

# Accuform® IMD IL Series IN-LINE

The IL series AccuForm® machines from Hy-Tech combine **entry level pricing with industry leading capabilities**. The IL series machines are ideal for lean manufacturing production cells where form, trim and mold are done in line. The small footprint allows the IL series machines to be placed right next to injection molding machines. In many cases a single operator can form and trim within the mold cycle.

## 1. Reliability

The IL Series machines are manufactured with the highest quality components available. All high pressure, high wear components are engineered specifically for use in the IL series. The fixed tool and table means fewer moving parts.

## 2. Repeatability

All AccuForm® machines including the IL 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 IL Series offers ultimate flexibility. The 15-second cycle time makes it ideal for high volume, low mix production. High mix, low volume manufacturers will appreciate 10-minute tool changes. The open frame design of the IL Series allows for multiple aftermarket automation options.

## 4. FITS® (Film Insert Technology Solution)

All Hy-Tech machine customers can enjoy the security and piece 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.



## IL Series

MODEL	IL 50		IL 75	
Measurement Type	Imperial	Metric	Imperial	Metric
<b>FORMAT</b>				
Maximum Sheet Size	12" x 12"	305 x 305	16" x 16"	406 x 406
Forming Area Size (max)	11" x 11"	279 x 279	15" x 15"	381 x 381
<b>MACHINE SPECIFICATIONS</b>				
Machine Dimensions	41.5" x 36" x 94"	1054 x 914 x 2388	50.6" x 45" x 114"	1285 x 1143 x 2896
Machine Weight	5500 lb		9000 lb	
Form Height	.100" - 1.96"	2.54 x 50	.100" - 1.38"	2.54 x 35
Forming Pressure	500 psi	35 Bar	500 psi	35 Bar
Forming Temperature	200 - 400° F	95 - 204° C	200 - 400° F	95 - 204° C
Cycle Time	10 - 20s		10 - 20s	
Operating Noise Level	60 dB		60 dB	
<b>MACHINE FEATURES</b>				
PC based PLC w/ Touch Screen Interface	Yes		Yes	
Remote Diagnostics	Yes		Yes	
Linear Drive Table	No		No	
Heated Table Control	No		No	
Vacuum Assist System	No		No	
No Force Table Activation Switches	Yes		Yes	
Light Safety Curtains	Yes		Yes	
Door Safety Switches	No		No	
Side Tables	No		No	
<b>MACHINE WARRANTY</b>				
Parts	360 Days		360 Days	
Labor	90 Days		90 Days	
<b>REQUIRED SERVICE</b>				
<b>ELECTRICITY</b>	380 - 440 V, 3 Ph, 15 kW 20 - 25 Amp Service		380 - 440 V, 3 Ph, 20 kW 25 - 30 Amp Service	
<b>SHOP AIR</b>	100 - 140 PSI 7.5 CFM	6.89 - 9.65 Bar .25 CMM	100 - 140 PSI 15 CFM	6.89 - 9.65 Bar .42 CMM
<b>HIGH PRESSURE AIR*</b>	475 - 500 PSI 15 CFM	32 - 34 Bar .42 CMM	475 - 500 PSI 15 CFM	32 - 34 Bar .42 CMM
<b>COOLING WATER</b>	3 - 10 Gal/Min 68 - 86°F	12 - 30 L/Min 20 - 30°C	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).