

Clousing Large Swing CNC Lathe Profile

Let us Build a Lathe to fit your applications. The more complete your information, the more it will help us design and build a machine to meet your turning needs, at the lowest possible cost...

HELP US HELP YOU..

This is an E-form, SAVE TO YOUR DESKTOP and simply type in the information on lines or click on the box next to the information needed. Then you're ready to print and fax or e-mail as an attachment.

Customer information

Company name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Contact: _____ Phone: _____

Fax: _____ Email: _____

Dealer information

Dealer name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Contact: _____ Phone: _____

Fax: _____ Email: _____

Capacity

Largest swing over bed: (in.) _____

Largest swing over crossslide: (in.) _____

Maximum center distance: (in.) _____

Maximum working dia. required: (in.) _____

Maximum working length: (in.) _____

Maximum unsupported weight in chuck: (lb.) _____

Maximum weight between centers: (lb.) _____

Workpiece

Start dimensions: length (in.) _____ diameter (in.) _____ weight (lb.) _____

Finish dimensions: length (in.) _____ diameter (in.) _____ weight (lb.) _____

Workpiece type: solid tube Other _____

Workpiece material: mild steel hard steel cast iron aluminum stainless steel

Other: _____

If possible include print of workpiece or make sketch of workpiece in area below.

Description of workpiece _____

Headstock

Spindle bore: (in.) _____ Spindle speed: (rpm.) _____
Spindle motor CNC lathes: 40/50 hp 50/60 hp 80/100 hp
Chuck size: (in.) _____ need have Chuck type: _____ need have
Provisions for rear chucks: yes no
End user's voltage: (v.) _____ Transformer: input (v.) _____ output (v.) _____ KVA _____

Tailstock

Advise if other than standard operation: _____
 Need to fit second chuck Need live center Other: _____

Turret and Tooling

HP350 automatic H4 4 way hydraulic turret for standard tooling HP350 automatic H4 4 way hydraulic turret for VDI tooling
 Heavy-duty Baruffaldi TB 320 8 station turret for standard tooling Heavy-duty Baruffaldi TB 320 8 station turret for VDI tooling
 Special order Duplomatic V8 8 station turret for standard tooling Special order Duplomatic V8 8 station turret for VDI tooling
 Baruffaldi TBMA 320 C-axis live tooling (10/15 hp) Baruffaldi TBMA 400 C-axis live tooling (20/25 hp)
Live tooling will be used for: face work longitudinal work Keyway size _____
VDI tool holders: needed already have
Preferred tooling size:
Imperial: 1¼" 1½" 2" Other _____ Metric: 30mm 40mm 60mm 80mm Other _____

CNC Control

Fanuc 18T control Fanuc 21iT control Fagor 8055 Other _____
 Extra memory options: 1mb 2mb 2 gig hard drive with Ethernet connection

Optional Equipment

Open steady rest: 1.8" to 15.75" 13.8" to 27.56" Closed steady rest: 1.5" to 15.75" 13.8" to 27.56"
 Follower rest Hydraulic steady rest Spindle oil cooler
 Boring bar support "small" for bar size in. Boring bar support "large" for bar size in.
 VDI tool holding Live tool holders spindle indexing Special attachments: Milling Grinding

Other options/features not listed _____

Swing and travel can vary depending on type of turret & tailstock. Your information will allow us to provide a factory drawing, showing turning and travel dimensions of the finished machine, which will enable you to check that it will have the necessary capacity to handle your workpiece, before machine building starts.

Special swing size, longer beds and special application machines, available on request

Customer's Signature

Dealer's Signature

District Manager's Signature

Date _____

Date _____

Date _____