Jorgensen
Conveyor and Filtration Solutions

Quotation RFQ for: METAL CUTTING MACHINE TOOL CHIP APPLICATIONS.

Date: _____ JCI Lead # _____ JCI Quote # _____

Customer Company Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Contact Name: _____ Contact Title: _____

Office Phone: _____ Ext: _____ Mobile: _____

Fax: _____ Email: _____

Customer Type: ◯ End User ◯ Machine Tool Dealer ◯ Machine Tool Builder ◯ Industrial Distributor/Reseller

Source of RFQ Data: ◯ JCI ◯ JCI Rep ◯ Customer

Information obtained by ◯ Web ◯ Phone ◯ In-Plant ◯ Other _____

JCI Rep Involved in Project Rep Name: _____ JCI Rep # _____

If the customer being quoted is either a machine tool dealer, machine tool builder, or an industrial distributor/re-seller please provide the end user customer information if available.

End User Company Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Contact Name: _____ Mobile: _____

Office Phone: _____ Email: _____

This application is for parts being made in which of the following industries? Other _____

☐ Automotive ☐ Aerospace ☐ Oil/Gas/Energy ☐ Medical Device ☐ Construction Equipment

Are we required to follow any defined customer mechanical or electrical specifications?

◯ Yes ◯ No If Yes, Please provide the most recent revision of the customer specification.

Are there industry standards to be followed

☐ UL ☐ CE ☐ ANSI ☐ CSA ☐ Other _____

Is the conveyor to be exported outside of the USA? ◯ Yes ◯ No

Is an existing conveyor being replaced? ◯ Yes ◯ No

If yes, is the existing brand Jorgensen ◯ Yes ◯ No Jorgensen S/N _____

If another brand please specify _____

What is the machine tool brand name for which you need the conveyor? _____

What is the machine tool model designation? _____

What is the machine tool serial number? _____

Machine tool asset designation? _____

What competitors are quoting? _____

Likelihood of Jorgensen getting the order? _____

Approved Project? ◯ Yes ◯ No Project Budget & Amount Approved _____

Decision will be made in ◯ 00-30 Days ◯ 30-60 Days ◯ 60-120 Days ◯ Over 120 Days

If this is to replace an existing conveyor why are you replacing it

☐ Can't Handle Coolant Flow ☐ Can't Handle Chip Volume ☐ Material Being Cut Changed

☐ Tracking Worn ☐ Conveyor Jamming ☐ Conveyor Leaking ☐ Requires Filtration ☐ System Worn Out

What type of machining process is this for

☐ Milling ☐ Turning ☐ Drilling ☐ Grinding ☐ Broaching ☐ Sawing

☐ Other _____

Types of material(s) being machined

☐ Mild Steel (1050 RC or below) ☐ High Carbon Steel ☐ Tool Steel ☐ Cast Iron ☐ Stainless Steel

☐ Aluminum ☐ Brass ☐ Plastic ☐ Copper ☐ Titanium ☐ Nickel ☐ Composite

☐ Other (Please describe) _____

Material Configuration (please provide representative samples of the chips and/or pictures)

☐ Fine Chips ☐ Small/Broken Chips/Curls ☐ Tight Bushy Chips/Stringers ☐ Loose Bushy Chips/Stringers

Material Volume

*Cubic feet per hour _____ *Cubic feet per shift _____ How many hours in a shift _____

*if the answer to these questions is not known, please try to answer the two questions below on material volume

Size of scrap bin taking chips from conveyor _____ cubic feet

How often does the scrap bin fill? Every _____ Hours

Conveyor Loading ☐ Continuous ☐ Batch (conveyor not running while material accumulates; then turned on)

☐ Coolant and chips ☐ Dry machining ☐ Chips with residual coolant

Coolant Type

☐ Water with rust inhibitor ☐ Water soluble ☐ Semi synthetic ☐ Synthetic ☐ Oil

*If possible, include MSDS sheet and/or Brand and Type _____

Coolant Pumps

Transfer Pump ◯ Yes ◯ No if yes GPM _____ PSI _____ Who is supplying pump ◯ JCI ◯ Other

if yes, is the variable speed of the pump desired based on coolant level in tank? ◯ Yes ◯ No

Machine Supply pumps: Max coolant flow for system? _____ ◯ Gallons ◯ Liters

Pump Function	GPM/LPM	PSI/BAR	Is GPM/LPM variable	is PSI/Bar variable	Coolant Clarity (microns)
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	
			◯ Yes ◯ No	◯ Yes ◯ No	

**Pump functions choices include: Thru Spindle, Thru Spindle High Pressure, Wash Down, Trash Transfer, External Spindle, Shower and Flood

Electrical Requirements

Motor/Control to be wired for ☐ 200/60Hz 3Ph ☐ 208/60Hz 3Ph ☐ 230/60Hz 3Ph ☐ 460/60Hz 3Ph

☐ Other Voltage _____ Frequency _____ Phase _____

Control Required ◯ Yes ◯ No If Yes, what type ☐ UVS Ecologic ☐ Drum Switch ☐ E-Stop ☐ Other

Control - Other
☐ All components wired to a J Box with terminal strip
☐ All components wired to a J Box, including motor starters, overloads, disconnects, operator elements and pilot lights (control logic by others)
☐ Full control including logic and standard machine interface
☐ Other, please describe _____

Power cable required from control to machine? ◯ Yes ◯ No If yes, what length _____ inches

