

Survey Questions for Quotation

Customer: _____ Quotation No.: _____

Date _____ :

1. General specifications

(1) Model	
(2) Quantity	
(3) Delivery	Within <u>120</u> days after receipt of your order
(4) Power	AC Volt Phase Hertz
(5) Control	AC Volt Phase Hertz
(6) Machine Color	MUNSEL / <input type="checkbox"/> Maker's color <input type="checkbox"/> Customer's color
(7) Others (Machine concept)	



2. Workpiece to be ground

(1) Name of workpiece	
(2) Process	
(3) Material	
(4) Weight (Kg)	
(5) Surface before gr.	
(6) Heat treatment	<input type="checkbox"/> None <input type="checkbox"/> Case Hardening <input type="checkbox"/> Cementation
(7) Surface hardness	HRC ~
(8) Depth of Hardened	mm
(9) Stock removal	Max. mm(Φ)
(10) Roundness	mm
(11) Cylindricity	mm
(12) Concentricity	mm
(13) Straightness	mm
(14) Sketch	



3. Grinding efficiency

(1) Workpiece size (mm)			
(2) Stock removal (mm)			
(3) Processes	Rough	mm	
	Medium	mm	
	Fine	mm	
(4) Cycle time	sec/pc	Grinding condition	Working time Hour/Day
(5) Product amount per a day	ea		Degree of utilization %
(6) Product amount per a month	ea		Speed of thrufeed :
(7) Remarks (Total days for intentional amount complete)			

4. Accuracy (Guaranty after fine grinding with stable conditions of the machine)

(1) Name of workpiece	
(2) Roundness (μ)	
(3) Cylindricity (μ)	
(4) Concentricity (μ)	
(5) Run out (μ)	
(6) Roughness ()	



(7) Others	
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5. Principal briefs

(1) Grinding method	<input type="checkbox"/> Manual infeed grinding <input type="checkbox"/> Automatic infeed grinding <input type="checkbox"/> Automatic thrufeed grinding
(2) Motor for grinding spindle	KW P (Circumferential speed m/min)
(3) Motor for regulating spindle	KW P (Stepless RPM ~)
(4) Hydraulic pressure	Kg/cm ² x l /min
(5) Pneumatic pressure	Kg/cm ² x l /min
(6) Measurement of machine body	Size ; W mm , L mm , H mm Weight ; Approx. Kg
(7) Others	

6. Accessories (Per machine)

(1) Grinding wheel	Spec. ; Size ;
(2) Regulating wheel	Spec. ; Size ;
(3) Workrest	<input type="checkbox"/> For standard thrufeed <input type="checkbox"/> For long size <input type="checkbox"/> For large size <input type="checkbox"/> For standard infeed <input type="checkbox"/> For large size
(4) Blade	<input type="checkbox"/> For standard thrufeed <input type="checkbox"/> For long size <input type="checkbox"/> For large size <input type="checkbox"/> For standard infeed <input type="checkbox"/> For large size



(9) Others	
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8. Optional Requirements

(1) Auto. grinding system	<input type="checkbox"/> Provide () <input type="checkbox"/> Not provide
(2) Auto. inching system	<input type="checkbox"/> Provide () <input type="checkbox"/> Not provide
(3) Auto. dressing system	<input type="checkbox"/> Running dressing <input type="checkbox"/> Temporary dressing <input type="checkbox"/> Not provide
(4) Auto. Compensation sys.	<input type="checkbox"/> Provide () <input type="checkbox"/> Not provide
(5) Auto. loading and unloading equipment	<input type="checkbox"/> Provide (Flow ;) <input type="checkbox"/> Not provide
(6) Electric control system	<input type="checkbox"/> PLC (Programmable Logic Controller) <input type="checkbox"/> Relay <input type="checkbox"/> N.C
(7) Auto. measuring sys.	<input type="checkbox"/> Provide () <input type="checkbox"/> Not provide
(8) Auto. sorting system	<input type="checkbox"/> Provide () <input type="checkbox"/> Not provide
(9) Auto. providing system	<input type="checkbox"/> Vibrator type <input type="checkbox"/> Hopper type <input type="checkbox"/> Stocker type <input type="checkbox"/> Special type <input type="checkbox"/> Pitch Conv. <input type="checkbox"/> Not provide
(10)	



(11)	
(12)	

9. Lubrication

(1) Grinding spindle	<input type="checkbox"/> Grease type <input type="checkbox"/> Oil fogging type <input type="checkbox"/> Circulation type
(2) Regulating spindle	<input type="checkbox"/> Grease type <input type="checkbox"/> Oil fogging type <input type="checkbox"/> Circulation type
(3) Sliding face	<input type="checkbox"/> Manual lever pump <input type="checkbox"/> Automatic intermittence

