

Thäkoor

High Performance Technology for Precision Drilling & Tapping

High Performance

Drilling Machines
from Ø0.2 mm to Ø45 mm

Tapping Machines
from M-1 to M-42

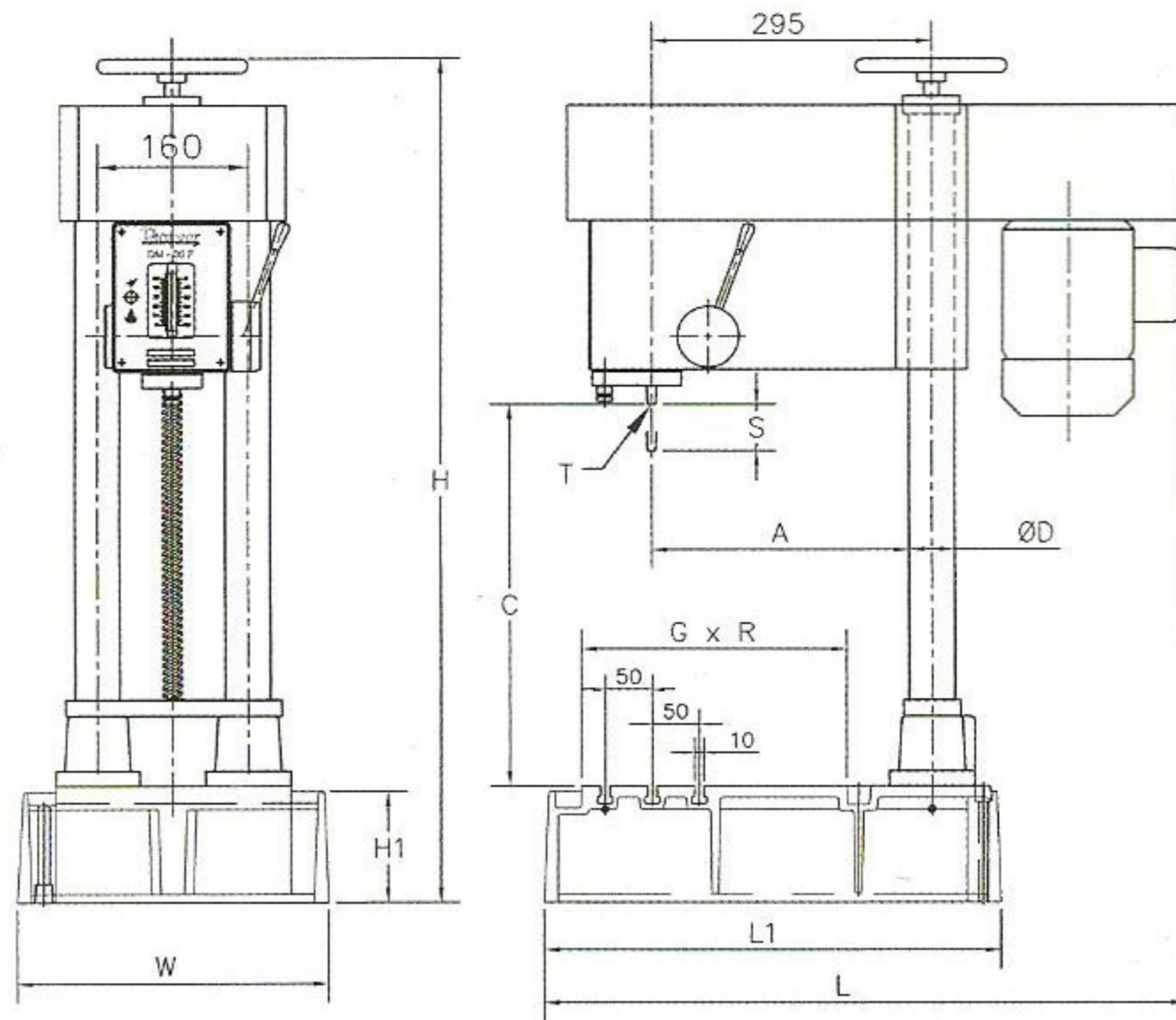
Drilling & Tapping Machines

**Double Column Series
Single Column Series**

Proven Service
in all types of Industry
under Highly demanding conditions.

General Engineering,
Automotive and Ancillary Industry,
Training and Educational Institutes



