

OTTO[®]

DRILLING & TAPPING

hiQ
HIGH QUALITY

ADVANCE MACHINE TOOLS

An ISO 9001 : 2015 Certified Co.

45 years
celebration



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Model
Auto (PLC+HMI)



Model
AUTOMATIC
TWIN SPINDLE



Model
MANUAL
TWIN SPINDLE

ABOUT US

The OTTO Brand Machines are the result more than of four decades of experience in the manufacturing of Capstan Lathes, Turret Lathes and SPM's. These machine are built on precision lines with material and workmanship of highest quality. All the components of these machines are manufactured in house by us on precision imported machines. 'OTTO' machines are highly efficient and are processed using engineering of highest quality.

Our aim is to provide machines with modern and latest techniques but thet to at a very competitive price. These machines are used in Sanitary , pipe Fitting ,Hardware, Automotive and many more industries.

MAIN COMPONENTS

- Close grain alloy casting for all slides and headstock.
- Precision NTN (Japan) bearings for both spindles.
- Solenoid valve, FLR, Pneumatic cylinders and Pneumatic accessory (Janatics made or equivalent).
- Electrical Panel
 - (a) 3 phase 380/415 V input supply for electric panel
 - (b) 24V DC SMPS supply for all contactors, relays, coils and proxy sensors for longer life
 - (c) All Contactors and relays are Schneider make or equivalent
 - (d) 24V DC SMPS supply for PLC + HMI (In PLC operating panel)
 - (e) Overload relay for motor protection
 - (f) MCB for panel protection

TECHNICAL PARAMETERS

Spindle Housing Diameter	80mm
Drilling Spindle Motor	3HP-1440 RPM
Tapping Spindle Motor	3HP-960 RPM
SPINDLE SPEED	
Drilling	950-1200 RPM
Tapping	530-820 RPM
Spindle Travel	110mm (Manual)
	100mm (Automatic)
Spindle Taper	ISO-40
Machine Dimensions	1000x1100x1750mm

Note: As improvements are constantly made in our machines the above specification are subject to change without prior notice and not binding on us.

FEATURES

- Suitable for Drilling & Threading in single setting.
- Main slide is flame hardened & ground.
- Pneumatic Vice For job clamping.
- Hardened & Ground spindle & housing.
- Counter meter is provided.
- Extension springs instead of coil springs.
- Rigid Machine jack for more stability and does not foul with ground.
- Maximum vice opening.
- Very Easy in job Setting.
- Seat operation can also be done in Automatic Model.
- Hydro pneumatic feed for drill spindle. Feed rate can be adjusted according to requirement (Auto Model).
- Option of doing only drilling or threading operation in Auto model (with PLC+HMI).
- Option of doing reaming operation (Instead of threading) after drilling operation in.



OTTO[®]

machines . .

**DRILLING & TAPPING
CAPSTAN & TURRET LATHE**

- ★ for Faucet Fittings
- ★ Brass Components
- ★ Pipe Fittings
- ★ Hardware
- ★ & Automotive

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Manufactures & Exporters : **Drilling & Tapping, Capstan / Turrent Lathes & SPM.**