

## Morgan Rushworth HSV 4100/13 CNC Hydraulic Variable Rake Guillotine Shear

**Stock Code:** M1029



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

- Cybelelec 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 4100/13 CNC
Cutting length mm	4100
Cutting capacity (45kg/mm <sup>2</sup> )	13
Cutting capacity (70 kg/mm <sup>2</sup> )	8
Cutting angle	0.5 - 2°
Strokes per minute	9 - 15
No of holdowns	18
Pressure ton	40
Main motor kW	22
Backgauge motor kW	1.1
Backgauge travel mm	1000
Oil capacity Ltr	310
Blade gap adjustment mm	0.05 - 1.5
Backgauge speed mm/sec	110
No of sheet support arms	3
Table length mm	4680
Throat depth mm	350
Machine width mm	2700
Table height mm	1000
Transport width mm	2325
Length mm	6120
Width mm	3240
Height mm	2650
Weight kg	20000

## 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