close proximity
protection allowing faster bending cycle
higher productivity.
2. The Laser system is compliant with req
EN61496-1, EN61496-2, ISO 13849-1 P
AS/NZS 4024.1503
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Specific Features


Enclosed Rear Safety Guarding

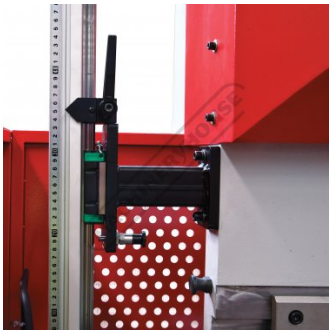

NC Estun E21 Controller



NC Estun E21


Right Laser

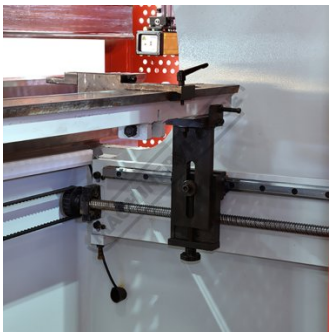

Left Laser

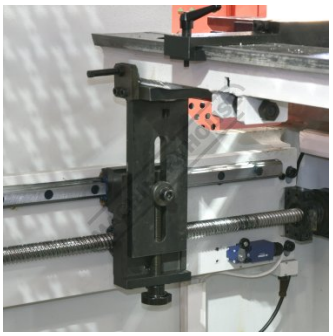

Laser Alignment Guide


Adjustable Travel Limit Control


Laser Guarding system In Use


Sheet Supports

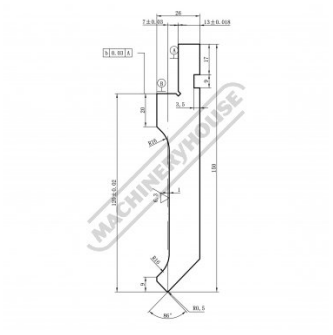

LM Guide Ballscrew Backgauge

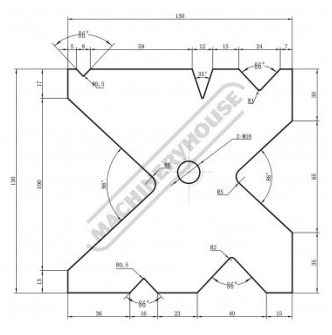

LM Guide Ballscrew Backgauge


Intermediate Clamps


Adjustable Top Tool Taper Wedge System


Top and Bottom Tooling


Segmented Top Punch


One Piece 4 Sided Die

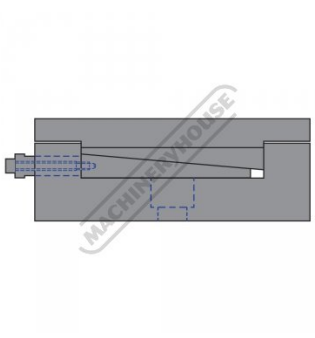
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Table Crowning Adjustment via Bolts


Table Crowning Adjustment Bolts

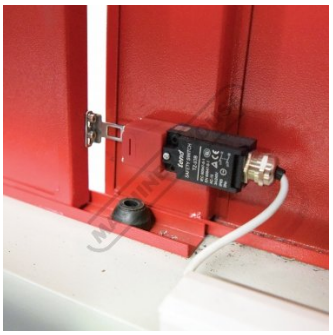

Table Bed Crowning


Torsion Bar


Mobile Foot Control

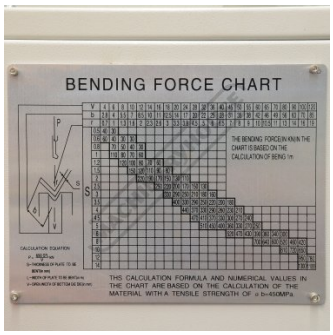


Mobile Control Panel


Rear Doors Safety Micro Switch



Adjustable Pressure Gauge



Bending Force Chart

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Recommended Accessories

S988

Quick Action Intermediate Clamps



S991

86º Top Punch Pressbrake Tooling



S991S

86º Top Punch Pressbrake Tooling - Segmented



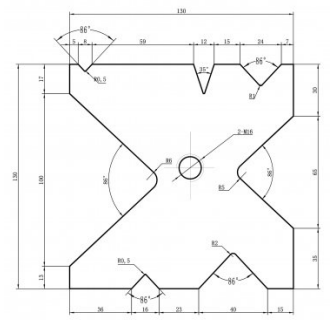
S991F

86º Top Punch Pressbrake Tooling



S994A

130mm Die Block Pressbrake Tooling



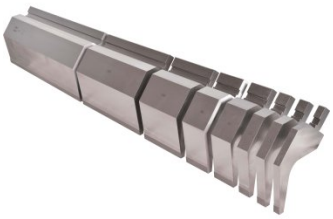
S9920

86º Top Punch Gooseneck Pressbrake Tooling



S9920S

86º Top Punch Gooseneck Pressbrake Tooling - Segmented



S990

35º Top Punch Pressbrake Tooling



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S990S
35º Top Punch Pressbrake Tooling - Segmented



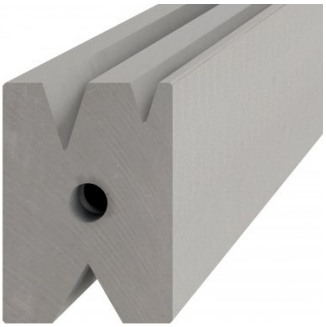
S990F
35º Top Punch Pressbrake Tooling



S997
15º Top Punch Pressbrake Tooling



S997A
60mm Die Block Pressbrake Tooling



S997B
60mm Die Rail Pressbrake Tooling



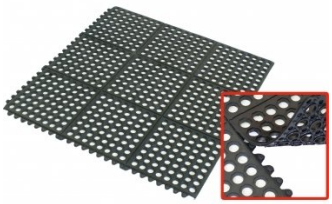
Q201
Universal Bevel Protractor



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