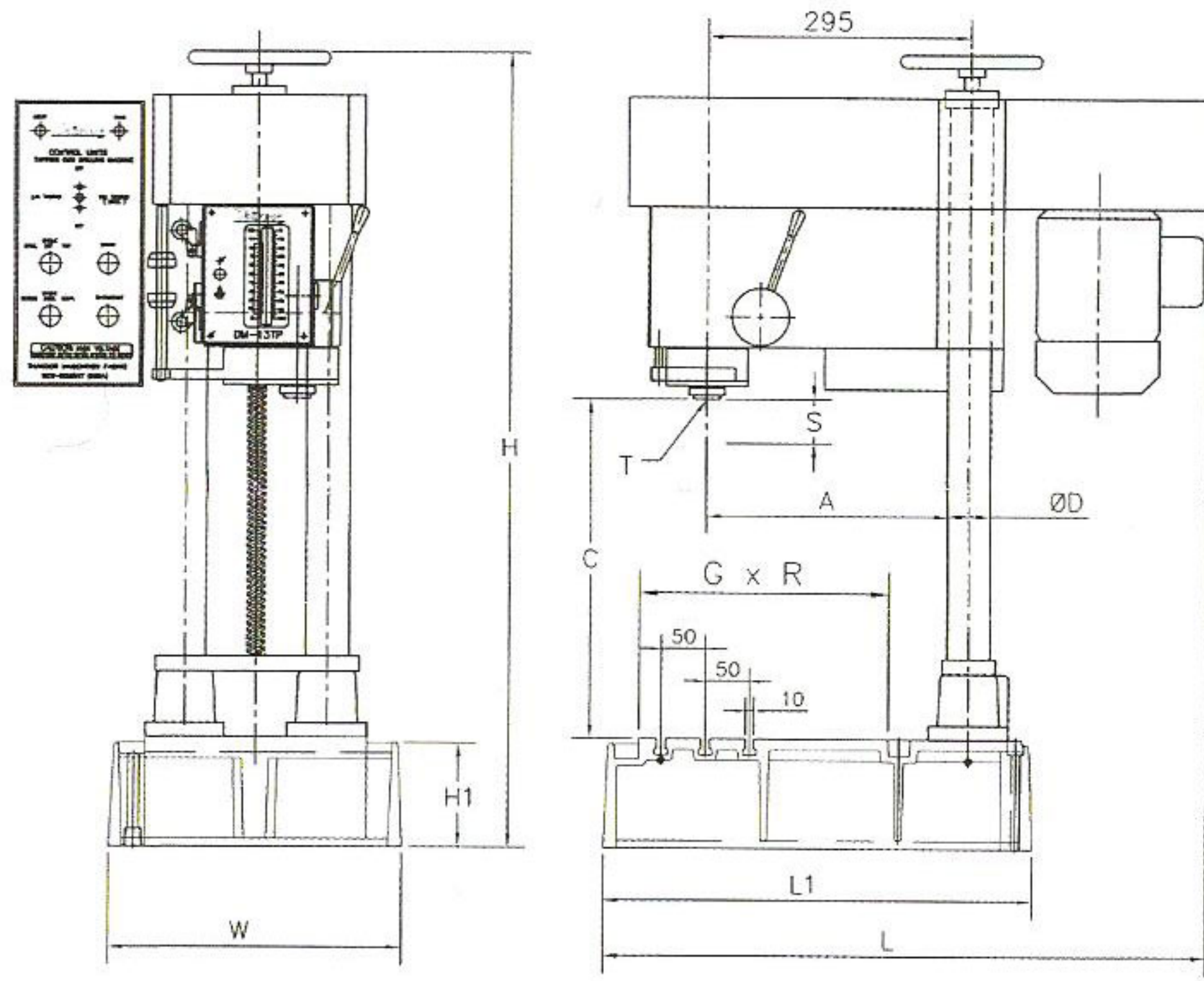


Technical Data

MOST INNOVATIVE AND VERSATILE DESIGN IN PRECISION DRILLING AND TAPPING - CUM - DRILLING MACHINES

| Model No. | DM-06-V | DM-06-F | DM-13HS-F | DM-25HS-F | DM-08-F |
|--|-----------------|--------------------------|---------------------|-------------------|--------------------|
| Drilling Capacity (steel(60kg./sq.mm)/cast Iron) | Ø3 / Ø4 | Ø6 / Ø8 | Ø 10 / Ø 12 | Ø 25 / Ø 28 | Ø 8 / Ø 10 |
| Tapping capacity (steel(60kg./sq.mm)/cast Iron) | ..... |  |  |  |  |
| Minimum size of Drilling - Tapping Operation | Ø 0.2 | Ø 0.5 | Ø 1.0 | | |
| Spindle | | | | | |
| Spindle Nose Taper (normal) (T) | ER-11 (Collet) | JT-1 (Male) | MT-1 (Female) | MT-3 (Female) | MT-1 (Female) |
| Spindle Nose Taper (optional) (T) | | ER-11(Collet) | ER-16(Collet) | Er-25 (Female) | |
| Spindle Stroke (S) | 50 | 50 | 100 | 125 | 65 |
| Spindle Speeds | Infinitely | 16 | 8 | 8 | 8 |
| Spindle Speed Range - (I Speed) | 710 ~ 25,000 | 250-355-560-900 | 630-1500-2250-4000 | 100-160-280-500 | 280-355-71-100 |
| (I Speed) | | 2240-3150-5600-8000 | 1250-3000-4500-8000 | 630-100-1800-3150 | 200-3150-5600-7500 |
| | | 500-710-1120-1800 | | | |
| | | 4500-6300-11200-16000 | | | |
| Spindle Feeding | Manual | Manual | Manual | Manual | Manual |
| Spindle Axis to column Face (throat) (A) | 270 | 270 | 270 | 265 | 170 |
| Spindle Axis to column Axis | 295 | 295 | 295 | 295 | 190 |
| Spindle Nose to Base Plate (min./ max)(C) | 85 / 210 | 85 / 210 | 125 / 370 | 150 / 500 | 100 / 200 |
| Cloumn Diameter (O.D.) (D) | 48 | 48 | 48 | 73 | 40 |
| Clamping Area on Base Plate (Q x R) | 250x280 | 250 x 280 | 250 x 280 | 320 x 350 | 280 x 370 |
| T Slots on Base Plate (Size / Pitch / Nos.) | 10 / 50 / 3 | 10 / 50 / 3 | 10 / 50 / 3 | 14 / 160 / 2 | 10 / 100 / 2 |
| Motor(3 Phase) (KW/HP) | 0.37/ 0.5 | 0.25 - 0.33 - 0.37 / 0.5 | 0.60/0.80-0.8/1.1 | 0.1 / 1.5 | 0.37 / 05 |
| Motor RPM | 3000 | 1500 / 3000 (2 Speed) | 1000 (Rev.) | 1500 | 1500 |
| Electric Supply | 415V,3Ph,50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz |
| Control Voltage | 220V,1Ph,50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz |
| Overall size of Base Plate (W x L1 X H1) | 350 x 520 x 125 | 350 x 520 x 125 | 350 x 470 x 125 | 350 x 520 x 125 | 280 x 370 x 65 |
| Belt Type | Flat | Flat | Flat | V Belt | Flat |
| Overall size of Machine (W x L X H) | 320 x 705 x 695 | 320 x 705 x 695 | 320 x 705 x 895 | 320 x 740 x 1150 | 280 x 580 x 620 |
| Machine Weight in Kgs. | 105 | 105 | 105 | 105 | 820 |

* Indicates optional Feature, At Extra cast

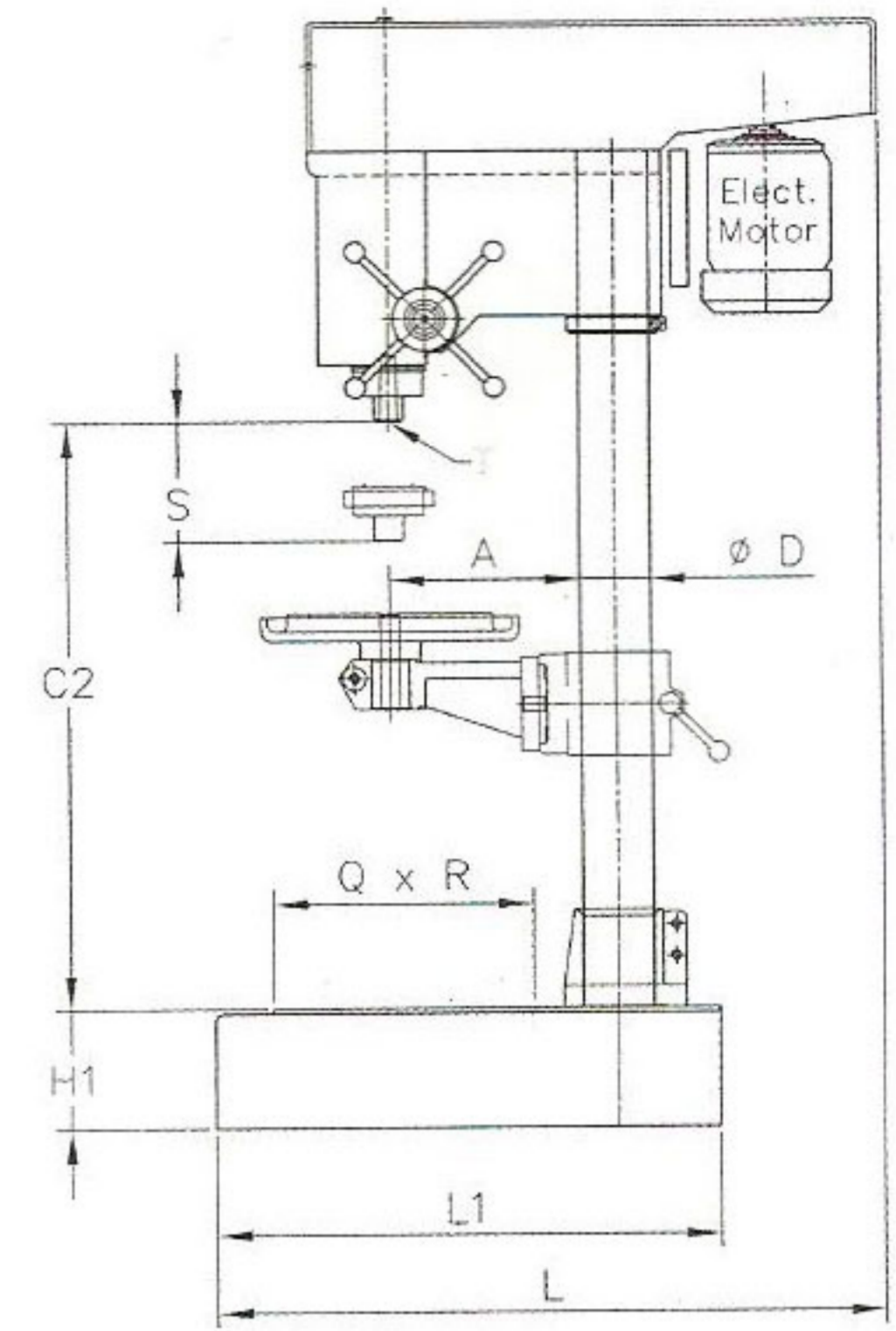
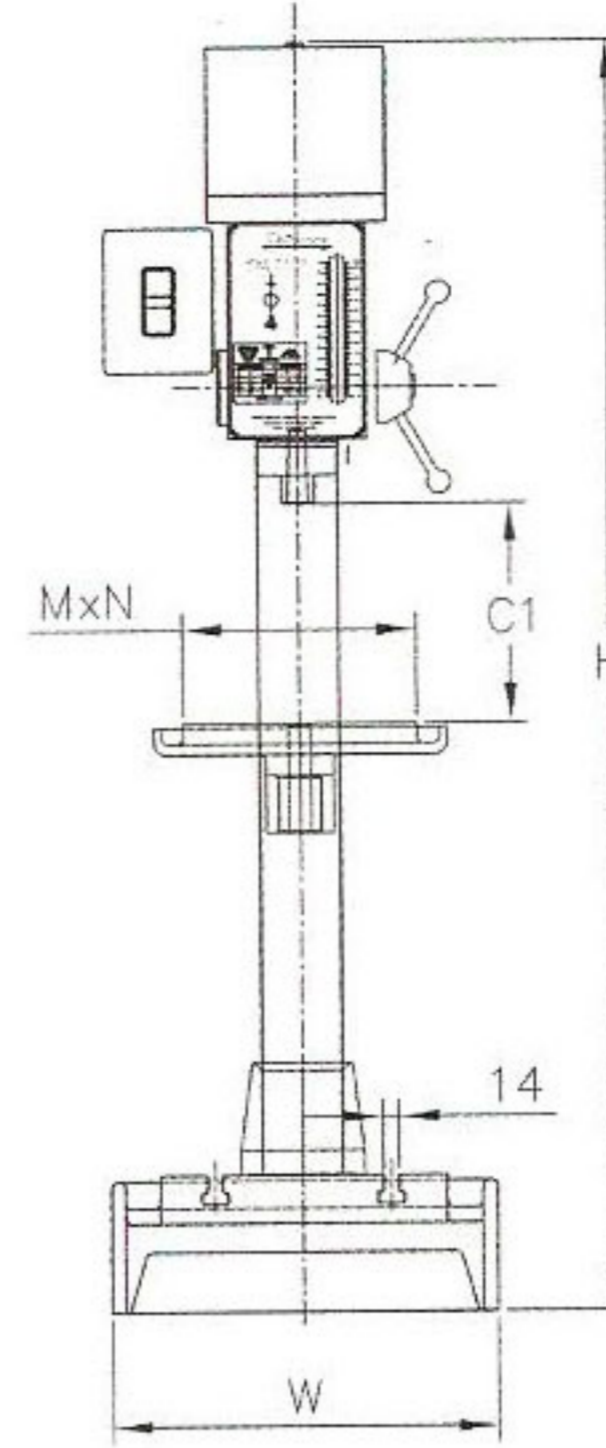
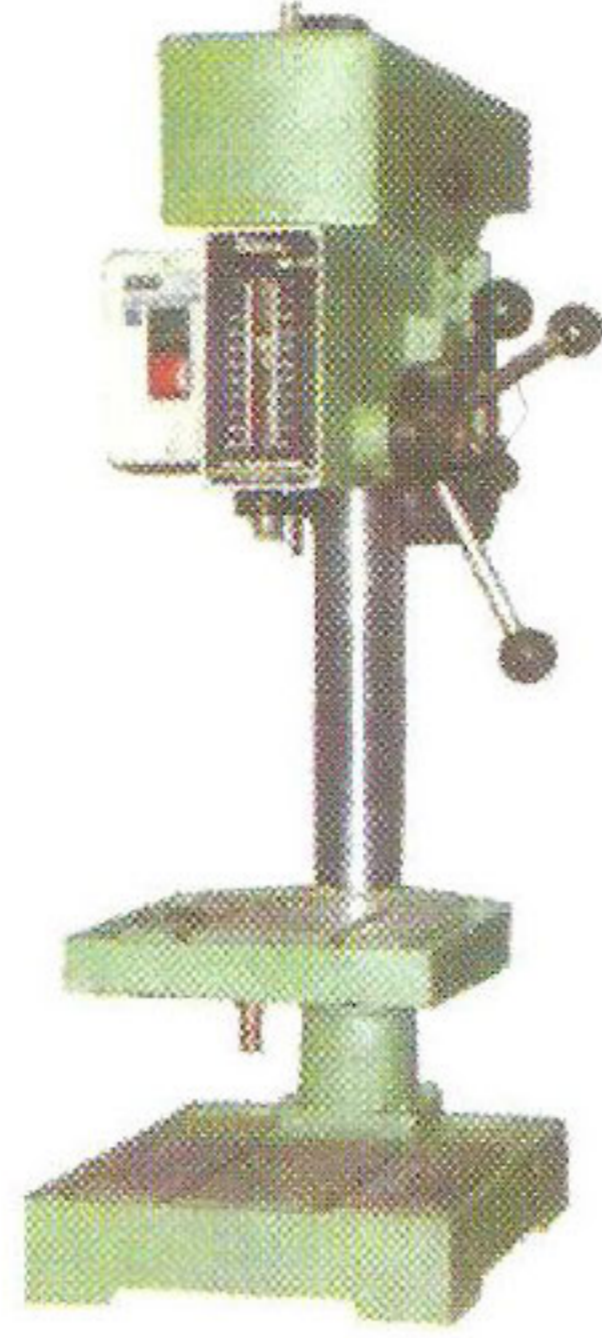
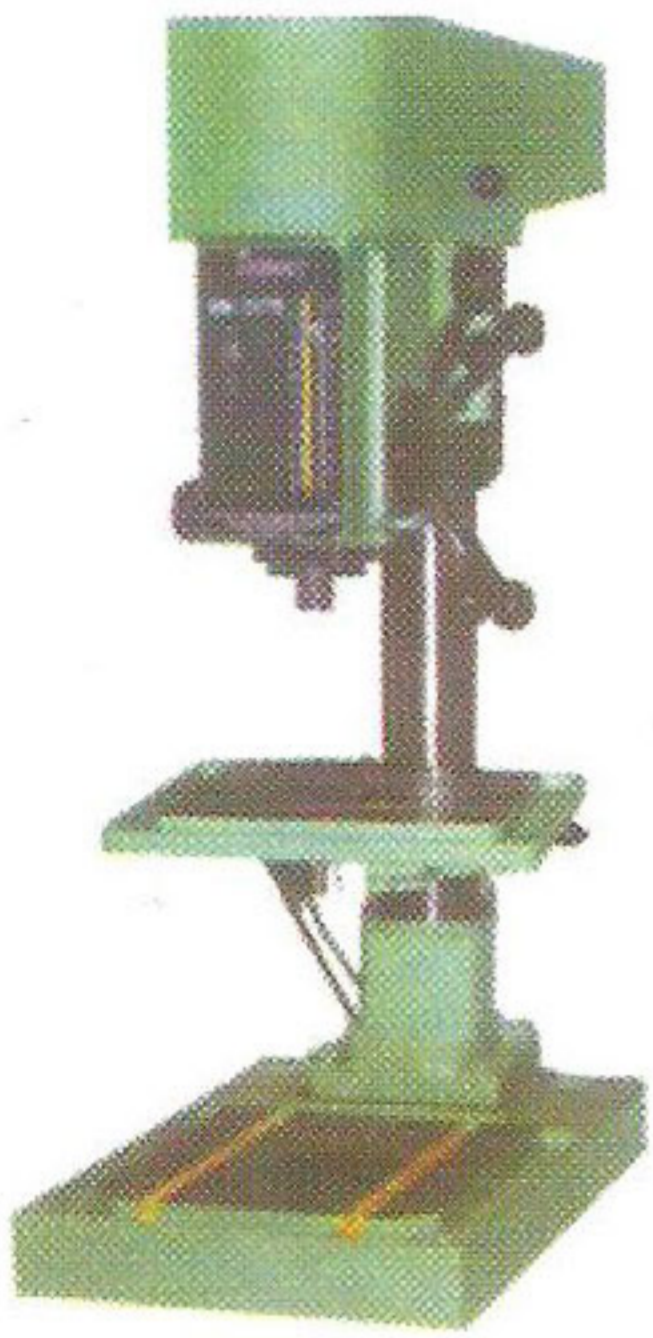


