



# Helm-Pak Survey

Helm Instrument Co., Inc.  
361 W. Dussel Dr.  
Maumee, OH 43537  
419.893.4356 fax 419.893.1371  
PressControls@helminstrument.com

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Company		Phone:
Address:		Fax:
City:		Contact:
State:	Zip:	Email:
Rep.:		Company:

### Press Data:

Manufacturer:		Model:	
Serial Number:		Year of Manufacture:	
SPM:	Tonnage:	English <input type="checkbox"/>	Metric <input type="checkbox"/>
Type: OBI/Gap <input type="checkbox"/>	Straight Side <input type="checkbox"/>	Single Action <input type="checkbox"/>	Double Action <input type="checkbox"/>

### Enclosure Requirements:

Supply on back plate only.  Utilize Existing Enclosure

New Cabinet Style Enclosure:  New Console Style Enclosure



### Power Requirements:

Incoming Power Supply Voltage: 240 VAC <input type="checkbox"/> 460 VAC <input type="checkbox"/> Other <input type="checkbox"/> Specify:			
Desired Control Voltage: 120 VAC <input type="checkbox"/> 24 VDC <input type="checkbox"/> Other <input type="checkbox"/> Specify:			
Hertz: 50 HZ <input type="checkbox"/> 60 HZ <input type="checkbox"/> Other <input type="checkbox"/> Specify:			
Existing Main Disconnect Amps:		Volts:	
Replace? Yes <input type="checkbox"/> No <input type="checkbox"/>	IEC <input type="checkbox"/>	NEMA <input type="checkbox"/>	

### PLC Preference:

AB SLC 1746	<input type="checkbox"/>
AB MicroLogix 1500	<input type="checkbox"/>
AB CompactLogix	<input type="checkbox"/>



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### Motors:

Function	Horsepower	Volts	FLA	Hertz	Replace Controller?
Main Motor					
Slide Adjust					
Lube					

### Starters:

Check the desired type of motor controller to be replaced or added.  
Use Existing

Function	NEMA	IEC	Variable Frequency	DC Drive	Eddy Current	Reversing
Main Motor						
Slide Adjust						
Lube						

Note: When reversing motor starters are provided for the main motor, a zero speed switch will also be quoted.

### Press Lubrication System:

Type Of Lubrication System: \_\_\_\_\_

Number of Sensors for Lube Pressure or Flow Monitoring: \_\_\_\_\_

Voltage Of Sensors: \_\_\_\_\_

Number of Solenoids to be controlled: \_\_\_\_\_

Note: Please provide Schematics or functionality specification for the press lubrication controls to insure proper system configuration.

Comments this page: \_\_\_\_\_

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## Optional Equipment:

Option	Function / Size	Select
<b>Main Motor Speed</b>	Single Speed	
	Variable Speed – Potentiometer on control	
	Variable Speed – Through Operator Interface	
<b>Flywheel Brake</b>	Check If Press Has Flywheel Brake	
	Stored with Job Recipe	
<b>Shutheight Control</b>	Manually Adjusted	
	Manual Push Button	
	Automatic with Linear Transducer	
	Automatic with Multi-turn Resolver	
	Stored with Job Recipe	
	<b>Amount of Shutheight Adjustment in Inches</b>	
<b>Air Counterbalance</b>	Manual Adjust Only	
	Manual Adjust Pressure Transducer to Monitor On Display	
	Automatic Counterbalance	
	Stored with Job Recipe	
<b>Air Pressure Switches</b>	Use Existing Pressure Switches	
	New Clutch Air Pressure Switch	
	New Counterbalance Air Pressure Switch	
	New Flywheel Brake Pressure Switch	
<b>Herion Dual Safety Valve</b>	Use Existing Safety Valve (Specify type and year of manufacture)	
	Note: If More than one valve is required please specify.	Provide New ¼ inch Safety Valve
		Provide New ½ inch Safety Valve
		Provide New ¾ inch Safety Valve
		Provide New 1 inch Safety Valve
		Provide New 1¼ inch Safety Valve
		Provide New 1½ inch Safety Valve
		Provide New 2 inch Safety Valve
<b>Additional Solenoids</b>		



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### Optional Equipment (continued):

