Morgan Rushworth HSV 3100/20 CNC Hydraulic Variable Rake Guillotine Shear

Stock Code: M1026

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 ignificantly increased. The cutting angle automatically adjusts according to material thickness minimising the twisting of sheet during teh 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 cyclinders
- 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 3100/20 CNC
Cutting length mm	3100
Cutting capacity (45kg/mm$^{2)}$	20
Cutting capacity (70 kg/mm^2)	13
Cutting angle	0.5 - 2.5º
Strokes per minute	7 - 13
No of holdowns	14
Pressure ton	54
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	3800
Table length mm	3760
Throat depth mm	350
Machine width mm	2700
Table height mm	900
Transport width mm	2355
Length mm	5220
Width mm	3240
Height mm	2500
Weight kg	20700

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