Technical Data

MOST INNOVATIVE AND VERSATILE DESIGN IN PRECISION DRILLING AND TAPPING - CUM - DRILLING MACHINES

| Model No. | DM-06TP-F | DM-13TP-F | DM-13TD-F | DM-04TP-F | DM-08TP-F |
|--|-------------------|-------------------|-------------------|---------------------|--------------------|
| Drilling Capacity (steel(60kg./sq.mm)/cast Iron) | | | Ø 13 / Ø 15 | | |
| Tapping capacity (steel(60kg./sq.mm)/cast Iron) | M5 / M6 | M8 / M10 | M8 / M10 | M4 / M5 | M8 / M10 |
| Minimum size of Drilling - Tapping Operation | M - 1.0 | M 4 | M 4 | M 2 | M 4 |
| Spindle | | | | | |
| Spindle Nose Taper (normal) (T) | MT-1 (Female) | MT-1 (Female) | MT-1 (Female) | MT-1 (Female) | MT-1 (Female) |
| Spindle Nose Taper (optional) (T) | | | | | |
| Spindle Stroke (S) | 50 | 100 | 100 | 50 | 65 |
| Spindle Speeds | 4 | 4 | 4 | 4 | 4 |
| Spindle Speed Range - (I Speed) | 400-900-1400-2500 | 355-630-1120-2000 | 355-630-1120-2000 | 180-224-400-630 | 355-630-1120-2000 |
| (I Speed) | | | | 1250-1800-3500-4500 | 200-3150-5600-7500 |
| Spindle Feeding | Lead Screw | Lead Screw | Manual | Lead Screw | Lead Screw |
| Spindle Axis to column Face (throat) (A) | 270 | 270 | 270 | 170 | 170 |
| Spindle Axis to column Axis | 295 | 295 | 295 | 190 | 190 |
| Spindle Nose to Base Plate (min./ max)(C) | 100 / 345 | 100 / 345 | 125 / 370 | 135 / 325 | 135 / 325 |
| Cloumn Diameter (O.D.) (D) | 48 | 48 | 48 | 40 | 40 |
| Clamping Area on Base Plate (Q x R) | 250x280 | 250 x 280 | 250 x 280 | 280 x 370 | 280 x 370 |
| T Slots on Base Plate (Size / Pitch / Nos.) | 10 / 50 / 3 | 10 / 50 / 3 | 10 / 50 / 3 | 10 / 100 / 2 | 10 / 100 / 2 |
| Motor(3 Phase) (KW/HP) | 0.37/ 0.5 | 0.37 / 0.5 | 0.37 / 0.5 | 0.37 / 0.5 | 0.37 / 0.5 |
| Motor RPM | 1000(Rev.) | 1000 (Rev.) | 1000 (Rev.) | 1000 (Rev.) | 1000 (Rev.) |
| Electric Supply | 415V,3Ph,50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz |
| Control Voltage | 220V,1Ph,50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz |
| Overall size of Base Plate (W x L1 X H1) | 350 x 520 x 125 | 350 x 470 x 125 | 350 x 470 x 125 | 280 x 370 x 65 | 280 x 370 x 65 |
| Belt Type | Flat | V Belt | V Belt | Flat | V Belt |
| Overall size of Machine (W x L X H) | 320 x 705 x 895 | 320 x 705 x 895 | 320 x 705 x 895 | 280 x 580 x 770 | 280 x 580 x 770 |
| Machine Weight in Kgs. | 105 | 110 | 110 | 82 | 82 |

