



NEW TECHNOLOGY

HHC: Series High Speed, Servo Motor Driven Cutting Machines

Up to 300* Strokes / minute



Shown with optional In - Line Laminator

Clean Room Rated

Applications:

HHC machines are suitable for die cutting a wide range of narrow web materials such as, RFID and General labels, Electronic components, LCD films, Medical components, Automotive components, Multi Layered applications and many Converting and Finishing applications

Features & Benefits:

- ❖ A revolutionary new, "patent applied for", technology uses a Servo Motor to drive the Cutting Head. This mechanism offers another dimension for die cutting applications by replacing the traditional mechanical, or hydraulic, stroke actions with a low noise, low vibration, device that can operate in all regular die cutting environments, and also offers FS 209D Class 1000 Clean Room capabilities.
- ❖ Excellent repeat accuracy of stroke, in conjunction with servo motor controlled positive stops, ensures extended cutting pad life and also allows the alternative of "kiss cutting" against a hardened and ground steel plate for the production of accurate, perfect edge, part requirements
- ❖ CCD (Charge Coupled Device) Camera imaging system, provides optical positional registration capabilities in both the X and Y axis within $\pm .1$ mm (0.004")
- ❖ Rigid Steel Mainframe construction provides a solid and vibration free platform to support the precision machined cutting platens.
- ❖ Integrated Die Clamping devices are provided to enable quick and simple die changes. These clamps are suitable for use with many types of tooling, including regular dies, steel rule dies, etched dies and male female tools. Typical changeover time is less than 5 minutes per job.

OPTIONAL EQUIPMENT:

We can offer a complete range of Unwind/ Rewind modules, along with in line Laminators and Guillotine modules to generate a tailor made system to suit your particular requirements

Specifications:

* Typical Productivity: 85,000 to 90,000 cuts / 8 hours with 10 mm cutting stroke and 50 mm feed ; without CCD alignment

Cutting Force	11 US Tons
Platen size	350 mm x 350 mm, or 13 $\frac{3}{4}$ " square
Maximum Open Daylight	150 mm, or 5.9"
Minimum Daylight	105 mm, or 4.13"
Stroke , fully adjustable: up to	45 mm, or 1.77"
Up Stroke Speed	125 mm/ sec, or 4.9" / sec.
Down Stroke Speed	125 mm/ sec, or 4.9" / sec.
Power requirements	7 Kw or 9.4 HP
Dimensions (w x d x h)	1660 mm x 1860 mm 2100 mm , or 65 $\frac{1}{2}$ "x 73 $\frac{1}{4}$ " x 82 $\frac{3}{4}$ "
Gross Weight	2500 Kg, or 5,500 lbs

The company reserves the right to supply products that may differ slightly from those described, in this publication.



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