

Clousing Large Swing Lathe Machine Profile Survey

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...

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: _____

Lathe type

Standard lathe

CNC lathes

Capacity

Largest swing over bed: (in.) _____ Largest swing over crossslide: (in.) _____
Maximum center distance: (in.) _____ Maximum working dia. required: (in.) _____
Maximum working length: (in.) _____ Max. 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
Spindle motor std. lathes: 30 hp 40 hp 50 hp 75 hp 100 hp
Chuck size: (in.) _____ need have Chuck type: _____ need have
Provisions for dual 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: _____

Tool Post

4 way tool post quick change tool post

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"

Follow 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

Illustrations and specifications are not binding in detail

The designs and standard equipment nominated are subject to change without notice.

DISTRIBUTED BY:

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