



TSF
MACHINERIES

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BENCH MILLING & DRILLING MACHINE ZAY7045FG



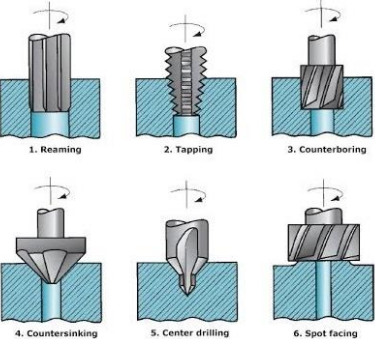
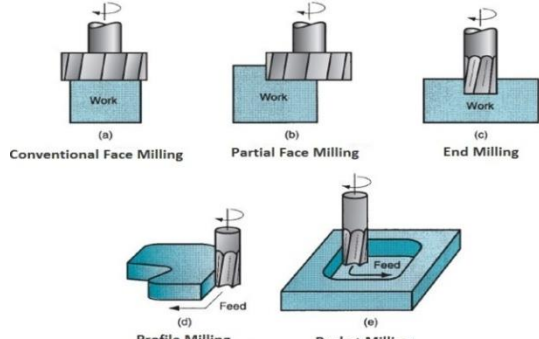
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MACHINE DESCRIPTION:

	
Drilling creates a round hole in a workpiece. A drill press or tapping machine is designed for drilling, but this process can also be performed using a milling machine	Milling operations involve using multi-point rotary cutters to remove material from a workpiece.

MACHINE FEATURES:

1. This machine may be used for surface cutting, drilling, milling and tapping.
2. This machine is of fine quality, can be operated easily, it is not limited to skilled operator.
3. The Drilling and Milling operation can be performed by two methods;
 - Hand operation, which makes slow feeding milling.
 - Worm gear feed operation, which makes slow feeding milling.
4. Many of the adjustable nuts are bronze, for adjusting thread clearance and reducing wearing.
5. These bronze parts also allow screws to rotate smoothly and improve accuracy of manufactured parts.
6. The machine head is cast iron, it has been heat-treated, stress –relieved, and precision machined.
7. Machine gears are precision ground for smooth operation.
8. Speeds can be easily changed.
9. Tapping can be done in either rotation, working depth can be controlled by using a positive stop gauge.
10. The head can be turned down in two rotation for a satisfying desired angle.



Standard Accessories

- Double end Wrench
- Al len wrench 3mm 4mm. 5mm. 6mm
- Screw driver (—) 6"
- Drill Stock
- Wedge
- Drawbar
- Drawbar washer

Optional Accessories

- Drill Chuck 16mm
- Face milling cutter $\phi 80\text{mm}$ or $\phi 63\text{mm}$
- Parallel vise 90mm or 125mm
- Mill Chuck
- Machine Standard
- End milling cutter $\phi 2 - \phi 20\text{mm}$
- Twist drill $\phi 1 - \phi 31.5\text{mm}$



TECHNICAL PARAMETERS:

BENCH MILLING & DRILLING MACHINE

Model No	: ZAY7045FG
Brand Name	: "WEIDA"
Max. Drilling Capacity	: 45 mm
Max. Face mill capacity	: 80 mm
Max. end mill capacity	: 32 mm
Max. tapping capacity	: M12
Max. spindle stroke	: 130mm
Max. distance from spindle axis to column	: 260mm
Swivel angle of headstock at perpendicular direction	: $\pm 90^\circ$
Max. distance between spindle nose to table	: 450mm
Spindle taper	: M.T.4 or R8
Working area of table	: 700mm x 240mm or 800 x 240mm
Forward and backward travel of table	: 175 mm
Left and right travel of table	: 400mm or 500mm
Spindle speeds (4P)	50Hz: 80,145,260,375,710,1250 rpm
	60Hz: 95,175,310,450,850,1500 rpm
Motor	: 1.5kW (2HP)
Length	: 820mm
Width	: 1060mm or 1160mm
Overall height (without stand)	: 1020mm
Net weight / Gross weight	: 325kg / 375kg
Brand new	: China