

Supreme  
**Itco**

**DRILLING  
MACHINE**

Capacity 18mm



Accuracy  
as per  
**IS-2425**







# DRILLING MACHINE

HEAVY DUTY

CAPACITY IN STEEL 18mm

CAPACITY IN CAST IRON 20mm

## CONSTRUCTIONAL DETAILS

- HEAD :** Made from close-grained cast iron, accurately machined to ensure perfect parallelism between the column and spindle the quill carrying spindle is precisely ground to slide in precisely honed bore.
- SPINDLE :** The spindle is made from alloy steel accurately machined and ground supported in precision ground alloy steel quill carrying two taper roller bearings spindle is 4 splined which drive through broached sleeve, properly balanced spindle pulley is mounted on ball bearings with bracket support absorbing V-Belt load.
- COLUMN :** Heavy Section seamless steel tube ensure rigidity and resists deflection it is precision ground.
- TABLE :** Accurately machined for precision work square table with T-slots

## SALIENT FEATURES

- \* Main Spindle made from alloy steel with four splines as per machine tools spline standard.
- \* Spindle MT bore accuracy 20 to 30 microns
- \* All moving parts are accurately machined & ground.

## TECHNICAL SPECIFICATIONS

SR. No.	PARTICULARS	SIZE
1.	Drilling Capacity in Steel	18 mm
2.	Drilling Capacity in Cast Iron	20 mm
3.	Spindle Travel	112 mm
4.	Morse Taper in spindle	MT-2
5.	Distance Column to Centre of Spindle	150 mm
6.	Max Distance Spindle to Table	480 mm
7.	Max Distance Spindle to Base	685 mm
8.	Column Length (Dia 57.50 mm)	47 mm
9.	Table working surface	240x240mm
10.	Base working surface	210x210mm
11.	Spindle Speed (Four) with 1440 rpm motor 1HP	510-920-1590-2850
12.	V-Belt	A-38
13.	Approx. Weight	75 Kg.

**On Order :- Spindle Hardened & Ground : Pillar Hard Chrome & Ground**

**Standard Accessories :** Spare Pulley for motor

**Extra Equipment :** Motor, Starter, Drill Chuck, V-Belt