

# HIGH SPEED HYDRAULIC CUTTING MACHINE

## RANGE OF APPLICATION

Label sticker, electronic foam, rubber foam, name plate, insulation foam, automotive foam, rubber, medical rubber, felt, floor tiles, stationery plastic cover, packing, gasket, P.P file, plastic film such as LCD, PC, P.P, PET, PVC, etc.

## ADVANTAGES

- Strong construction, heavy duty weldments on chassis of machine
- Low shock, noise and impact level on cutting of material
- Low consumption of electricity on optimum and efficient design of hydraulic system
- Simplified and user friendly machine for achieving high productivity
- High precision central adjusted 4 post mechanical stops together with cutting on HRC 60° hardened & ground steel plate can achieve perfect kiss cutting result and through cutting without edge burrs of different kind of plastic film
- Servo motor position system of roll feed machine to achieve high speed and precision feeding of material, position accuracy of  $\pm 0.2$  mm, feeding speed of 1.5 meter/sec.
- Safety guard for safe operation of machine
- High operation speed of roll feed machine to achieve 100 cuts per minute for 10 mm cutting stroke, 20 mm feeding distance



## OPTIONS:

1. Roll type material auto cutting system, including:
  - Inboard & outboard pinch roll feeder
  - Manual 4 post mechanical stops
  - Cutting on steel plate for both kiss cutting and through cutting
  - Cutparts rewinding stand with tension control
  - Servo motor position system
2. Automatic sliding table (single side or double side) for sheet type material
3. Ball screw driven incremental table, accuracy  $\pm 0.1$  mm for sheet type material
4. In line laminating device, hot sealing device and guillotine device
5. Scrap rewinding stand
6. One axis optical fiber sensor, cut to registration for printed material
7. Three axes die bolster auto tracking device for cut to print accuracy  $\pm 0.1$  mm
8. Custom built system to suit your specific requirements

## SPECIFICATIONS

MODEL	HSC-12	HSC-25	HSC-30	HSC-40
CAPACITY PER 8 HOURS	20,000 TO 40,000 CUTS	20,000 TO 40,000 CUTS	20,000 TO 40,000 CUTS	20,000 TO 40,000 CUTS
CUTTING FORCE	12 tons	25 tons	30 tons	40 tons
OPEN DAYLIGHT	155-25 mm	155-25 mm	155-25 mm	155-25 mm
DOWN SPEED	54 mm/sec	56 mm/sec	56 mm/sec	54 mm/sec
UP SPEED	118 mm/sec	110 mm/sec	107 mm/sec	104 mm/sec
CUTTING HEAD	350 x 350 mm	500 x 500 mm 650 x 650 mm	500 x 500 mm 650 x 650 mm	500 x 500 mm 650 x 650 mm
MOTOR	3 HP	3 HP	5 HP	5 HP
DIMENSION(mm) (MACHINE ONLY)	1480W x 500D x 2040H	1600W x 500D x 2040H 1600W x 650D x 2040H	1600W x 500D x 2040H 1600W x 650D x 2040H	1600W x 500D x 2040H 1600W x 650D x 2040H
NET WEIGHT (MACHINE ONLY)	1740 kg	2200 kg	2350 kg	2500 kg



*The Cutting Force*

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# High Speed Hydraulic Cutting Machine



**MODEL  
USA HS 1212-12**



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