Option	Function / Size	Select
<b>Safety Light Curtains</b>	Use Existing	
	Helm to supply new safety lights	
	Measurement Procedures: Take measurement with the ram at top dead center and slide adjustment at its upper limit. Measure from the bottom of the ram to the top of the bolster.	
<b>Protection Height</b>	12" <input type="checkbox"/> 18" <input type="checkbox"/> 24" <input type="checkbox"/> 36" <input type="checkbox"/> 50" <input type="checkbox"/>	
	Front Guarding Only Specify Size _____	
	Front and Rear Guarding Specify Size _____	
	Perimeter Guarding Specify Size _____	
	Blanking Requirement      Yes <input type="checkbox"/> No <input type="checkbox"/>	
	Corner Turning Mirrors Specify Quantity _____	
	Universal Mounting Brackets    Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>Operator Interface</b>	PanelView 550 - 5.5" Monochrome	
	PanelView 600C – 6" Color Touch and Keypad	
	PanelView 1000 – 10" Color Touch and Keypad	
	<b>Note: PanelView displays limit Job Recipes to 20 Jobs</b>	
	Helm Model 9800 Helmsman Display – 12.1" Touch screen computer with Pentium™ Processor, Ethernet. Serial and Parallel Ports. Offers <u>unlimited</u> Job Recipes	
	Other (specify)	

Comments This Page:

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### Optional Equipment (continued):

<b>Run Stations</b>	Console Mounted Run Stations	
	Number of Remote T-Stand Mounted	
	Number of Remote Press Mounted	
<b>Inch Buttons</b>	Incorporated in Run Station	
	Remote Mounted On Press	
<b>Modes Of Operation</b>	Off	
	Inch	
	Single Stroke	
	Continuous	
	Automatic Single Stroke	
	Automatic Continuous	
	Bar	
	Other (specify)	
<b>Hydraulic Overload</b>	If press is equipped with a hydraulic overload system, please provide functionality requirements or electrical and hydraulic schematics	
<b>Pneumatic Equip.</b>	L-O-X Valve (require for lockout – tagout procedures)	
	Filter-Regulator-Lubricator Assembly(ies)	
	<i>Please Provide Quantities of above</i>	
<b>Die Clamping</b>	If press is equipped with a Die Clamping system, please provide functionality requirements or electrical and hydraulic schematics	
<b>Transfer System</b>	If press is equipped with a Transfer system, please provide functionality requirements or electrical and hydraulic schematics	
<b>Robotic System</b>	If press is equipped with a Robotic system, please provide functionality requirements or electrical and hydraulic schematics	
<b>Air Cushion</b>	If press is equipped with a Air Cushion system, please provide functionality requirements or electrical and hydraulic schematics	



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## Optional Equipment (continued):

<b>Die Monitoring</b>	8 Channels of Recipe Based Die Monitoring	
	16 Channels of Recipe Based Die Monitoring	
	Number of Additional Die Monitoring Channels	
	Die Sensor Interface Junction Box	
	Part Ejection Light Curtains	
<b>PLS</b> (Programmable Limit Switch)	8 Channels of Recipe Based PLS	
	16 Channels of Recipe Based PLS	
	Number of Additional PLC Channels	
<b>Tonnage Monitoring</b>	2 Channels of Peak Tonnage Monitoring (Press)	
	4 Channels of Peak Tonnage Monitoring (Press)	
	8 Channels of Peak Tonnage Monitoring (Press)	
	2 Channels of Peak Tonnage Monitoring (in-Die)	
	4 Channels of Peak Tonnage Monitoring (in-Die)	
	8 Channels of Peak Tonnage Monitoring (in-Die)	
	2 Channels of Through Stroke Tonnage Monitoring (Press)	
	4 Channels of Through Stroke Tonnage Monitoring (Press)	
8 Channels of Through Stroke Tonnage Monitoring (Press)		
<b>Software</b>	FirstMate Signature Analysis Software (requires PC for Signature display)	
	Helm Recipe Management Software	
	Helm Downtime and Production Reporting	
	Helm WebView Browser	
<b>MMI Operator Interface Software (when using Helmsman Display)</b>	Helm Navigator MMI Software	
	RSView - Rockwell Automation	
	Other (specify)	
<b>Additional Comments</b>		