

The ideal die cutter for labels, greeting cards, tags, envelopes, coasters, place mats, candy wrappings, and 3-knife trimming of booklets and leaflets. Will die cut materials such as paper, cardboard, rubber, plastic, foil, cork and fiberboard.

THE CONSOLIDATED HI-DIE machine

The most productive die cutter for a wide range of products and materials up to 12 million labels an hour, up to 150,000 beer coasters an hour, up to twelve stacks of 7" high product per minute. A real producer.

WITH EACH MACHINE, WE GIVE YOU
A DIE SERVICE AT GREAT SAVINGS.



The HI-DIE Machine, a complete die cutting department operated by one person, producing as much as five times more in comparison to any other label type die cutter.

The Consolidated HI-DIE delivery system allows 50 inches (127cm) of die cut material to go thru perfectly stacked, non-stop. At the end position, a safety switch tells operator to remove and pack completed die cut material.



The HI-DIE operating panel with every safety control and feature for automatic and manual operation, conveniently located for ease of operation. A batch counter and emergency stop button, as well as a machine keylock is included.



The Consolidated HI-DIE is powered by a 12 & 15 ton hydraulic system with pressure controls as well as higher velocity speeds up to 30 cycles per minute. Cutting quality is improved and ensures trouble-free and powerful operation.



The Consolidated HI-DIE has an unique patented centering mechanism that places the hydraulic pressure, guides and cylinders in the center of the die position, assuring uniform clean die cutting. Set ups are fast. The die is clamped by five adjustable holding arms which can be positioned to accommodate the most complicated shapes.



The Consolidated HI-DIE machine uses horizontal motion drive feed to delivery. Material is firmly held in a "V" shaped tray. Gravity keeps the material in perfect alignment with the die.

Adv
Menu
machine
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CONSOLIDATED HI DIE CUTTER SPECIFICATIONS

	MODEL 250	MODEL 400		MODEL 250	MODEL 400
Maximum die cutting size:	250x250mm 10"x10"	400x400mm 16½"x16½"	Cycles per minute:	up to 20	up to 15
Minimum die cutting size:	50x50mm 2"x2"	130x180mm 5"x7"	Practical running speeds:	8-12 cycles/ Per Min.	6-8 cycles/ Per Min.
Trimming margin:	0 to 3mm 0 to 1/8"	0 to 5mm 0 to 5/32"	Maximum pressure:	10.5 metric ton 12 U.S. ton	12.5 metric ton 14 U.S. ton
Height of material:	180mm 7"	180mm 7"	Total power required:	6.5 KW	10 KW
Cycle time:	3 seconds	4 seconds	Total weight:	1,300 Kg 2,860 Lbs.	1,800 Kg 3,960 Lbs.

From the camera to the finished product for quality reproduction—
finest sheet and web printing, automated binding, more productive die cutters,
faster folder gluers and window machines. Consolidated has it all.



Lineup &

Precision
Color Enlargers



TECHNICAL DATA

# Maximum size of die-cut	250 x 250 mm. (9.84"x9.84")
# Minimum size of die-cut	10 x 10 mm. (.393" x .393")
# Width of waste	1 to 3 mm. (.039" to .118")
# Maximum length of paper to die-cut	180 mm. (7.086")
# Height of dies	between 50 & 70 mm. (1.97"-2.76")
# Yield, strokes per minute	12c/min.
# Required power	11 KW.
# Capacity of hydraulic tank	140 liters
# Viscosity of hydraulic oil	3.3° E.
# Normal working pressure	150 K/cm ² .
# Maximum force of die-cut	11000 Kp.
# Recommended oil changes	1000 hours of operation or once a year