

HIGH SPEED

Die Cutting Machines



RELIABLE, SAFE, & EFFICIENT

HIGH SPEED

Applications:

The HSC series of die cutting machines are designed to cut a wide variety of sheet or roll materials including label sticker, electronic foam, rubber & foam components, name plates, insulation, automotive parts, medical items, felt, floor tiles, stationery plastic covers, packaging materials, gaskets, P.P files, plastic films such as LCD/P.P/ PET/PVC, and more.

Features & Benefits:

- ▶ Rugged construction with heavy duty welding of machine frame.
- ▶ Smooth low-impact cutting reduces the noise level to minimum.
- ▶ Low electrical consumption with efficient optimized hydraulic design.
- ▶ Ergonomic machine design offers simple operator controls to yield increased productivity.
- ▶ Four-post simultaneously adjustable mechanical stops ensure repeatable point of closure.
- ▶ HRC 60° hardened & ground steel cutting plate provides excellent kiss-cut and through-cut parts without edge burs.
- ▶ Servo-controlled motor positioning guarantees precise feed accuracies at high speed (positional accuracy of +/-0.004" at feeding speeds up to 60" per second feeding distance).
- ▶ On average 20,000 - 40,000 cuts per eight (8) hour shift.

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

Model	HSC-13	HSC-27	HSC-33	HSC-44
Cutting Force	13 US Tons	27 US Tons	33 US Tons	44 US Tons
Max. Open Daylight	6.1"			
Min. Open Daylight	0.98"			
Down Stroke Speed	2.25" / Sec.	2.2" / Sec.	2.25" / Sec.	
Up Stroke Speed	4.64" / Sec.	4.33" / Sec.	4.2" / Sec.	4.1" / Sec.
Platen Size	13.8" x 13.8"	19.6" x 19.6" or 25.6" x 25.6"		
Pump Motor	3 HP	5 HP	7.5HP	
Net weight	3,828 lbs	4,840 lbs	5,170 lbs	5,500lbs
Dimensions (w, d, h)	58.3" x 20" x 80"	63" x 20" (25.6") x 80"	58.3" x 20" x 73"	

Options:

- ▶ Automatic sliding cable (single or doubled-sided) for sheet materials featuring a recirculating ball screw driven incremental table with accuracy of +0.004"
- ▶ Nip roll feed mechanism (inboard and/or outboard) to feed roll goods
- ▶ Scrap rewind stand
- ▶ Single-axis fiber-optic sensor for cutting preprinted materials
- ▶ Three-axis die bolster auto-tracking for cutting print quality accuracy of +/-0.004"
- ▶ User-friendly LCD touch-screen controls and memory for up to 300 cutting programs offering quick and easy setup and operation

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