* Indicates optional Feature, At Extra cast

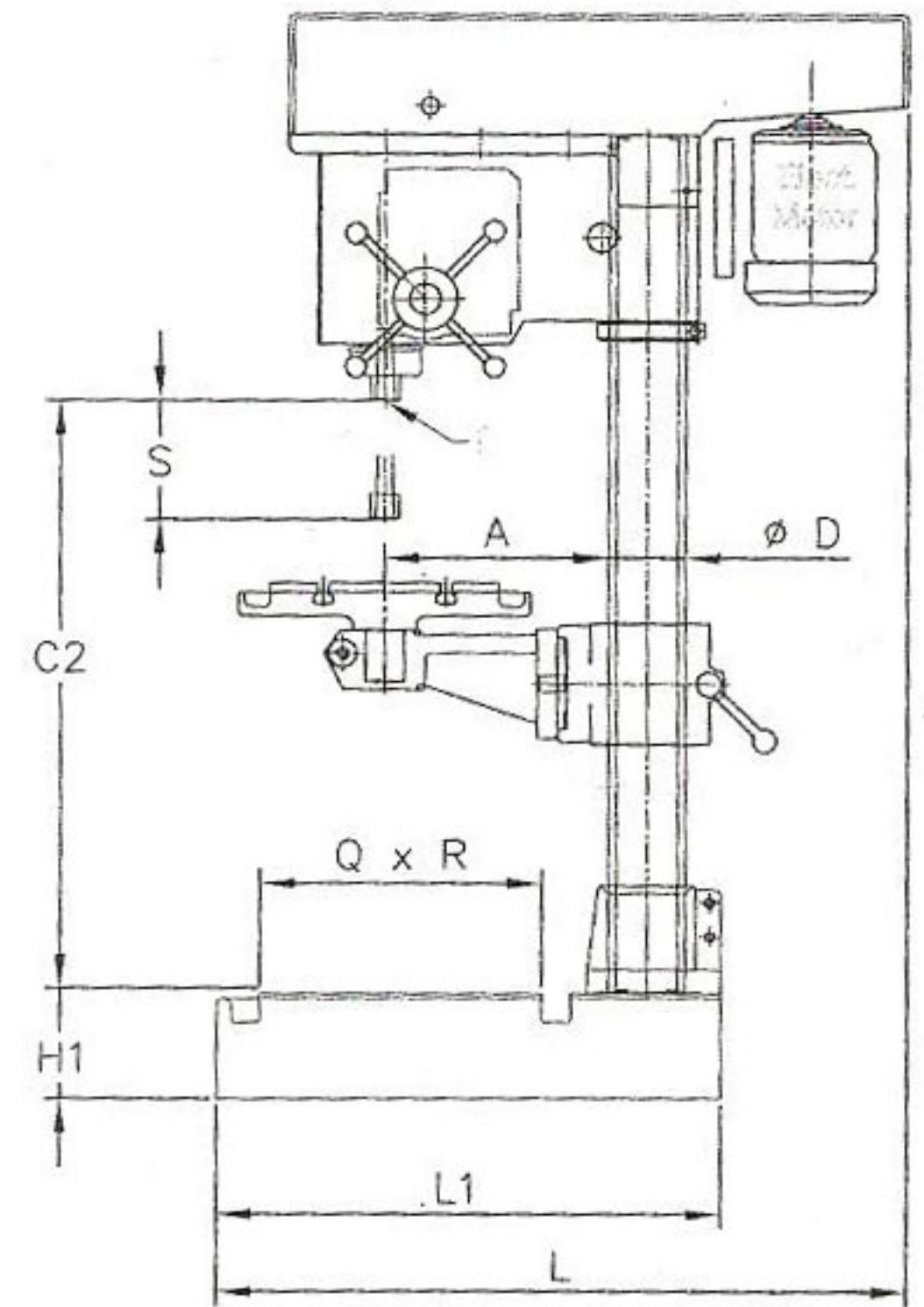
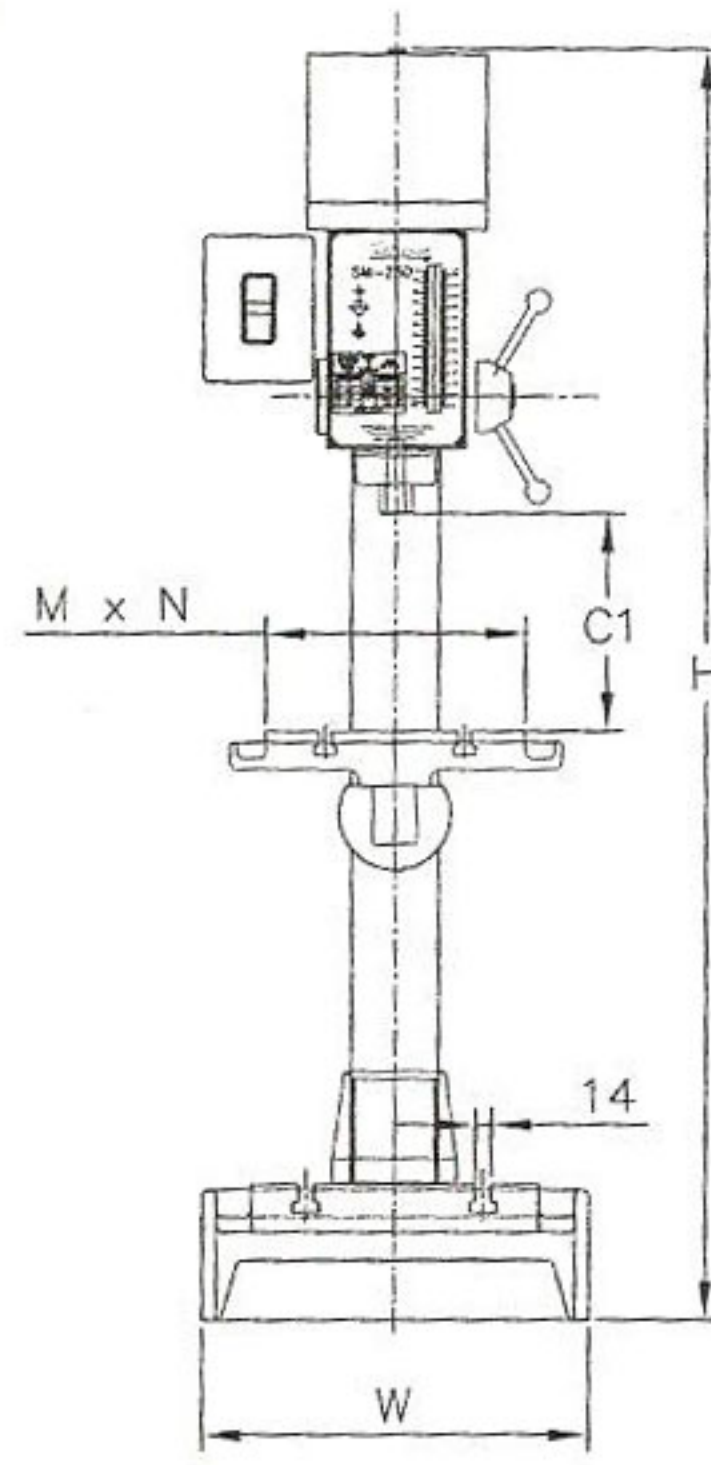


Technical Data

MOST INNOVATE AND VERSATILE DESIGN IN PRECISION DRILLING AND TAPPING-CUM-DRILING MACHINE

| Model No. | SM-13D-B/P | SM-13TD-B/P | SM-15D-B/P | SM-15TD-B/P | SM-20DB-B/P | SM-20TD-B/P | SM-20TD-B/P |
|--|-------------------|-------------------|--------------------|-------------------|--------------------|-------------------|-------------------|
| Drilling Capacity (steel (60kg./sq.mm)/cast Iron) | Ø 13 / Ø 15 | Ø 13 / Ø 15 | Ø 15 / Ø 18 | Ø 15 / Ø 18 | Ø 20 / Ø 25 | Ø 20 / Ø 25 | Ø 20 / Ø 25 |
| Tapping capacity (steel (60kg./sq.mm)/cast Iron ) | ..... | M8 / M10 | ..... | M8 / M10 | ..... | M12 / M14 | M12 / M14 |
| Minimum size of tapping Operation | ..... | M4 | ..... | M4 | ..... | M4 | M4 |
| Spindle | | | | | | | |
| Spindle Nose Taper (T) | JT-6 (Male) | MT-1 (Female) | MT-2 (Female) | MT-2 (Female) | MT-2 (Female) | MT-2 (Female) | MT-2 (Female) |
| Spindle Stroke (S) | 100 | 100 | 125 | 125 | 125 | 125 | 125 |
| Nos.of Spindle Speeds | 4 | 4 | 4 | 4 | 8 | 8 | 8 |
| Speed Range(std.) Without Back Gear | 560-710-1120-1600 | 355-500-710-1000 | 560-1000-1800-3150 | 355-650-1150-2000 | 560-1000-1800-3150 | 355-630-1120-2000 | 355-630-1120-2000 |
| Speed Range (std) with Back Gear | ..... | ..... | ..... | ..... | 80-160-280-450 | 56-100-180-280 | 56-100-180-280 |
| Speed Range(High) without Back Gear (2 Speed Motor)* | ..... | ..... | ..... | ..... | 560-6250 | | |
| Spindle Feed | Manual | Manual | Manual | Manual | Manual | Manual | Lead Screw |
| Spindle Axis to column Face (throat) (A) | 154 | 154 | 195 | 195 | 195 | 195 | 195 |
| Spindle Nose to work Table (min./ max) - B / P (C1) | 0 / 360 - 0 / 660 | 0 / 360 - 0 / 660 | 0 / 300 - 0 / 700 | 0 / 300 - 0 / 700 | 0 / 300 - 0 / 700 | 0 / 300 - 0 / 700 | 0 / 300 - 0 / 700 |
| Spindle Nose to Base Plate (min./ max) - B / P (C2) | 120/480-120/780 | 120/480-120/780 | 200/600-350/1000 | 200/600-350/1000 | 200/600-350/1000 | 200/600-350/1000 | 200/600-350/1000 |
| Cloumn Diameter (O.D.) (D) | 60 | 60 | 73 | 73 | 73 | 73 | 73 |
| Clamping Area on work Table (M x N) | 180 x 200 | 180 x 200 | 220 x 220 | 220 x 220 | 220 x 220 | 220 x 220 | 220 x 220 |
| Clamping Area on Base Plate (Q x R) | 230 x 230 | 230 x 230 | 270 x 290 | 270 x 290 | 270 x 290 | 270 x 290 | 270 x 290 |
| T Slots on Work Table (Size / Pitch / Nos.) | 12 / 100 / 2 | 12 / 100 / 2 | 12 / 115 / 2 | 12 / 115 / 2 | 12 / 115 / 2 | 12 / 115 / 2 | 12 / 115 / 2 |
| T Slots Base Plate (Size / Pitch / Nos.) | 0.37 / 0.5 | 0.37 / 0.5 | 0.37 / 0.5 | 0.37 / 0.5 | 0.55 / 0.75 | 0.55 / 0.75 | 0.55 / 0.75 |
| Motor 3Ph. TEFC (KW / HP) | 1500 | 1000 | 1500 | 1000 | 1500 | 1500 | 1500 |
| Motor RPM | | | | | | | |
| Electrical Supply | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz |
| Control Voltage | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz |
| Overall size of Base Plate (B) (W x L1 x H1) | 280 x 370 x 65 | 280 x 370 x 65 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 |
| Overall size of Base Plate (P) (W x L1 x H1) | 300 x 400 x 85 | 300 x 400 x 85 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 |
| Belt Type | V Belt | V Belt | V Belt | V Belt | V Belt | V Belt | V Belt |
| Overall size of Machine - B (W x L x H) | 280 x 575 x 900 | 280 x 575 x 900 | 350 x 700 x 1135 | 350 x 700 x 1135 | 350 x 700 x 1135 | 350 x 700 x 1135 | 350 x 700 x 1135 |
| Overall size of Machine - P (W x L x H) | 300 x 600 x 1200 | 300 x 600 x 1200 | 350 x 700 x 1135 | 350 x 700 x 1135 | 350 x 700 x 1135 | 350 x 700 x 1135 | 350 x 700 x 1135 |
| Machine Weight in Kgs. (B / P) | 52 / 70 | 52 / 70 | 130 / 140 | 130 / 140 | 130 / 140 | 130 / 140 | 130 / 140 |

