

# LATHES, MILLING MACHINES & ACCESSORIES

**CJ0618**

**MINI LATHE**



This precision mini lathe is designed to perform various types of process jobs. Counterface turning, drilling, boring, threading, and cutting jobs on materials made up of round bar materials can be performed on this machine.

- This machine can be used in areas such as mini precision parts processing, sample processing and model works.
- This machine is DC motor driven.
- The spindle speed is infinitely variable from 50 to 2500RPM.
- The fan speed can be adjusted according to the requirements of different work pieces.

**MAIN SPECIFICATIONS**

- Distance between centres - 200/300/350mm
- Swing over bed - 180mm
- Swing over cross slide - 110mm
- Spindle taper - MT3
- Tailstock taper - MT2
- Chuck diameter - 80mm
- Spindle bore - 20mm
- Cross slide travel - 65mm
- Tool slide travel - 35mm
- Range of metric threads - 0.5-2.5mm
- Range of imperial threads - 12-52TPI
- Spindle accuracy - 0.01mm
- Spindle speed - 50-2500 RPM
- Power of motor - 400W/550W

**LATHE**

**CJ0623-750**



Metal turning lathe is great for counterface turning, drilling, threading and cutting jobs

- This precision mini lathe is designed to perform various types of process jobs. Counterface turning, drilling, boring, threading, and cutting jobs on materials made up of round bar and bar materials can be performed on this machine.
- This machine can be used in areas such as mini precision parts processing, sample processing and model works.
- This machine is AC motor driven.
- The spindle speed: 100, 250, 350, 500, 900, 1800 RPM (50HZ); 120, 300, 420, 600, 1080, 2150RPM (60HZ)
- The feed can be adjusted according to the requirements of different work pieces.

**MAIN SPECIFICATIONS**

- Distance between centres - 500/750mm
- Swing over bed - 230mm
- Swing over cross slide - 135mm
- Spindle taper - MT3
- Tailstock taper - MT2
- Chuck diameter - 100mm
- Spindle bore - 20mm
- Cross slide travel - 125mm
- Tool slide travel - 48mm
- Range of metric threads - 0.5-3mm
- Range of imperial threads - 8-56TPI
- Spindle accuracy - 0.01mm
- Spindle speed - 100-1800 RPM (50Hz)

**LATB**

**BENCH TO SUIT LATHES**



- Lathe not included

**DRILL MILL MACHINE**

**MD9512**



# LATHES, MILLING MACHINES & ACCESSORIES

## ZAY7045FG

### MILLING & DRILLING MACHINE



- Drilling Capacity - 45mm
- Max mill capacity (End/Face) - 32/80mm
- Max distance from spindle nose to table - 450mm
- Min distance from spindle axis to column - 260mm
- Spindle travel - 130mm
- Spindle taper - M.T.4 or R8
- Step of speed - 6
- Range of spindle speed 50Hz - 80-1250 r.p.m.
- Range of spindle speed 60Hz - 95-1500 r.p.m.
- Swivel angle of headstock (headstock perpendicular) - 90 degrees
- Forward and backward travel of table - 175mm
- Left and right travel of table - 500mm; 400mm
- Power - 1.5Kw (2Hp)
- Overall height (without stand) 1020mm
- Net/gross weight - 325kg/375kg
- Package size - 880mm x 770mm x 1140mm; 1030mm x 832mm x 1140mm

