LINK SYSTEMS

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OmniLink 5100-MPC Press Control

Company Name | Date/Time Field

Address | Surveyed By

City | State | Zip Code | Phone Number

Contact | FAX Number

email

Machine Classification Information

Manufacturer | Rated Tonnage | Model (provide if known)

Press Serial Number | Property # | Frame Type

Incoming Line Voltage | Press Stroke Length (inches) | Shut Height

Maximum Press Speed is (SPM) | Press Drive System

Additional information that may be helpful in quoting

Requirements for New Control

Type of Disconnect ◯ Fused ◯ Circuit Breaker **Disconnect Operator Type** ◯ Through the door ◯ Flange

Starters ◯ New ◯ Reuse Existing to be installed in the field

Main Motor: Motor Rated at | Amperage | Motor RPM

Speed is: ◯ Fixed ◯ Variable ☐ Zero Speed Switch Required ? (will be added if Bar Mode is requested)

Variable Speed Drives

For the drive listed below the following consideration should be made on the quote ◯ Provisions and space only ◯ Link to mount drive in control at the time of construction

If Variable, the speed Varies from | to | SPM **Drive Type**

Drive Selection | Drive to be mounted

If Drive is not listed, provide Drive Make | Model

Unless otherwise indicated speed will be controled via the 805 Operator Terminal

Shut Height Adjustment

Adjustment is: | Motor rated at | Amperage | RPM

Lube System Information

Main Lube is [ ] Motor rated at [ ] Amperage [ ] RPM [ ]

Sensors check all that apply ☐ Low Pressure ☐ Low Level ☐ High Pressure ☐ Single Flow ☐ Dual Flow ☐ Cycle Switch

Motors Other than Lube or Grease Pump Motors (Which Are Covered in Lube Section)

Function [ ] Motor rated at [ ] Amperage [ ] RPM [ ]

Link to Provide new starter [ ] Are electrical drawings available and being provided? [ ]

Function [ ] Motor rated at [ ] Amperage [ ] RPM [ ]

Link to Provide new starter [ ] Are electrical drawings available and being provided? [ ]

Enclosure Configuration

Any size restrictions on enclosure [ ] Enclosure Legs Required [ ]

Type Of New Enclosure [ ]

Main Control enclosure to Be Located Where? [ ]

For wall & press mount applications, distance from floor to bottom of enclosure in inches [ ]

Main Operator Station

Operator Terminal and pilot devices to be located where [ ] If Remote, OIT Cable length [ ]

Operator Station/Run Bar Configuration. If more than two operator stations are required, including a footswitch the second input card is required and will be quoted.

How many operator stations required for this application [ ] How many operator stations is Link to Provide [ ]

Is Footswitch Operation Required [ ] Link to provide footswitch [ ]

All Operator Stations will be configured with a Station On indicator and a Red Emergency Stop Push Button (twist to reset, Tele.)

A. Operator Station 1 Location ◯ Main Enclosure ◯ Sloped Front of Console ◯ Remote Enclosure ◯ Run Bar Top Mount ☐ Pedestal & Base ◯ Run Bar Side Mount

Palm Button Selection ◯ 2-Run/Inch Push Buttons with "U" Guards (Tele 60MM ◯ Two Run Palm Buttons with Guards (Rees) ◯ Two Run Palm Buttons with Guards (Rees Low Force, Snap action)

Additional Run Bar Items Requested ☐ Yellow Top Stop button ☐ Prewired with 15' of cable and cord grips ☐ Prewired with Heavy Duty 16 Pin Plug ☐ 10 x 8 x 4 Enclosure with receptacle ☐ Dummy Plug

B. Additional Operator Stations ◯ Top Mount Run Bar ◯ Side mount Run Bar ☐ Pedestal & Base

Palm Button Selection ◯ 2-Run/Inch Push Buttons with "U" Guards (Tele 60MM) ◯ Two Run Palm Buttons with Guards (Rees) ◯ Two Run Palm Buttons with Guards (Rees Low Force, Snap action)

Additional Run Bar Items Requested ☐ Yellow Top Stop button ☐ Prewired with 15' of cable and cord grips ☐ Prewired with Heavy Duty 16 Pin Plug, coding Pins and cord grips ☐ 10 x 8 x 4 Enclosure with receptacle ☐ Dummy Plug

