

BARTON MODEL

TECHNICAL DATA

CAPACITY

Centre height 160 mm.
Centre distance 500-750-1000-1500 mm.
Swing admitted over bed 310 mm.
Swing admitted over gap 460 mm.
Swing admitted over longitudinal carriage 295 mm.
Swing admitted over cross slide 180 mm.
Bed width 200 mm.
Gap length in front of face plate 130 mm.

HEADSTOCK

Main spindle bore 35 mm.
Shaft con (with reducing bushing) Morse 4.
Main spindle nose DIN 55027-5
Number of speeds 12
Speed range in r.p.m. 70 - 2000.

THREAD AND FEED BOX

56 longitudinal feeds 0,02-1,5 mm.
56 cross feeds 0,01-0,75 mm.
56 metric threads 0,2 -15 mm.
48 Whitworth threads in T.P.I. 2-120
20 modular threads 0,25-6
On demand 60 diametral pitch threads 8-180
Thread of lead screw 6 mm.

SLIDE AND CARRIAGE

Cross slide travel 165 mm.
Tool-holder carriage travel 140 mm.
Maximum tool dimensions 20 x 20 mm

TRAILSTOCK

Shank diameter of tailstock 40 mm.
Shank travel of tailstock 120 mm.
Morse taper of tailstock 3.
Eccentricity of \pm 12 mm.

MOTORS

Main motor power in HP 3 CV.
Main motor power in HP on demand 4 CV.

WEIGHTS AND DIMENSIONS

Net weight 620-650-700-755 Kgs.
Gross weight 710-740-800-855 Kgs.
Packing dimensions of 500 mm. 1,53 x 0,82 x 1,45 m.
Packing dimensions of 750 mm. 1,78 x 0,82 x 1,45 m.
Packing dimensions of 1.000 mm. 2 x 0,82 x 1,45 m.
Packing dimensions of 1.500 mm. 2,57 x 0,82 x 1,45 m.

SPECIAL VERSIONS

Lathe with centre height 180 mm.
Swing admitted over bed 350 mm.
Swing admitted over longitudinal carriage 335 m.
Swing admitted over cross slide 220 mm.

NORMAL ACCESSORIES

Electric equipment at low voltage
Chip collecting tray
Rear chip and splash guard
Chuck back diam 160 mm.
2 fixed centres
Square turret toolpost
13 auxiliary gears
Spanners and keys
Instruction manual
Thread indicator dial
Emergency-stop push-button
Mechanical bracke
CE Security Norms

SPECIAL ACCESSORIES

Bed with gap
Lighting at 24 V.
Pneumatic chuck
Mechanical taper turning attachment
Complete coolant equipment
4 independent jaw chuck of diam. 250 mm.
Universal 3-jaw chuck of diam. 160 mm.
Face plate of diam.280 mm.
Chuckback of diam. 160 mm.
Rear toolpost
4-position stop for longitudinal carriage
Fixed steadyrest of diam. 60mm.
Follow rest of 50 mm.
Live centre Morse 3
Collet till diam. 30 mm.
Collet holder
Set of 3 pulleys for sliding
Quick change toolpost
Revolver turret slide
Drill-holder 1-13 CM-3
Chuckguard
Hydraulic-copier
Grinding attachment
Simple stop
Set of gears for threads Diametral Pitch.

Observation: We reserve the right to realize - without previous notification- any modification as to dimensions weight or technical details.