

# HEAVY DUTY GEAR HEAD DRILLING MACHINE

IN CONFORMITY WITH **CE** REGULATION

MODEL : BMT-700S/700C- SQUARE/CROSS TABLE, LOW SPEEDS

## SPECIFICATIONS:

DRILLING CAPACITY :	φ 65MM / φ 50MM (CAST IRON/MILD STEEL)
TAPPING CAPACITY :	φ 33MM
FACE MILL CAPACITY:	φ 100MM (C MODEL)
END MILL CAPACITY :	φ 25MM (C MODEL)
SWING :	700MM
SPINDLE TAPER :	MT4
SPINDLE TRAVEL :	200MM (107MM AUTO. DOWNFEED)
SPINDLE SPEEDS :	60HZ: 60-1810rpm (BMT700S/C) 50HZ: 50-1510rpm 60HZ/50HZ: 100-3000rpm (BMT700HS/HC)
QUILL DIA. :	φ 100MM
AUTOMATIC QUILL FEEDS :	4 STEPS, 0.1mm 0.2mm 0.3mm 0.4mm PER REV.
COLUMN DIA. :	φ 180MM
TABLE SIZE :	SQUARE TABLE : 600x600MM CROSS TABLE : 240x820MM
TABLE SLOT :	22MM(S) 16MM(C)
BASE SIZE :	580x1000MM
SPINDLE NOSE TO TABLE (MAX.) :	713.5MM(S) 690MM(C)
SPINDLE NOSE TO BASE (MAX.) :	1300MM
MOTOR :	4HP( 3 KW)
N.W. :	750kgs(S)/775kgs(C)
SHIPPING MEASUREMENT :	1.2x1.14x2.21M <sup>3</sup> (C) 1.16x0.76x2.21M <sup>3</sup> (S)

## FEATURES:

1. Heavy duty gear driven headstock.
2. Oil-bathed headstock ensures gears well lubricated.
3. Quill dia. 100mm, rigid for drilling and milling.
4. Spindle fitted with taper roller bearing for high axial thrust capacity.
5. Safety clutch mechanism for the protection of overload.
6. 4 steps automatic feeding.
7. Rigid & robust column of 160mm dia. .
8. Manual spindle feed with micro-adjustment.
9. Coolant tank is built in the machine base.



CROSS TABLE

**BMT-700S**