B For Bench Model, P For Piller Model

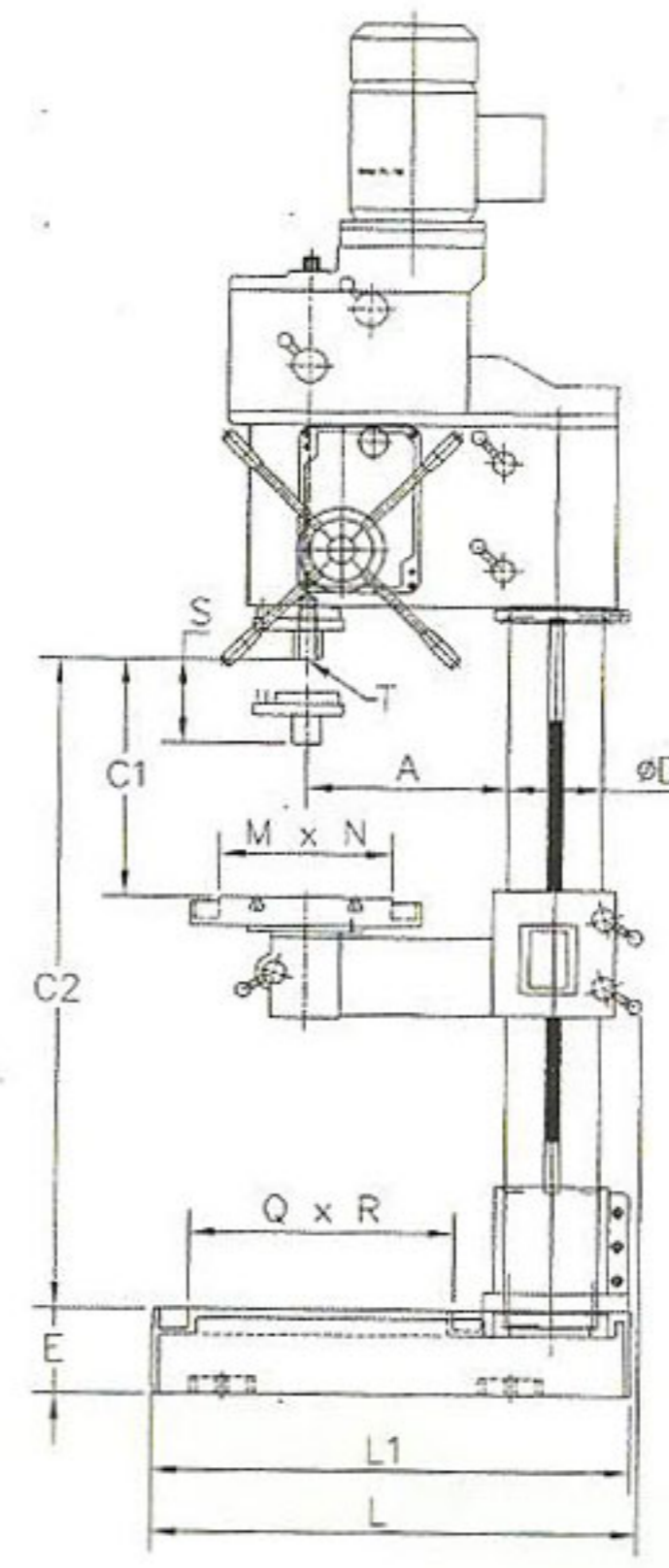
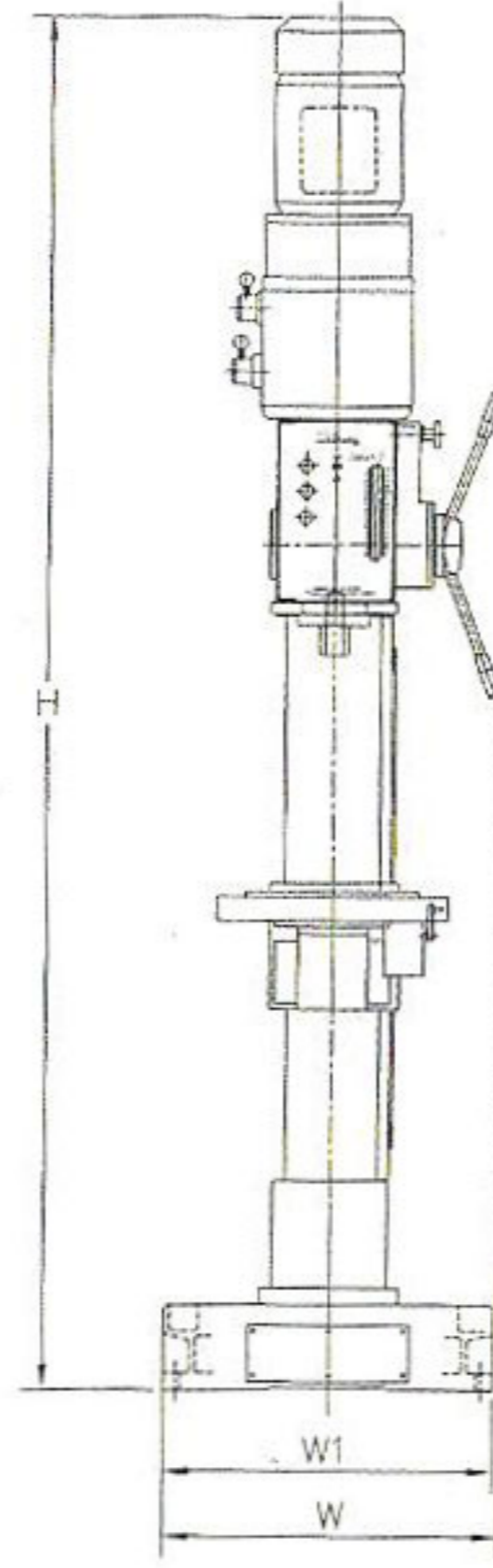


Technical Data

MOST INNOVATE AND VERSATILE DESIGN IN PRECISION DRILLING AND TAPPING-CUM-DRILING MACHINE

| Model No. | SM-25D-B/P | SM-25TD-B/P | SM-25TP-B/P | SM-23DA-B/P | SM-23TDE-B/P |
|--|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| Drilling Capacity (steel (60kg./sq.mm) / cast Iron) | Ø25 / Ø 28 | Ø25 / Ø 28 | ..... | Ø25 / Ø 28 | Ø25 / Ø 28 |
| Tapping capacity (steel (60kg./sq.mm) / cast Iron ) | ..... | M18 / M20 | M18 / M20 | ..... | M18 / M20 |
| Minimum size of tapping Operation | ..... | M5 | M5 | ..... | M5 |
| Spindle | | | | | |
| Spindle Nose Taper (T) | MT-3 (Female) | MT-3 (Female) | MT-3 (Female) | MT-3 (Female) | MT-3 (Female) |
| Spindle Stroke (S) | 150 | 150 | 150 | 125 | 125 |
| Spindle Speeds | 8 | 8 | 8 | 8 | 8 |
| Speed Range (std.) Without Back Gear | 630-1000-1800-3150 | 400-710-1120-2000 | 400-710-1120-2000 | 630-1000-1800-3150 | 400-710-1120-2000 |
| Speed Range (Optional) with Back Gear | 100-160-280-500 | 64-100-180-280 | 64-100-180-280 | 100-160-280-500 | 64-100-180-280 |
| Spindle Feed | Manual | Manual | Lead Screw | Auto + Manual | Auto + Manual |
| Nos. of Autofeeds | ..... | ..... | ..... | 2 | 2 |
| Rate of Autofeeds (mm / rev) | ..... | ..... | ..... | 0.1 / 0.2 | 0.1 / 0.2 |
| Auto Feed Engagement (std) | ..... | ..... | ..... | Electro-magnetic clutch | Electro-magnetic clutch |
| Auto Feed Engagement (optional) | ..... | ..... | ..... | Mechanical clutch | ..... |
| Spindle Axis to column Face (throat) (A) | 250 | 250 | 250 | 230 | 230 |
| Spindle Nose to work Table (min./ max) - B / P (C1) | 0 / 305 - 0 / 900 | 0 / 305 - 0 / 900 | 0 / 305 - 0 / 900 | 0 / 305 - 0 / 900 | 0 / 305 - 0 / 900 |
| Spindle Nose to Base Plate (min./ max) - B / P (C2) | 200 / 600 - 450 / 1200 | 200 / 600 - 450 / 1200 | 200 / 600 - 450 / 1200 | 200 / 600 - 450 / 1200 | 200 / 600 - 450 / 1200 |
| Cloumn Diameter (O.D.) (D) | 80 | 80 | 80 | 80 | 80 |
| Clamping Area on work Table (M x N) | 235 x 235 | 235 x 235 | 235 x 235 | 235 x 235 | 235 x 235 |
| Clamping Area on Base Plate - B / P (Q x R) | 270 / 290 - 300 x 330 | 270 / 290 - 300 x 330 | 270 / 290 - 300 x 330 | 270 / 290 - 300 x 330 | 270 / 290 - 300 x 330 |
| T Slots on Work Table (Size / Pitch / Nos.) | 12 / 115 / 2 | 12 / 115 / 2 | 12 / 115 / 2 | 12 / 115 / 2 | 12 / 115 / 2 |
| T Slots on Base Plate (Size / Pitch / Nos.) | 14 / 160 / 2 | 14 / 160 / 2 | 14 / 160 / 2 | 14 / 160 / 2 | 14 / 160 / 2 |
| Motor 3Ph. TEFC (KW / HP) | 0.75 / 1.0 | 0.75 / 1.0 | 0.75 / 1.0 | 1.1 / 1.5 | 0.75 / 1.0 |
| Motor RPM | 1500 | 1000 (Rev.) | 1000 (Rev.) | 1500 | 1000 (Rev.) |
| Electrical Supply | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz | 415V, 3Ph, 50Hz |
| Control Voltage | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz | 220V, 1Ph, 50Hz |
| Overall size of Base Plate - B (W x L1 x H1) | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 | 350 x 520 x 110 |
| Overall size of Base Plate - P (W x L1 x H1) | 380 x 560 x 125 | 380 x 560 x 125 | 380 x 560 x 125 | 380 x 560 x 125 | 380 x 560 x 125 |
| Belt | V Belt | V Belt | V Belt | V Belt | V Belt |
| Overall size of Machine - B (W x L x H) | 350 x 700 x 1150 | 350 x 700 x 1150 | 350 x 700 x 1150 | 350 x 700 x 1150 | 350 x 700 x 1150 |
| Overall size of Machine - P (W x L x H) | 380 x 710 x 1750 | 380 x 710 x 1750 | 380 x 710 x 1750 | 380 x 710 x 1750 | 380 x 710 x 1750 |
| Machine Weight in Kgs.- B / P | 140 / 150 | 140 / 150 | 140 / 150 | 150 / 160 | 150 / 160 |

