

Product Brochure For K063

## Hydraulic Panbrake & Guillotine Package Deal - PB-830A & HG-2504C

Panbrake: 2500 x 4mm - Guillotine: 2500 x 4mm Mild Steel Capacities



|                                |                            |
|--------------------------------|----------------------------|
| ORDER CODE:                    | K063                       |
| MODEL:                         | PB-830A & HG-2504C Package |
| Controller Type:               | NC-89 & Single Program     |
| Bending Length (mm):           | 2500                       |
| Mild Steel Capacity (mm):      | 4                          |
| Stainless Steel Capacity (mm): | 2                          |
| Material Clamping Type:        | Hydraulic Clamp            |
| Material Bending Type:         | Hydraulic Bend             |
| Bending Angle Indicator (deg): | 0-125°                     |
| Backgauge Travel (mm):         | 1000                       |
| Motor (kW / hp):               | 5.5 / 7.5                  |
| Voltage / Amperage (V / amp):  | 415                        |
| Floor Space (L x W x H) (mm):  | ~                          |
| Nett Weight (kg):              | 5826                       |



### Description

**PANBRAKE PB-830A - Hydraulic NC Panbrake:**  
 2500mm x 4mm bending capacity  
 NC-89 digital single angle programmable control for angles from 0-125°  
 Auto cycle: after clamping bottom beam will bend to pre-set angle and return, head unclamps to set position  
 Quick action rapid head adjustment to optimise bend radius on 1-4mm material thickness  
 Heavy duty steel fabricated construction  
 Roving foot pedal incorporates control panel for maximum flexibility  
 High quality components ensure reliable performance for years of continuous operation  
 NC-89 controlled opening height adjustment  
 NC-89 controlled dwell timer ensures consistent bending angle  
 Extended fingers allows bending of pans or boxes to a depth of 205mm  
 Includes an adjustable rear manual backgauge, also adjustable for tapered material  
 Mild steel capacity is rated on hot rolled material with 250MPA

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

**GUILLOTINE HG-2504C - Hydraulic Swing Beam Guillotine:**  
 2500mm x 4mm cutting capacity  
 5.5kW / 7.5hp 415V motor  
 Estun E21S Controller  
 Mobile foot pedal for "hands free operation"  
 Single point rapid blade gap adjustment  
 High quality blades suitable for cutting stainless steel  
 Programmable 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  
 LED Shadow line lighting  
 Transfer balls on table  
 Support arms and squaring arm  
 Stroke counter and short stroke adjustment  
 Sliding material chute, easily allowing operator to retrieve cut pieces  
 Safety light curtains on rear guarding

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Compliant AS/NZS 4024.1 – 2019 Safety of Machinery Series

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 tool steel and also provide high resistance to Impact, wear & corrosion.

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  
 Programmable backgauge system, simply enter the desired measurement into the Estun E21S controller or the program and press go, the backgauge then will move quickly into the position you have requested.

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.

Transfer balls inserted into work table allowing larger sheets to be easily positioned to the cut position and squaring arm.

Top shearing blade has two (2) cutting edges allowing blade rotation.

Bottom shearing blade 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.

### Specific Features



PANBRAKE PB 830A



Roving Foot Pedal



NC 89 Control Panel



Rapid Blade Adjustment for Material Thickness



Removable Fingers



Apron Safety Guards



Shown with Material Clamp Beam Open



Manual Backgauge

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Side View



Rear View



Shown with Optional Ball Transfer Tables



GUILLOTINE HG 2504C



Foot Control



Flip Over Stop on Sheet Support



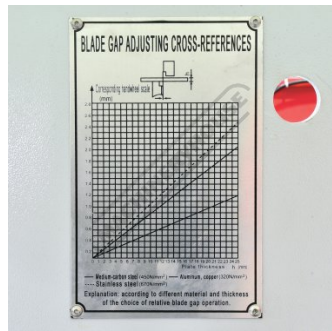
Material Transfer Balls On The Table



Backgauge System



Blade Clearance Adjustment Lever



Blade Gap Adjustment Diagram



Rear Guard Reset Button



Light Sensor Guarding System



Rear View

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### Recommended Accessories

M977

Digital Bevel Box

