



# ENQUIRY FORMAT FOR RECONDITIONING & RETROFITTING OF MACHINE

**CUSTOMER :-**  
**MACHINE MODEL :-**  
**MACHINE MAKE :-**

**DATE :-**  
**MACHINE SERIAL NO. :-**  
**OPERATION :-**

SL.NO.	DESCRIPTION AREA	EXISTING PROBLEM IF ANY	CUSTOMER'S REQUIREMENTS
<b>1</b>	<b>WHEEL SPINDLE CONDITION</b>		
1.1	Specification of spindle Type :                      Size :		
1.2	Axial Play Standard :                      Present :		
1.3	Radial Play Standard :                      Present :		
1.4	Any oil leakage from spindle observed Yes/No		
1.5	Any replacement of oil seal done in past Yes/No		
1.6	Any other repairing has been done in past due to jamming of the spindle. If yes please give details.		
1.7	Pulley and Belts		
<b>2</b>	<b>WORK HEAD</b>		
2.1	Specification of work head.		
2.2	Rotating spindle or Dead end spindle.		
2.3	Driving mechanism. Servo motor/Induction motor/ V- Belt/Timing Belt etc.		
2.4	Any other repairing has been done in past due to jamming of the Work head. If yes please give details.		
2.5	Dresser mounting Work head/Tail stock/Separate slide/Dia roll etc. Pl. give details.		
2.6	Clamping : Jaws/Hydraulic clamping/Electromagnetic clamping/others		
<b>3</b>	<b>TAIL STOCK</b>		
3.1	Specification of tail stock		
3.2	Axial Play Standard :                      Present :		
3.3	Operation : Manual/Hydraulic		
3.4	Any other repairing has been done in past. If yes please give details.		
<b>4</b>	<b>WHEEL HEAD SLIDE</b>		
4.1	Specification of wheel slide.		
4.2	Type of the slide V flat/Square/LM Guideways		
4.3	General condition of the slide. Do you feel it requires any reconditioning by scraping or replacement.		
4.4	Any scale is used for positional accuracy -Specify.		
<b>5</b>	<b>TABLE SLIDE</b>		
5.1	Type of the slide V flat/Square/LM Guideways.		
5.2	General condition of the slide. Do you feel it requires any reconditioning by scraping or replacement.		
5.3	Any scale is used for positional accuracy -Specify.		

SL.NO.	DESCRIPTION AREA	EXISTING PROBLEM IF ANY	CUSTOMER'S REQUIREMENTS
<b>6</b>	<b>HYDRAULIC POWER PACK</b>		
6.1	Specification of hydraulic system.		
6.2	Any modification required in the hydraulic power pack to add or delete any operation /function. If yes please give details along with hydraulic diagram.		
6.3	Replacement of any existing hydraulic/Pneumatic hardware required. If yes please give details.		
<b>7</b>	<b>COOLANT SYSTEM</b>		
7.1	Specification of coolant system .		
7.2	Any modification required in existing coolant system		
<b>8</b>	<b>Guards</b>		
8.1	Any modification required in the present guarding system of the machine		
<b>9</b>	<b>ELECTRICAL</b>		
9.1	Type of control system used in the machine Relay control/ PLC control/CNC control give details.		
9.2	Any type of retrofitting required on the machine by introducing new hardware and interfacing with existing electrical system.		
9.3	Conversion from electrical system to CNC control systems . If yes pl. give complete details.		
<b>10</b>	<b>REQUIREMENTS</b>		
10.1	Customer to give Geometrical Accuracy Chart of m/c		
10.2	If the standard machine is required to be converted to CNC controls by replacing any parts please give details.		
10.3	Please arrange to send following documents for study and to give suitable quotation.		
	a) Manual for mechanical assy. and parts.		
	b) Electrical circuit diagram with list of hardwares.		
	c) Hydraulic/Pneumatic circuit diagram.		
	d) PLC Ladder diagramme.		
	e) CNC details with all parameters.		
	f) Part programme used on the machine.		
<b>REMARKS</b>			
<b>NOTE :- PLEASE ATTACH ADDITIONAL SHEETS IF THE SPACE PROVIDED IS NOT SUFFICIENT OR ANY EXTRA INFORMATION IS TO BE PROVIDED</b>			