B For Bench Model, P For Piller Model

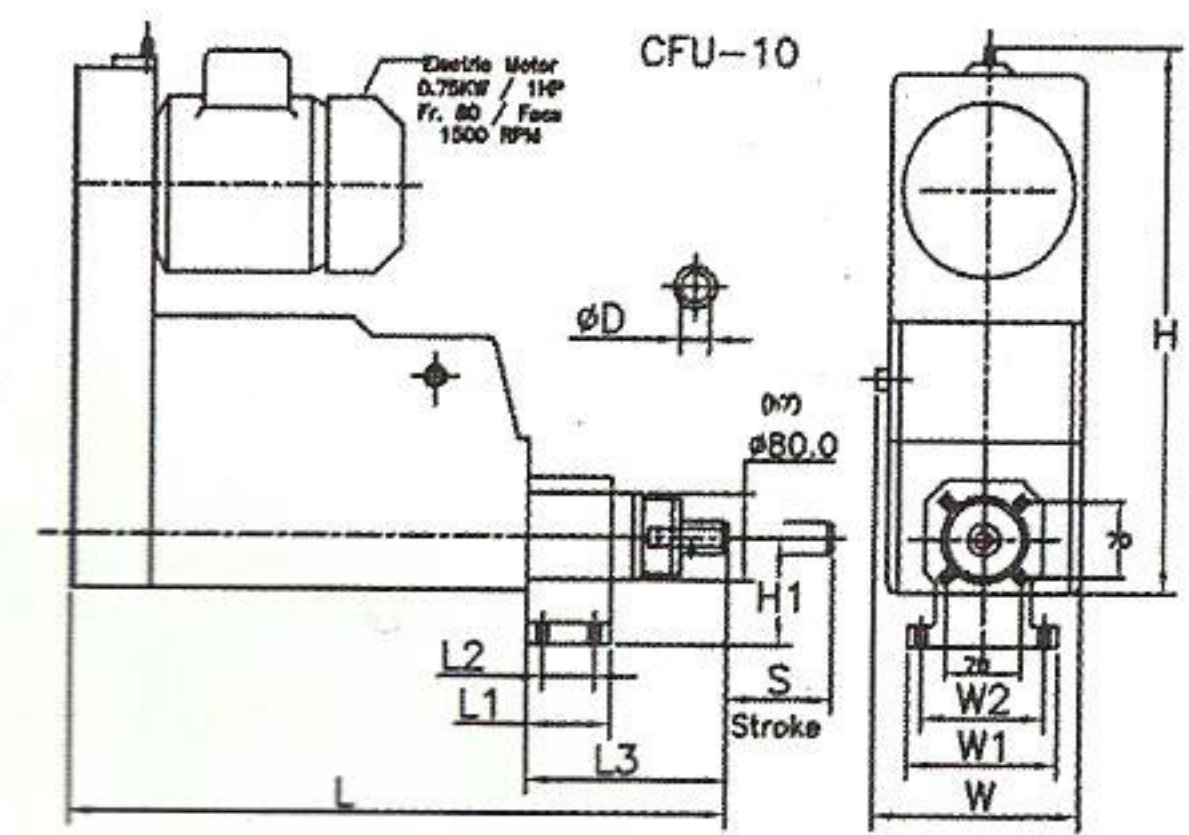
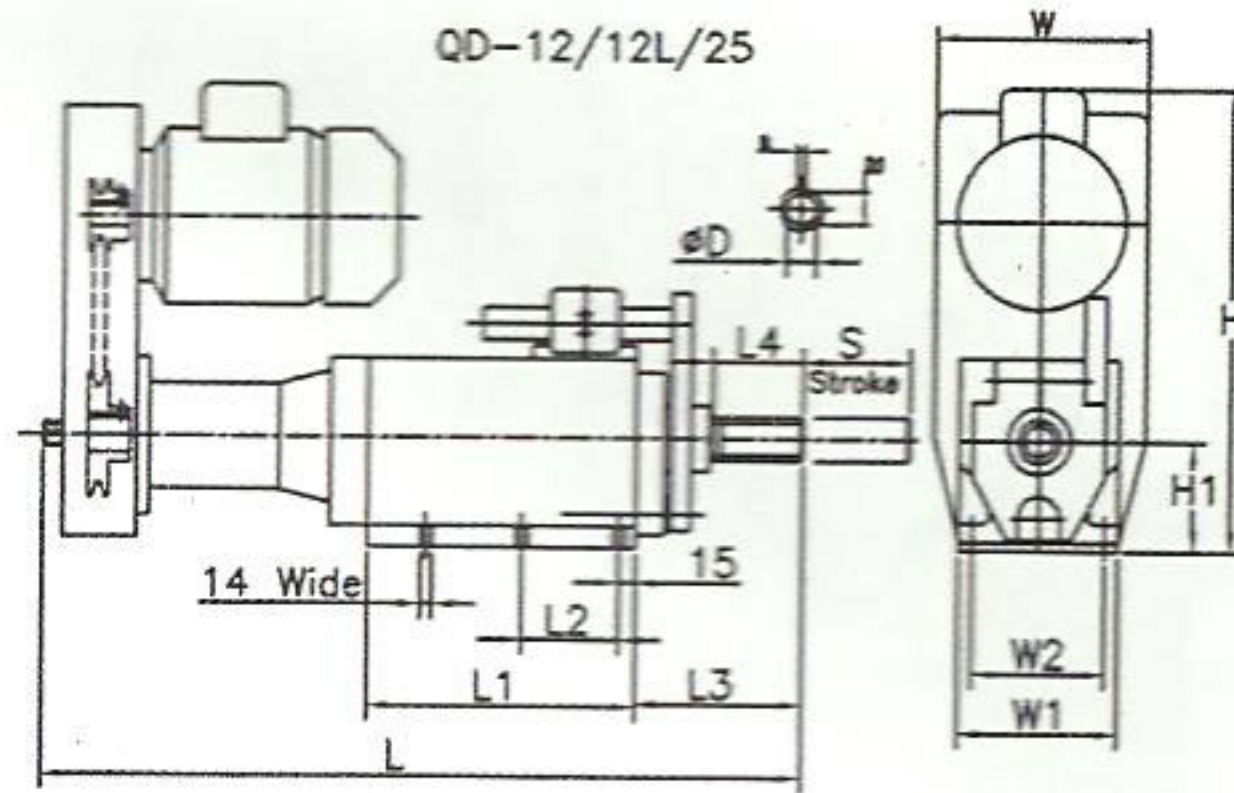
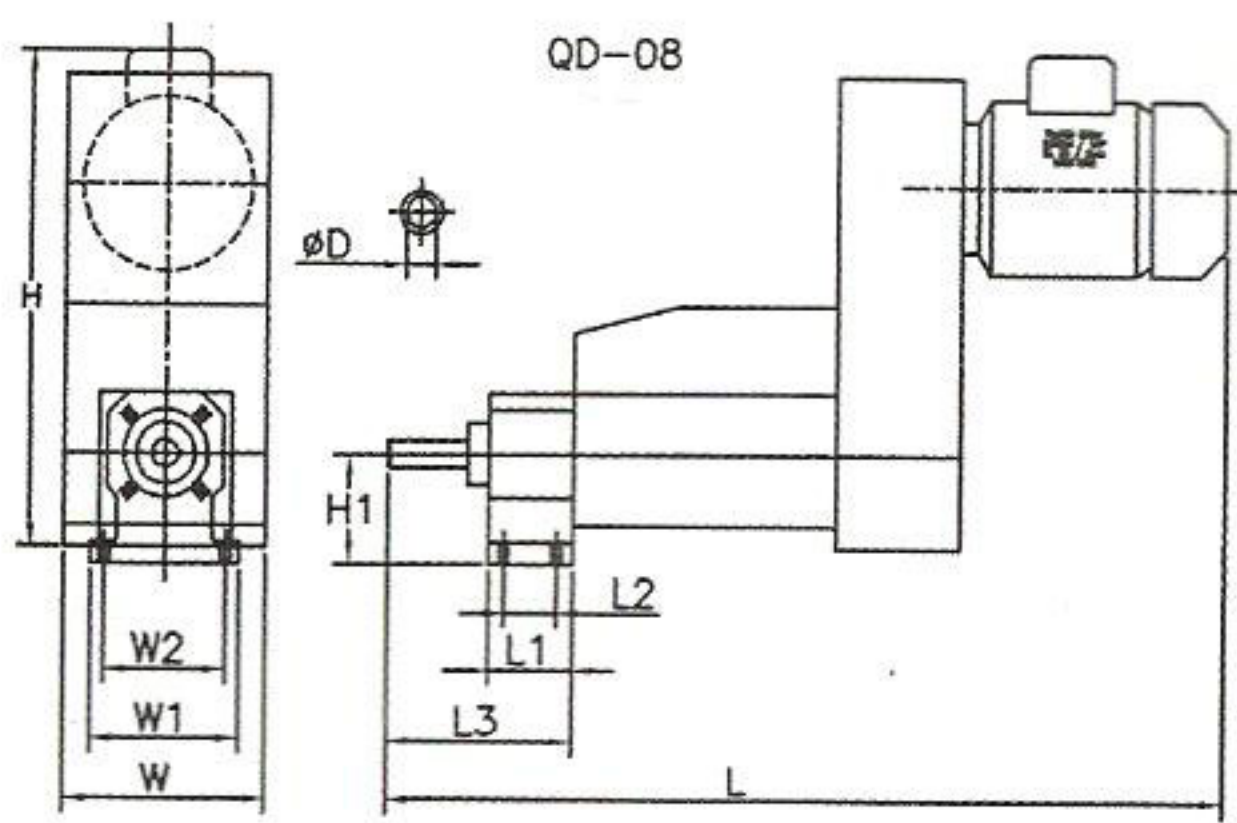


