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Product Brochure For S970GL

Hydraulic NC Pressbrake - PB-40B

44T x 2000mm -
Includes Laser Safety Guarding with Ballscrew Backgauge

Ex GST	Inc GST
$27,390.00	$31,498.50

ORDER CODE:	S970G
MODEL:	PB-40B
Control Unit (Type):	Estun NC-E21
Nominal Pressure - Tonnage (Ton):	44
Nominal Pressure - Kilonewtons (kN):	400
Length of Work Table (mm):	2000
Distance Between Columns (mm):	1615
Throat Depth (mm):	200
Maximum Open Height (mm):	330
Ram Stroke (mm):	100
Machine Axis (No.):	2
Safety Guarding System (Type):	Laser System
Backgauge Travel (mm):	520
Table Bed Crowning System (Type):	~
Motor Power (kW / hp):	4 / 5.3
Motor Voltage (V):	415
Floor Space Requirements (L x W x H) (mm):	2700 x 1800 x 2400
Nett Weight (kg):	3800

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.
- Back gauge with linear guides & ballscrew provides fast and accurate positioning
- Segmented heavy duty 35° top punch
- European style punch holder with an adjustable wedge clamping system for crowning
- Multi vee ('V') bottom die is made from one solid 2000mm 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.

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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
- Mobile dual operation foot control
- 35 Degree Top Punch with Segments (3x500, 1x200, 2x100, 1x50, 1x40, 1x10)
- Top tooling tool intermediate holder system with wedge type adjustment
- Multi V bottom die block 75 x 75mm with a range of V's between 4mm~40mm
- Ballscrew backgauge with 520mm travel
- Metal constructed safety guarding surrounding machine

Specific Features

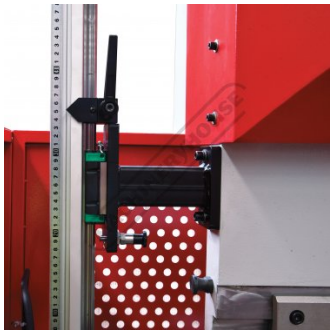
Enclosed Rear Safety Guarding

NC Estun E21 Controller

NC Estun E21

Left Laser

Right Laser


Laser Alignment Guide

Adjustable Travel Limit Control

Laser Guarding system In Use

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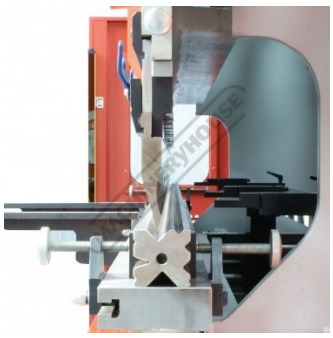
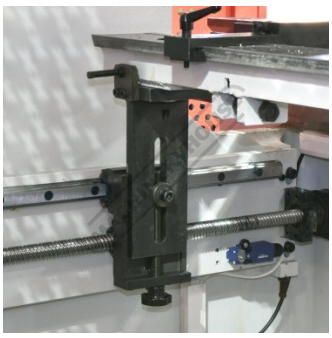
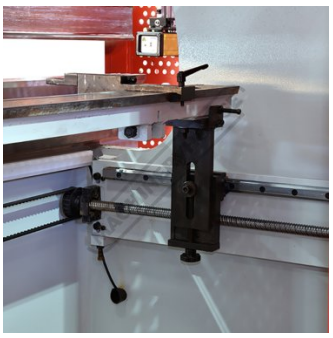
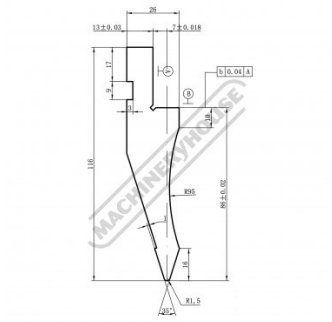
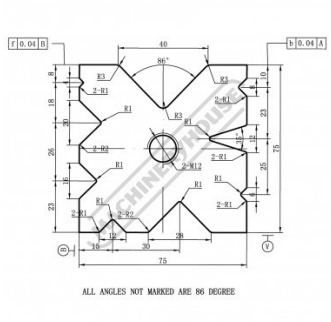

Top and Bottom Tooling


LM Guide Ballscrew Backgauge

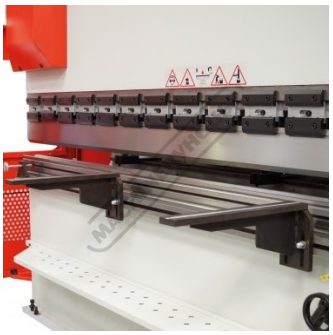

LM Guide Ballscrew Backgauge

Intermediate Clamps


Segmented Top Punch



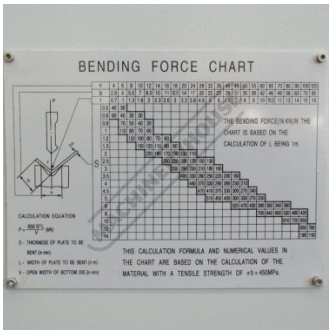
One Piece 4 Sided Die


Adjustable and Sliding Front Sheet Supports

Mobile Foot Control

Adjustable Pressure Gauge

Heavy Duty Torsion Bar



Tonnage Calculation Chart

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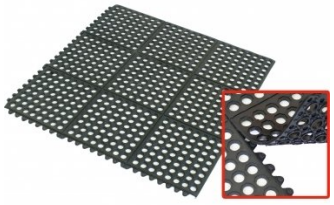
Recommended Accessories

S989
35º Top Punch Pressbrake Tooling

S989S
35º Top Punch Pressbrake Tooling - Segmented

Q201
Universal Bevel Protractor

M800
Rubber Mat - Anti-Fatigue

M805
Rubber Mat - Anti-Fatigue