

Accuform® IMD LD Series LINEAR DRIVE

The LD Series AccuForm® machine from Hy-Tech is the top of the line model. This series **offers semi automatic operation combined with the industry's largest format size** (610mm x 406mm). The LD Series also offers state of the art user interface and process controls insuring the tightest possible control of both process and operator input.

1. Reliability

The LD Series machines are manufactured with the highest quality components available. All high pressure high wear components are engineered specifically for use in the LD Series. The industry's first linear drive table system offers accuracy, smooth operation and long life.

2. Repeatability

All AccuForm® machines including the LD Series offer superior registration and repeatability from part to part and lot to lot. The industry leading repeatability is made possible by Hy-Tech's unique patented process and system controls.

3. Flexibility

The LD Series offers the industry's first 610 x 406 sheet size. This format size allows customers to produce parts previously not possible while maintaining the ability to form sheets with high cavitations.

4. FITS® (Film Insert Technology Solution)

All Hy-Tech machine customers can enjoy the security and peace of mind that comes with a FITS package. The FITS program insures that all aspects of your IML project will function together in a high yield, high throughput, robust process. It just FITS every time.



LD Series

MODEL	LD 24	
Measurement Type	Imperial	Metric
FORMAT		
Maximum Sheet Size	24" x 18"	610 x 457
Forming Area Size (max)	23" x 17"	584 x 432

MACHINE SPECIFICATIONS		
Machine Dimensions	110" x 68" x 75"	2794 x 1727 x 1905
Machine Weight	5500 lb	2500 kg
Form Height	.100" - 1.38"	2.54 x 35
Forming Pressure	500 psi	35 Bar
Forming Temperature	200 - 400° F	95 - 204° C
Cycle Time	10 - 20s	
Operating Noise Level	60 dB	

MACHINE FEATURES		
PC based PLC w/ Touch Screen Interface	Yes	
Remote Diagnostics	Yes	
Linear Drive Table	Yes	
Heated Table Control	Yes	
Vacuum Assist System	Yes	
No Force Table Activation Switches	Yes	
Light Safety Curtains	Yes	
Door Safety Switches	Yes	
Side Tables	Yes	

MACHINE WARRANTY		
Parts	360 Days	
Labor	90 Days	

REQUIRED SERVICE		
ELECTRICITY	380 - 440 V, 3 Ph, 15 kW 30 - 40 Amp Service	
SHOP AIR	100 - 140 PSI 25 CFM	6.89 - 9.65 Bar .70 CMM
HIGH PRESSURE AIR*	475 - 500 PSI 15 CFM	32 - 34 Bar .42 CMM
COOLING WATER	3 - 10 Gal/Min 68 - 86°F	12 - 30 L/Min 20 - 30°C

NOTE: If high pressure is present in the area use appropriate regulator to step down to 500 psi (34 Bar).



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