Plug required on cable ◯ Yes ◯ No If yes, what type _____

Are we required to follow any electrical standards? ◯ Yes ◯ No

If yes, Which ones ☐ NEMA ☐ CE ☐ CSA ☐ Other _____

Electrical Components and Functionality

Tank Level Sensors	Operator Panel	Control Interface
☐ Analog	☐ HMI Display	☐ System On/Off
☐ Digital	☐ Status pilot lights	☐ E-Stop
☐ Float with proximity switch	☐ Stack light	☐ Pre-warning
☐ Float with proximity switch and flag	☐ E-Stop	☐ Alarm
		☐ Supply pump on/off

Are we replacing an existing conveyor system ◯ Yes ◯ No If yes: _____ motor HP _____ Motor FLA

Is the existing conveyor motor shaft mounted? ◯ Yes ◯ No If yes, describe overload protection:

☐ VFD (Variable Frequency Drive) ☐ Current Sensor ☐ Shear Pin

Options

Bag Filter(s): ☐ Single ☐ Duplex If duplex, auto change over ◯ Yes ◯ No

Final "policing" filter ☐ Single ☐ Duplex

Oil Skimmer ☐ Belt type ☐ Disk Type

Chiller system for coolant ◯ Yes ◯ No If yes:

Customer's plant ambient temperature range _____ to _____ ◯ °F ◯ °C

Temperature to be maintained by chiller _____ ◯ °F ◯ °C

Machine tool's spindle horsepower is needed: _____ horsepower

Paint Color/Paint Specification

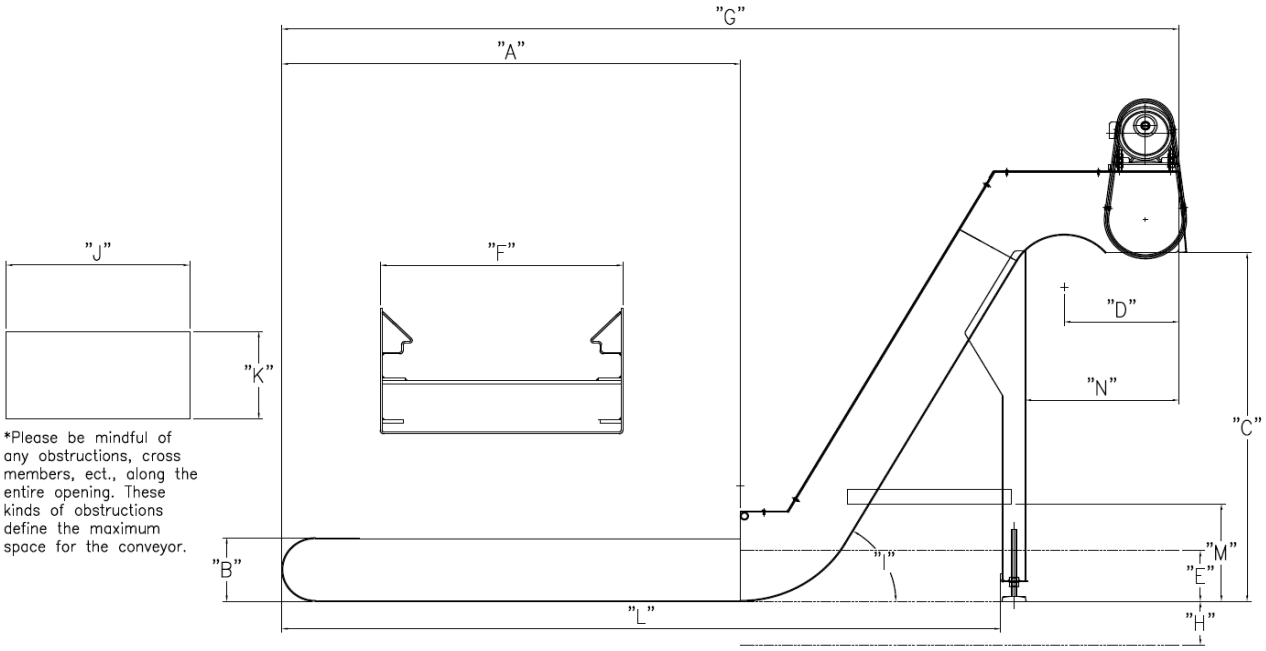
☐ Primer only What color primer? _____

If finished coat is desired, please provide detailed specifications _____

If you have a paint RAL# please provide* _____

*provide a sample paint chip if possible

Critical Dimensions (please feel free to submit any photos, sketches or drawings that may be helpful)



Conveyor is ☐ Floor Mounted ☐ Machine Mounted ☐ Tank Mounted ☐ Pit Mounted

Conveyor Dimensions ☐ Inches ☐ Feet ☐ mm

A. Load Section		F. Conveyor Width		K. Machine Opening Height.	
B. Casing Height		G. Overall Length		L. Tail to Leg	
C. Discharge Height		H. Height Above Floor		M. Floor to Leg Brace	
D. Discharge Length		I. Incline Angle		N. Leg to Discharge	
E. Pit Depth		J. Machine Opening Width			

Does conveyor lower curve sit inside/outside of coolant tank. ◯ Inside ◯ Outside

Is coolant tank to be supplied ◯ Yes ◯ No _____

If yes, please supply dimensions. _____

Conveyor drainage: Does the conveyor require a drain coupling or coolant holes/slots?

◯ Yes ◯ No If yes, please explain _____

_____

Conveyor options to be quoted ☐ EcoFilter ☐ Drum Filtration ☐ Paper Media Filtration

☐ Mag-Drag ☐ Magnetic ☐ MunchMan ☐ Hinged Steel Belt ☐ Drag Flight

Notes: