



**TOLEDO
INTEGRATED
SYSTEMS**

PRESS CONTROL & AUTOMATION QUOTATION REQUEST

Quote Needed By:	Email: sales@ttoledo.com	Project Start Date:
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Company Information

Company Name:	Quote #:
Address:	
City:	State / Province:
Zip Code:	Country:
Phone:	Email:
How Did You Hear About Toledo Integrated Systems?	

Press Information

Manufacturer:	Model #:	Serial #:
Capacity (US Tons):	Shut Height Adjustment:	Speed Range (SPM):
Press Type: ☐ OBI / GAP ☐ Straight-Side ☐ Double-Action ☐ Underdrive		
Existing Prints Available: ☐ Yes ☐ No Pictures Available: ☐ Yes ☐ No		

Customer Requirements

Project Scope (Check Items That Apply)
☐ Clutch / Brake Controller Only
☐ Clutch / Brake Controller w/Motor Control (Starters, etc.)
☐ Clutch / Brake Controller w/Requested Automation (Die Protection, Tonnage, etc.)
☐ Clutch / Brake Controller w/Automation and Motor Control
☐ Automation Package Only
☐ Turn Key Installation
☐ Commissioning / Training

Clutch / Brake System

Type: ☐ Pneumatic ☐ Hydraulic
Dual Solenoid Valve: ☐ Toledo to Supply ☐ Use Existing ☐ Customer to Supply
Dual Solenoid Valve Size (If Toledo to Supply): ☐ 1/2" ☐ 3/4" ☐ 1" ☐ 1 1/4" ☐ Other: _____
Separate Valves For Clutch / Brake: ☐ Yes ☐ No
Flywheel Brake: ☐ Yes ☐ No

Notes: _____



Clutch / Brake Controller Options (Press Pilot 150)

☐ Flush Mount Kit	☐ Light Curtain Mute On Upstroke	☒ Ethernet Communications (Standard)
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Note: Standard systems include six operating modes: **Off, Inch, Single, Continuous, Auto-Single and Continuous-On-Demand**

Notes: _____

Additional Hardware and Components

Number of Operator Stations: ☐ One ☐ Two ☐ Four
Run Stands: ☐ Toledo To Supply ☐ Use Existing / Customer to Supply
Run Bars: ☐ Toledo To Supply ☐ Use Existing / Customer to Supply ☐ Add to Console
T-Stand Quick Connect Kit: ☐ Yes ☐ No If Yes, Qty: _____
Clutch Air Pressure Switch: ☐ Toledo to Supply ☐ Use Existing ☐ Customer to Supply
Counterbalance Air Switch: ☐ Toledo to Supply ☐ Use Existing ☐ Customer to Supply
Resolver / Encoder Cam Switch: ☐ Toledo to Supply ☐ Use Existing ☐ Customer to Supply
Hard Guards: ☐ Existing Front ☐ Existing Rear
Front Light Curtains: ☐ Toledo to Supply ☐ Use Existing ☐ Customer to Supply
Rear Light Curtains: ☐ Toledo to Supply ☐ Use Existing ☐ Customer to Supply
Foot Switch: ☐ Toledo to Supply ☐ Use Existing ☐ Customer to Supply
Die Plug Kits: Qty: _____

Notes: _____

High Power

☐ Toledo to Supply Press Controls Only (Reuse Disconnect, All Existing Starters and Motor Control Circuits)

Incoming Line Voltage

Voltage: ☐ 208 ☐ 230 ☐ 380 ☐ 460 ☐ 575 ☐ Other: _____
Main Disconnect: ☐ Toledo to Supply ☐ Use Existing
Amperage: _____ Phase: _____

Main Motor

Main Motor Starter: ☐ Toledo to Supply (IEC) ☐ Use Existing
Main Motor Horsepower: _____ Voltage: _____ FLA: _____
Main Motor: ☐ Reversing ☐ Non-Reversing
Main Motor (Choose One): ☐ Fixed Speed Press ☐ Variable Speed Press
If Variable Speed Press, Method: ☐ Mechanical ☐ AC Drive ☐ DC Drive ☐ Eddy Current Drive
Main Motor Drive: ☐ Toledo to Supply ☐ Use Existing
If Using Existing Drive: Manufacturer: _____ Model #: _____ Width: _____ Height: _____ Depth: _____
Zero Speed / Anti-Plugging for Main Motor: ☐ Toledo to Supply ☐ Not Required
Soft Start for Main Motor: ☐ Toledo to Supply ☐ Not Required
Separate SPM Display: ☐ Toledo To Supply ☐ Display On Operator Interface ☐ Not Required
Current Trans & Amp Meter: ☐ Toledo To Supply ☐ Display On Operator Interface ☐ Not Required

Note: If using existing drive, Toledo Integrated Systems is not responsible for drive related problems.

