

Machine Name : Horizontal lathe

Brand : KINWA

Machine Model : CH-430×1100

Stock No. : 468600

Ex-factory Date : 2023



Main Technical Parameters:

Machining Capacity:

Maximum swing diameter over bed: 432 mm

Maximum swing diameter over cross slide: 268 mm

Maximum swing diameter in gap: 610 mm

Gap length (measured from the face plate): 767 / 1067 / 1667 mm

Bed width: 300 mm

Tool Post and Slide:

Tool post travel: 145 mm

Cross slide travel: 265 mm

Headstock Parameters:

Spindle bore diameter: 58 mm (78 mm optional)

Spindle taper: MT6 × MT4

Spindle nose specification: A1-6 / D1-6 (A2-6 optional)

Number of spindle speeds: 12

Spindle speeds (60 Hz):

35 / 52 / 75 / 110 / 160 / 230 / 330 / 490 / 650 / 950 / 1350 / 2000 rpm

Threading and Feed

Number of feed rates: 36

Longitudinal feed range: 0.037 – 1.04 mm/rev (P = 6 mm)

Longitudinal feed range: 0.035 – 0.98 mm/rev (4 TPI)

Cross feed range: 1/2 of the longitudinal feed

Leadscrew diameter: 35 mm

Leadscrew pitch: 4 TPI / P = 6 mm

Inch thread range: 2 – 72 TPI (44 types)

Metric thread range: 0.2 – 14 mm (39 types)

Tailstock Parameters

Tailstock quill travel: 170 mm

Tailstock quill diameter: 60 mm

Tailstock taper: MT4

Motor Parameters

Spindle motor power (30 min rating): 5 HP (7.5 HP optional)

Coolant motor power: 1/8 HP

Machine Dimensions and Weight

Machine height: 1400 mm

Floor space: 2000 / 2300 / 2900 × 1000 mm

Machine weight: 1500 / 1600 / 1800 kg



