



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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Date: 02/26/2019

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 GuardLogix	<input type="checkbox"/>
AB MicroLogix 850	<input type="checkbox"/>
AB CompactLogix 1769	<input type="checkbox"/>
AB ControlLogix 1756	<input type="checkbox"/>
Siemens	<input type="checkbox"/>
Mitsubishi	<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
Main Motor Speed	Single Speed	
	Variable Speed – Potentiometer on control	
	Variable Speed – Through Operator Interface	
Flywheel Brake	Check If Press Has Flywheel Brake	
	Stored with Job Recipe	
Shutheight Control	Manually Adjusted	
	Manual Push Button	
	Automatic with Linear Transducer	
	Automatic with Multi-turn Resolver	
	Stored with Job Recipe	
	Amount of Shutheight Adjustment in Inches	
Air Counterbalance	Manual Adjust Only	
	Manual Adjust Pressure Transducer to Monitor On Display	
	Automatic Counterbalance	
	Stored with Job Recipe	
Air Pressure Switches	Use Existing Pressure Switches	
	New Clutch Air Pressure Switch	
	New Counterbalance Air Pressure Switch	
	New Flywheel Brake Pressure Switch	
Dual Safety Valve	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
Additional Solenoids		



Optional Equipment (continued):

Option	Function / Size	Select
Safety Light Curtains	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.	
Protection Height	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"/>	
Operator Interface	PanelView Plus Color Touch	
	7" <input type="checkbox"/> 12" <input type="checkbox"/> or 15" <input type="checkbox"/> . Please specify size.	
	Pro-face Color Touch 10" <input type="checkbox"/> 12" <input type="checkbox"/> or 15" <input type="checkbox"/> . Please specify size.	
Note: PanelView and Pro-face may be limited on job recipe storage.		
Panel PC Options:	Helm Color Touch Panel PC Display: With Ethernet, USB, and Serial Ports. 9" <input type="checkbox"/> 12.1" <input type="checkbox"/> or 15" <input type="checkbox"/> . Please specify size. Offers unlimited Job Recipes	
	Other (specify)	

Comments This Page:



Optional Equipment (continued):

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

Die Monitoring	8 Channels of Recipe Based Die Monitoring		
	16 Channels of Recipe Based Die Monitoring		
	Die Sensor Interface Junction Box		
	Part Ejection Light Curtains		
	Additional Channels Required:		
PLS (Programmable Limit Switch)	8 Channels of Recipe Based PLS		
	16 Channels of Recipe Based PLS		
	Additional Channels Required:		
Tonnage Monitoring	2 Channels of Peak Tonnage Monitoring (Press)		
	4 Channels of Peak Tonnage Monitoring (Press)		
	8 Channels of Peak Tonnage Monitoring (Press)		
	Additional Channels Required:		
	2 Channels of Peak Tonnage Monitoring (in-Die)		
	4 Channels of Peak Tonnage Monitoring (in-Die)		
	8 Channels of Peak Tonnage Monitoring (in-Die)		
	Additional Channels Required:		
	2 Channels of Through Stroke Tonnage Monitoring (Press)		
	4 Channels of Through Stroke Tonnage Monitoring (Press)		
	8 Channels of Through Stroke Tonnage Monitoring (Press)		
	Software Options	FirstMate Signature Analysis Software (requires Panel PC for Signature display)	
		Helm Downtime and Production Reporting	
Rockwell Automation Factory Talk			
Other (specify)			
Additional Comments			