Notes: _____



Slide Adjust

Adjustment: ☐ Pneumatic ☐ Electric ☐ Manual
If Electric Adjustment: ☐ Toledo to Supply (IEC) ☐ Use Existing
Slide Adjust Motor Horsepower: _____ Voltage: _____ FLA: _____
Shut Height Display: ☐ Toledo to Supply, Stand Alone ☐ Toledo to Supply, Display On Operator Interface ☐ Not Required

Notes: _____

Press Lube System

Grease Lubrication: ☐ Yes ☐ No	
Automatic Recirculation Lube System: ☐ Yes ☐ No	
Lube Pump Starter: ☐ Toledo to Supply (IEC) ☐ Use Existing	
Lube Pump Motor Horsepower: _____ Voltage: _____ FLA: _____	
What Is Used To Monitor the Lube:	☐ Lube Controller (Provide Details Below)
	☐ Low Lube Level Switch
	☐ High Lube Pressure Sensor
	☐ Low Lube Pressure Sensor
	☐ Lube Flow Switch (NC)
☐ Lube Block Cycle Switch - # of Switches: _____ # Cycle/Minute: _____	
Voltage of Lube Sensors: _____	

Notes: _____

Auxiliary Motor Starter

Function:
Auxiliary Motor Starter: ☐ Toledo to Supply (IEC) ☐ Use Existing
Auxiliary Motor Horsepower: _____ Voltage: _____ FLA: _____

Control Transformer

☐ Will the control transformer be used for any additional functions other than the quoted control system? Additional load: _____
Control Transformer: ☐ Toledo To Supply ☐ Use Existing / Customer To Supply

Enclosure

Existing Enclosure Dimensions: Width: _____ Height: _____ Depth: _____	
Any Size Restrictions: ☐ Yes ☐ No - If Yes, Details: _____	
New Enclosure Type:	☐ Press Mounted
	☐ Free Standing
	☐ Operator Pendant with Movable Arm
	☐ Slant Face Console (Front Door Only)
	☐ Slant Face Console (Front & Rear Doors)
	☐ Sub-Panel Only
	☐ Other: _____
Additional New Enclosures:	☐ E-Stop Corner Boxes
	☐ Press Junction Boxes
	☐ Other: _____



Current Press Functions / Auxiliary Equipment

Check all that apply to the press control quote.

☐ Hydraulic Overloads	☐ Press Feeder	☐ Die Cushions	☐ Rolling Bolster
☐ Robots	☐ Transfer System	☐ Die Clamps	☐ Other:
☐ Toledo is required to control, monitor and/or integrate with the above equipment. If so, please attach electrical schematics.			

Notes: _____

Automation Packages

Add an automation package to make your control a TPC (Total Press Control). Please select **one** automation package below:

☐ DPPlus 2.0	8 Programmable Die Protection Inputs	Maximizer (Cont'd.)	Diagnostic Screen
	☐ 8 Additional Die Protection Inputs		Alarm History Log
	8 PLS Outputs		Motion Detection
	PLS Speed Compensation		Multi-Level Password Protection
	Time Based Brake Monitor w/90° Stop Test		Save/Review Comments/ Setup Information
	100 Job / Recipe Storage		Save/View Images With Job/Recipe
	Stroke, Batch & Total Counters		Save/View Part Dimension With Job/Recipe
	☐ 2 or ☐ 4 Channel Tonnage Monitor		☐ Analog Inputs For In-Die Measurement
☐ Maximizer	16 Programmable Die Protection Inputs		☐ Counterbalance Pressure Display
	8 PLS Outputs		☐ Automatic Counterbalance Control
	☐ 2 or ☐ 4 Channel Tonnage Monitor		☐ Shut Height Display
	☐ Reverse Tonnage		☐ Automatic Shut Height Control
	☐ Signature Analysis, CCM & Enveloping		☐ Servo Feed Interface Manufacturer: _____ Model: _____
	☐ 8 Additional PLS Outputs		PLC Preference: _____
	Time Based Brake Monitor w/90° Stop Test		Additional Integration: _____
	100 Job / Recipe Storage		HMI Preference: _____
	Stroke, Batch & Quality Counters		
	Speed Compensation		
Error & Fault Message			

☐ Universal Die Protection Sensor Interface (8 Inputs)

Please supply schematics, detail list of I/O and any additional information regarding the requested press control and automation package.



LOCATION

1345 Ford St.
Maumee, OH 43537



ttoledo.com



CONTACT

sales@ttoledo.com
(419) 867-4170
1-800-TTOLEDO

