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MORGAN RUSHWORTH HSVS CNC 3100.13 HYDRAULIC VARIABLE RAKE GUILLOTINE

The HSVS range of variable rake CNC guillotines are heavy duty, strong machines designed for a long working life. The CNC controller automatically calculates and adjusts the blade gap, the back gauge 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.

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FEATURES

- Cybelec CybTouch 8 CNC controlling blade gap, back gauge, stroke and cutting angle
- Adjustable stroke length to reduce stroke time when cutting narrower widths
- Digital stroke counter
- 1000mm powered ball screw backgauge with swing away feature for longer cutting lengths
- Back gauge retract feature
- High quality stainless grade top and bottom blades
- Top blade with 2 cutting edges and bottom blade with 4 cutting edges
- Cutting line illumination
- Front finger guards with windows
- Side throat guards
- Powerful material hold down system to prevent sheet sliding during cutting action
- Support table with roller bearings
- 1000mm Front squaring arm with measuring scale, tee slot and flip stop
- 1000mm Front support arms
- Foot pedal for single or continuous cutting cycles
- Photo cell rear guards

OPTIONS

- Pneumatic rear sheet support system (requires compressor)
- Anti-twist device
- Hydraulic automatic swing away back gauge in lieu of standard manual
- Angle gauge
- Tee slots and flip stops on front support arms
- 1 metre lift up finger guard with interlock switch
- Front CE light guards in lieu of standard fixed front guards

TECHNICAL INFORMATION

MODEL		HSVS CNC 3100.13
Cutting Length	mm	3100
Cutting Capacity (45 Kg/mm²)	mm	13
Cutting Capacity (70 Kg/mm²)	mm	8
Cutting Angle	Deg	0.5-2.5
Stroke Per Minute		9-14
No. of Hold Downs		15
Pressure	kg/mm²	260
Main Motor	kW	30
Backgauge Motor	kW	0.37
Nominal Power (excluding options)	kW	31
Backgauge Travel	mm	1000
Oil Capacity	lt	360
No.Of Sheet Support Arms		2
Table Length	mm	3520
Throat Depth	mm	350
Table Height	mm	800
Transport Widthâ€‹â€‹	mm	1920
Length	mm	3950
Width	mm	3385
Height	mm	2300
Weight	kg	13000

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OTHER IMAGES

Optional 1 metre swing up front guard

Optional angle gauge pictured