Technical Data

MOST INNOVATIVE AND VERSATILE DESIGN IN PRECISION DRILLING AND TAPPING - CUM - DRILLING MACHINES

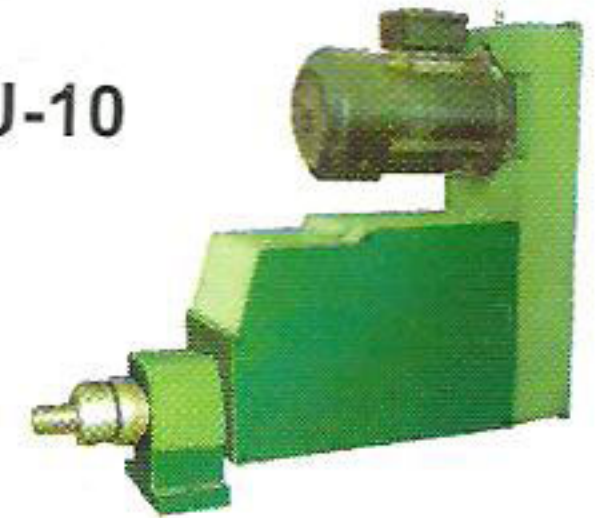
| Model No. | SM-35DA - M/E | SM-35TDE | SM-35 TP | SM-45DA-M/E | SM-45TDE | SM-45TP |
|---|--|--|--|--|---|---|
| Drilling Capacity (steel (60kg./sq.mm)/cast Iron) | Ø 35 / Ø42 | Ø 35 / Ø42 | | Ø 45 / Ø 50 | Ø 45 / Ø 50 | |
| Tapping Capacity (steel (60kg./sq.mm)/cast Iron) | ----- | M 24 x M 30 | M 24 x M 30 | ----- | M 36 / M 42 | M 36 / M 42 |
| Minimum size of tapping Operation | ----- | M8 | M8 | ----- | M 10 | M 10 |
| Spindle | | | | | | |
| Spindle Nose Taper (T) | MT-4 (Female) | MT-4 (Female) | MT-4 (Female) | MT-5 (Female) | MT-5 (Female) | MT-5 (Female) |
| Total Sleeve (Spindle) Stroke (S) | 150 | 150 | 150 | 200 | 200 | 200 |
| Nos. of Spindle Speeds | 8 | 8 | 8 | 8 | 8 | 8 |
| Speed Range with 2 step Gera Box | 100 - 280 - 400 - 1000 200 - 560 - 800 - 2000 | 50 - 125 - 180 - 500 100 - 250 - 355 - 1000 | 50 - 125 - 180 - 500 100 - 250 - 355 - 1000 | 56 - 160 - 224 - 630 125 - 315 - 450 - 1250 | 32 - 80 - 112 - 315 64 - 160 - 224 - 630 | 32 - 80 - 112 - 315 64 - 160 - 224 - 630 |
| Spindle Feed | Auto / Manual | Auto / Manual | Lead Screw | Auto / Manual | Auto / Manual | Lead Screw |
| No. of Autofeeds | 3 | 3 | 3 | 4 | 4 | 4 |
| G) Autofeeds for Spindle | 0.1 / 0.2 / 0.3 | 0.1 / 0.2 / 0.3 | ----- | 0.1 / 0.2 / 0.3 / 0.36 | 0.1 / 0.2 / 0.3 / 0.36 | ----- |
| Auto Feed Engagement (normal) | Electro-magnetic clutch | Electro-magnetic clutch | ----- | Electro-magnetic clutch | Electro-magnetic clutch | ----- |
| Auto Feed Engagement (optional) | Mechanical clutch | ----- | ----- | ----- | ----- | ----- |
| Spindle Axis to column Face (throat) (A) | 300 | 300 | 300 | 350 | 350 | 350 |
| Spindle Nose to work Table (min./max) (C1) | 0 / 720 | 0 / 720 | 0 / 720 | 0 / 730 | 0 / 730 | 0 / 730 |
| Spindle Nose to Base Plate (max) (C2) | 1120 | 1120 | 1120 | 1150 | 1150 | 1150 |
| Cloumn Diameter (O.D.) (Ø D) | Ø 124 | Ø 124 | Ø 124 | Ø 165 | Ø 165 | Ø 165 |
| Clamping Area on work Table (M x N) | 320 x 320 | 320 x 320 | 320 x 320 | 370 x 370 | 370 x 370 | 370 x 370 |
| Clamping Area on Base Plate (Q x R) | 320 x 380 | 320 x 380 | 320 x 380 | 450 x 450 | 450 x 450 | 450 x 450 |
| T Slots on Work Table (Size / Pitch / Nos.) | 14 / 200 / 2 | 14 / 200 / 2 | 14 / 200 / 2 | 14 / 240 / 2 | 14 / 240 / 2 | 14 / 240 / 2 |
| T Slots on Base Plate (Size / Pitch / Nos.) | 18 / 200 / 2 | 18 / 200 / 2 | 18 / 200 / 2 | 18 / 320 / 2 | 18 / 320 / 2 | 18 / 320 / 2 |
| Motor 3 Ph. TEFC (KW / HP) | 1.1 / 1.5 - 1.5 / 2 | 1.1 / 1.5 - 1.5 / 2 | 1.1 / 1.5 - 1.5 / 2 | 1.5 / 2 - 2 / 3 | 1.5 / 2 - 2 / 3 | 1.5 / 2 - 2 / 3 |
| Motor RPM | 1500 - 3000 | 750 - 1500 | 750 - 1500 | 1500 - 3000 | 750 - 1500 | 750 - 1500 |
| Electrical Supply | 415V,3Ph,50Hz | 415V,3Ph,50Hz | 415V,3Ph,50Hz | 415V,3Ph,50Hz | 415V,3Ph,50Hz | 415V,3Ph,50Hz |
| Control Vaoltage | 220V,1 Ph,50Hz | 220V,1 Ph,50Hz | 220V,1 Ph,50Hz | 220V,1 Ph,50Hz | 220V,1 Ph,50Hz | 220V,1 Ph,50Hz |
| Overall size of Base Plate (L1 x W1 x H1) | 650 x 420 x 125 | 650 x 420 x 125 | 650 x 420 x 125 | 830 x 570 x 125 | 830 x 570 x 125 | 830 x 570 x 125 |
| Drive | Gear | Gear | Gear | Gear | Gear | Gear |
| Overall size of Machine (W x L X L) | 500 x 900 x 2250 | 500 x 900 x 2250 | 500 x 900 x 2250 | 570 x 830 x 2425 | 570 x 830 x 2425 | 570 x 830 x 2425 |
| Machine Weight in kgs. | 400 | 400 | 400 | 550 | 550 | 550 |

* Indicates optional Feature, At Extra cast B for Bench Model, P for Piller Model



| Model No. | QD-08 | QD-12 | QD-12L | QD-25 | CFU-10 |
|---|-------------|-------------|--------------|---------------|--------------|
| Drilling Capacity (steel (60kg./sq.mm)/cast Iron) | Ø8 / Ø12 | Ø12 / Ø20 | Ø12 / Ø20 | Ø25 / Ø30 | Ø10 / Ø13 |
| Max. Spindle Stroke mm | 80 | 100 | 150 | 150 | 100 |
| Max. Spindle Speeds Range RPM | 800 ~ 3000 | 800 ~ 3000 | 800 ~ 3000 | 250 ~ 850 | 300 ~ 3000 |
| Quill Feed Rate (hydraulic) mm | 50 ~ 800 | 50 ~ 800 | 50 ~ 800 | 50 ~ 800 | 10 ~ 50 |
| Maximum System Pressure Kg / sq.cm | 30 | 30 | 30 | 30 | |
| Spindle Output Power | 0.37 | 0.75 | 0.75 | 1.5 | 0.75 x 1500R |
| Maximum Operational Thrust | 200 | 800 | 800 | 940 | |
| Nett Weight for basic unit with Motor kgs. (Approx) | 115 | 95 | 110 | 150 | 115 |
| Overall Dimension (L x H x W) mm | 780x490x190 | 720x450x200 | 820x450x200 | 900x500x200 | 620x500x192 |
| Spindle Nose Bore QD | Ø 16 H7 | Ø 27 H7 | Ø 28 H7 | Ø 36 H7 | Ø 16 H7 |
| Unit Mounting Dimension (L1 x W1) mm | 80 x 140 | 300 x 150 | 350 x 150 | 400 x 200 | 80 x 140 |
| Mounting Pitch Dimension (L1 x W2) mm | 50 x 115 | 125 x 115 | 125 x (90x2) | 170 x (125x2) | 50 x 115 |
| Main Body To Spindle Nose (L3) mm | 200 | 167 | 167 | 200 | 190 |
| Centre Height (H1) mm | 100 | 100 | 100 | 125 | 100 |

