

Morgan Rushworth HSV 4100/20 CNC Hydraulic Variable Rake Guillotine Shear

Stock Code: M1031



The Morgan Rushworth HSV CNC range of variable rake guillotines are heavy duty, strong machines designed for a long working life. The CNC controller automatically calculates and adjusts the blade gap, the backgauge position, cutting angle and stroke length simultaneously once the data is entered. Therefore the strokes per minute cutting cycle is significantly increased. The cutting angle automatically adjusts according to material thickness minimising the twisting of sheet during the cutting cycle.



Features

- CybeleC DNC 60 CNC controlling blade gap, backgauge, stroke and cutting angle
- 1000mm swing away backgauge
- One-piece honed and chrome plated double acting powerful cylinders
- High quality top and bottom blades: 4 top: 2 cutting sides
- Bosch - Rexroth hydraulic system
- High pressurised silent Atos pump
- Powerful material holdowns to prevent sheet sliding during cutting action
- Support table with roller bearings
- Front support arms with ruler and flip-stop
- Foot pedal available for single or continuous cutting
- Cutting line illumination
- Rear guard with photo-cell



Technical Specification

| MODEL | HSV 4100/20 CNC |
|---|-----------------|
| Cutting length mm | 4100 |
| Cutting capacity (45kg/mm ²) | 20 |
| Cutting capacity (70 kg/mm ²) | 13 |
| Cutting angle | 0.5 - 2.5° |
| Strokes per minute | 6 - 11 |
| No of holdowns | 18 |
| Pressure ton | 67 |
| Main motor kW | 37 |
| Backgauge motor kW | 1.1 |
| Backgauge travel mm | 1000 |
| Oil capacity Ltr | 500 |
| Blade gap adjustment mm | 0.05 - 2.3 |
| Backgauge speed mm/sec | 110 |
| No of sheet support arms | 3 |
| Table length mm | 4800 |
| Throat depth mm | 350 |
| Machine width mm | 2700 |
| Table height mm | 1000 |
| Transport width mm | 2355 |
| Length mm | 6220 |
| Width mm | 3270 |
| Height mm | 2850 |
| Weight kg | 31000 |

Options

- laser cutting line to enable the operator to shear angled or drawn cutlines
- Angle gauge
- Pneumatic sheet support system
- 500mm throat depth
- Extended front squaring arm
- Front light curtain
- Stainless steel cutting blades