Number of Additional Red E-Stop Push Buttons Required? [ ] Number of Additional Yellow Top Stop Push Buttons Required? [ ]

Separate Inch Buttons Requested and location? [ ]

Any Additional Run Bar Information [ ]

Special Operation Modes required:

☐ Automatic Single Stroke ☐ Continuous on Demand ☐ Timed Inch ☐ Maintained Continuous ☐ Bar Mode

Any Additional Special Modes information

Tonnage Monitor

The OmniLink 5100-MPC Tonnage Monitor can be configured for 2 or 4 channel operation, displays Peak Forward and Reverse Tonnage , and has an Auto-Setup feature.

Tonnage Monitor Quote as

If Yes, how many Channels

Please Select the proper number of each strain gage length required

Strain Gage Enclosures and Drill fixture kit will be quoted unless otherwise noted.

35' 50' 75' 100'

Black Max Light Curtains

Light Curtains Required?

Provide make and model of existing light curtains used

How Many Light Curtians

LL_MAX LITES

LL- MAX Brackets

Mirrors

LL_MAX REMOTE

LL-MAX REMOTE Brackets

How Many Mirrors

Proper brackets will be quoted for mirrors and remote segments will be quoted

Are Barrier Guard interlocks required?

Requires 2-Pole device

New Die Safety Plugs and Receptacles Required

If customer is to supply Die Safety Plugs & Receptacles they must be 2-Pole .

Indicate the configuration of the Die Safety Receptacles

How Many

Programmable Limit Switches:

PLS

A maximum of 8 PLS Output Relays are available for the OmniLink 5100 MPC Control.

Output Relays:

NOTE: Output Relays will be used for motor forward, reverse and lube pump (if present). These motors will be started via the 805 Touch screen and a motor start enable button. A maximum of 32 Output Relays are available on the OmniLink 5100-MPC . Typical application for additional OR's would be flywheel brake, hydraulic overload, auxilary or metered lube system, etc:. Proper number of OR's will be quoted.

Is access to end of main crankshaft available for 1:1 coupling of resolver

Resolver Cable Length

Is the press equipped with Hydraulic Overloads

If yes, drawings must be provided for proper interface.

Does the Press Have a Flywheel Brake?

Flywheel Brake is

Clutch/Brake System

Clutch/Brake Configuration Type is:

The Clutch/Brake system is actuated via:

Link to provide New Valve(s)

Number of Valves required

Valve Size

If existing Valves are to be re-used describe valves and valve monitor and provide make and model

If separate valves, is timing required to prevent clutch/brake overlap

Number of Air Pressure switches requested

Check the appropriate boxes below to indicate how the Air Pressure Switches are to be used.

☐ Counter Balance ☐ Clutch/Brake ☐ Flywheel Brake ☐ Die Cushions ☐ Other

L-O-X Valve

Filter/Regulator/Lubricator for Counter Balance Required

Filter/Regulator/Lubricator for Air Supply Required

Is the press equipped with Die Clamps?

If yes, drawings must be provided for proper interface.

Communication Module

Note : Communication module is required for Linknet and/or Serial Feed Interface. If Linknet option is requested a drop box will be quoted. If LinkNet does not currently exist and is required please request a seperate quote for single/ multi user system. For Serial Feed Communication the appropriate cable will be quoted for the drive type specified.

The OmniLink 5100-MPC Communication Module allows for serial feed communciation with the control unit. If serial feed communication is requested the appropriate information on the feed system will be required.

Communication Module Quote as

If yes, Module will be used for

Feed Information, Make/Model and or Drive type

Safety Relay Drive Module & Safety Relay Output Module

Used for Safety Interface to Automation Devices. If this option is needed additional information will be required for proper interfacing. Please check the appropriate boxes below that apply.

Safety Relay Module Required

☐ Feed System ☐ Transfer ☐ Stacker/DeStacker ☐ Other

Die Protection Sensor Dock Is a 4 port sensor dock requested by the customer?

PLEASE PROVIDE PICTURES ON AN ADDITIONAL EMAIL OR AS AN ATTACHEMENT TO THIS EMAIL. REFERENCE THE CUSTOMER, PRESS AND OR PROPERTY NUMBER.

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