## LATHE - MILLING MACHINE COMBINATION

## HQ800



- Swing over bed - 420mm
- Distance between centres - 800mm
- Max longitudinal travel - 740mm
- Max cross travel - 200mm
- Spindle taper - M.T.4.
- Spindle hole - 28mm
- Speed step of spindle - 7
- Speed range of spindle - 160-1360 r.p.m.
- Barrel travel - 70mm
- Barrel taper - M.T.3.
- Metric thread range - 0.2-6mm
- Inch thread range - 4-120 T.P.I.
- Longitudinal range of automatic feeding 0.05-0.53mm (0.002"-0.014")
- Cross range of automatic feeding - 0.05-0.35mm (0.002"-0.014")
- Max drilling capacity - 22mm
- Worktable size - 475mm - 160mm
- End mill capacity - 28mm
- Face mill capacity - 80mm
- Max distance from spindle to centre column - 285mm
- Max distance from spindle nose to worktable - 306mm
- Spindle travel - 110mm
- Spindle taper - M.T.3.
- Speed step of spindle - 16
- Speed range of spindle - 120-3000 R.P.M.
- Swivel range of headstock - 180 degrees
- Motor power / spindle power 0.55Kw/0.55Kw
- Motor speed - 1400R.P.M.
- Overall size - 1760mm x 580mm x 965mm
- Packing size - 1430mm x 580mm x 1100mm
- Net weight/gross weight - 275kg/325kg

## WSPDP5

### PEDESTAL DRILL PRESS 5 SPEED



### PEDESTAL DRILL PRESS 12 SPEED

## WSPDP12



# LATHES, MILLING MACHINES & ACCESSORIES

## CZ300A

### WORKSHOP LATHE 900MM BETWEEN CENTRES



#### MAIN DATA

- Swing over bed - 305mm
- Distance between centres - 940mm
- Swing over gap - 440mm
- Swing over carriage - 173mm

#### SPINDLE

- Spindle hole - 38mm
- Taper of spindle - M.T. 5 Step of speed - 9 kinds
- Range of speed - 64-1500RPM (50Hz) (60Hz)

#### FEED SYSTEM (CLOSED BOX)

- Thread of lead screw - 8 T.P.I.
- Metric thread range - 0.25 - 7.5mm
- Inch thread range - 4 - 112 T.P.I. (40 kinds)
- Range of feed amount - 0.12 - 0.42mm/r (16 kinds)

#### FEED SYSTEM (NORTON LEVEL BOX)

- Thread of lead screw - 8 T.P.I.
- Metric thread range - 0.5 - 3.5mm
- Inch thread range - 7.5 - 48 T.P.I. (14 kinds)
- Range of feed amount - 0.051 - 0.152mm/r (16 kinds)

#### SADDLE AND CARRIAGE

- Saddle travel - 850mm
- Cross travel - 150mm (5-29/32)
- Compound travel - 90mm (3-6/11)
- Barrel travel - 100mm
- Taper of centre - M.T.3.

### WORKSHOP LATHE 1000MM BETWEEN CENTRES

## CZ1340G



#### MAIN DATA

- Swing over bed - 330mm
- Distance between centres - 1000mm
- Swing over gap - 476mm

#### SPINDLE

- Spindle hole - 38mm
- Taper of spindle nose - M.T. 5 Step of speed - 8 steps
- Range of speed - 70-2000RPM

#### THREAD CUTTING

- Inch thread (40 kinds) - 4 - 112 T.P.I.
- Metric thread (23 kinds) - 0.25 - 11mm
- Diametral thread (23 kinds) - 8 - 64 D.P.
- Moulder thread (15 kinds) - 0.25 - 3 M.P.

#### FEED

- Longitudinal feeds (40 kinds) - 0.091 - 2.553mm / rev
- Cross feeds (40 kinds) - 0.025 - 0.690mm / rev

#### TAILSTOCK

- Diameter of barrel - 32mm
- Barrel travel - 95mm
- Taper of barrel M.T.3.

#### OTHER DETAILS

- Foot brake
- Water pump (for cooling)
- Light
- Variable speed

LAT001

TAIL STOCK CHUCK

LAT004

FACE PLATE LATHE

LAT005

MINI LATHE 4 JAW CHUCK

LAT008

11 PIECE CUTTING SET LATHE

LAT009

FOLLOW REST

LAT012

MILL ATTACHEMENT