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# MORGAN RUSHWORTH HSVS CNC 6100.6 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 fixed back gauge
- 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 6100.6 |
|---|---|---|
| Cutting Length | mm | 6070 |
| Cutting Capacity (45 Kg/mm²) | mm | 6 |
| Cutting Capacity (70 Kg/mm²) | mm | 4 |
| Cutting Angle | Deg | 0.5-2.0 |
| Stroke Per Minute | | 12-18 |
| No. of Hold Downs | | 30 |
| Pressure | kg/mm² | 260 |
| Main Motor | kW | 18.5 |
| Backgauge Motor | kW | 0.55 |
| Nominal Power (excluding options) | kW | 20 |
| Backgauge Travel | mm | 1000 |
| Oil Capacity | lt | 360 |
| No.Of Sheet Support Arms | | 4 |
| Table Length | mm | 6460 |
| Throat Depth | mm | 350 |
| Table Height | mm | 1000 |
| Transport Width | mm | 2200 |
| Length | mm | 6890 |
| Width | mm | 4130 |
| Height | mm | 2690 |
| Weight | kg | 22000 |

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## OTHER IMAGES

Optional 1 metre swing up front guard

Optional angle gauge pictured