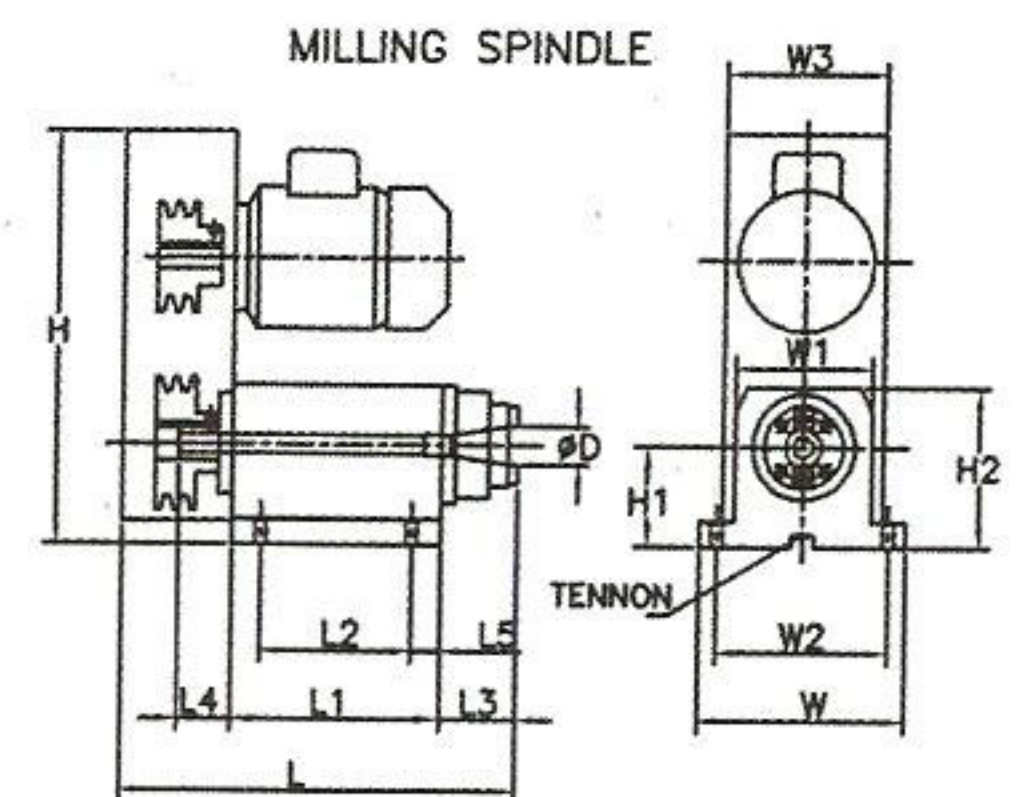
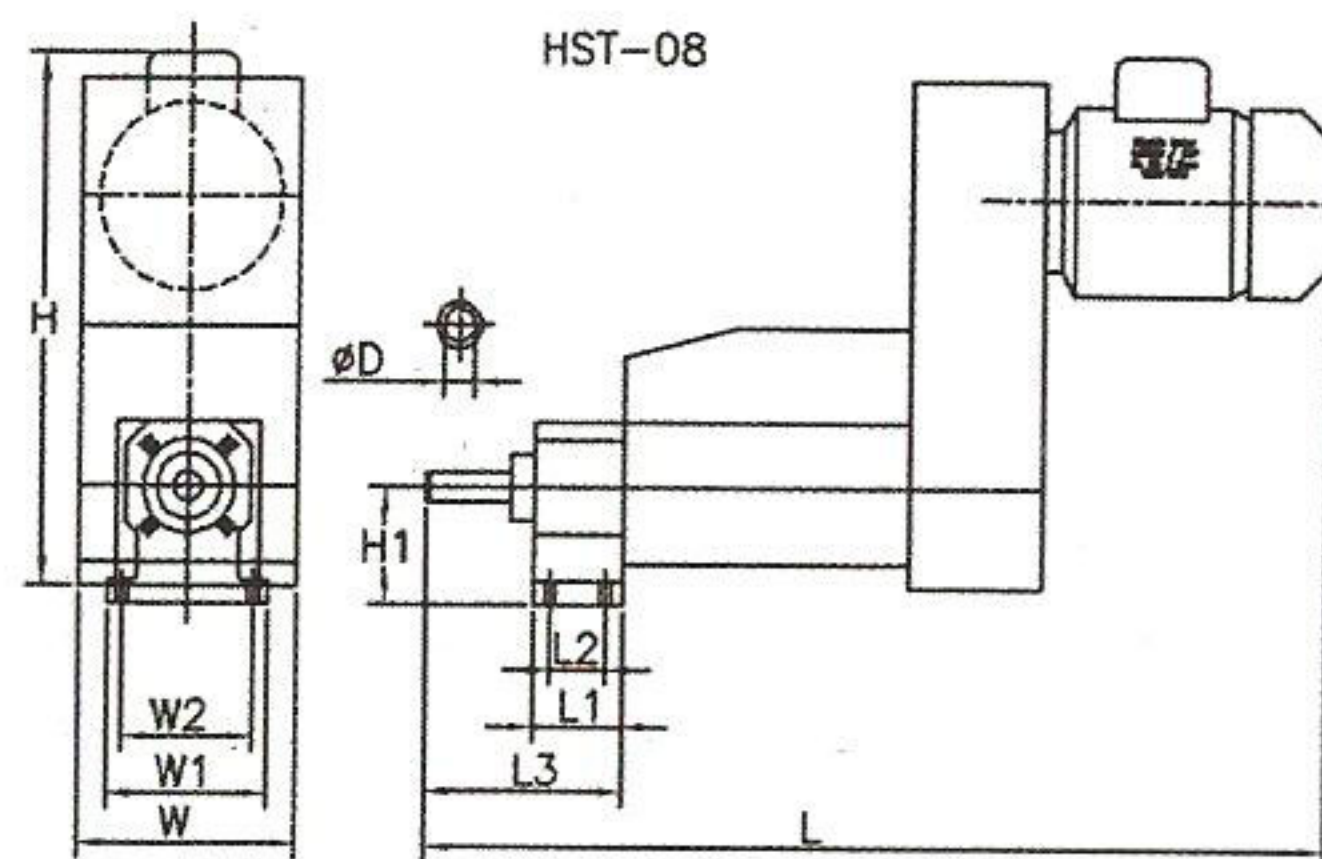
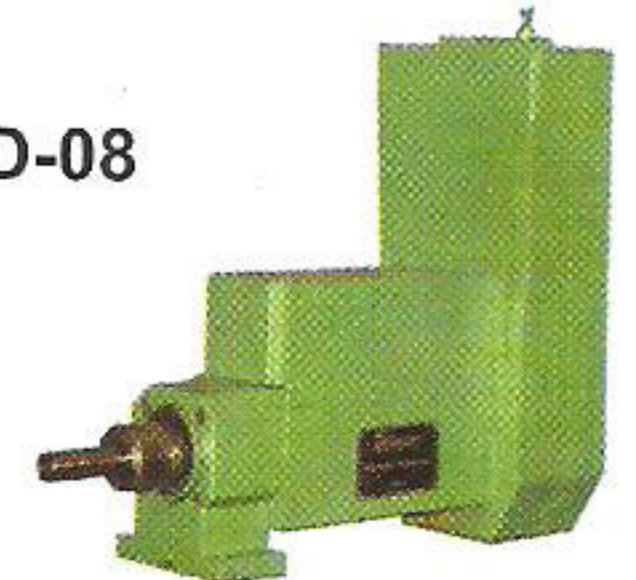
CFU-10



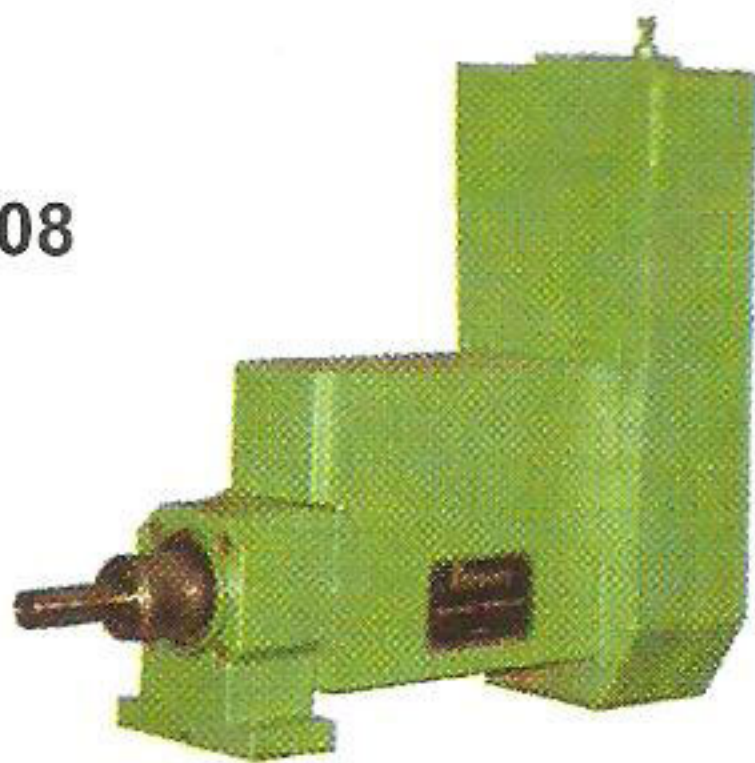
QD-12/12L/25



QD-08



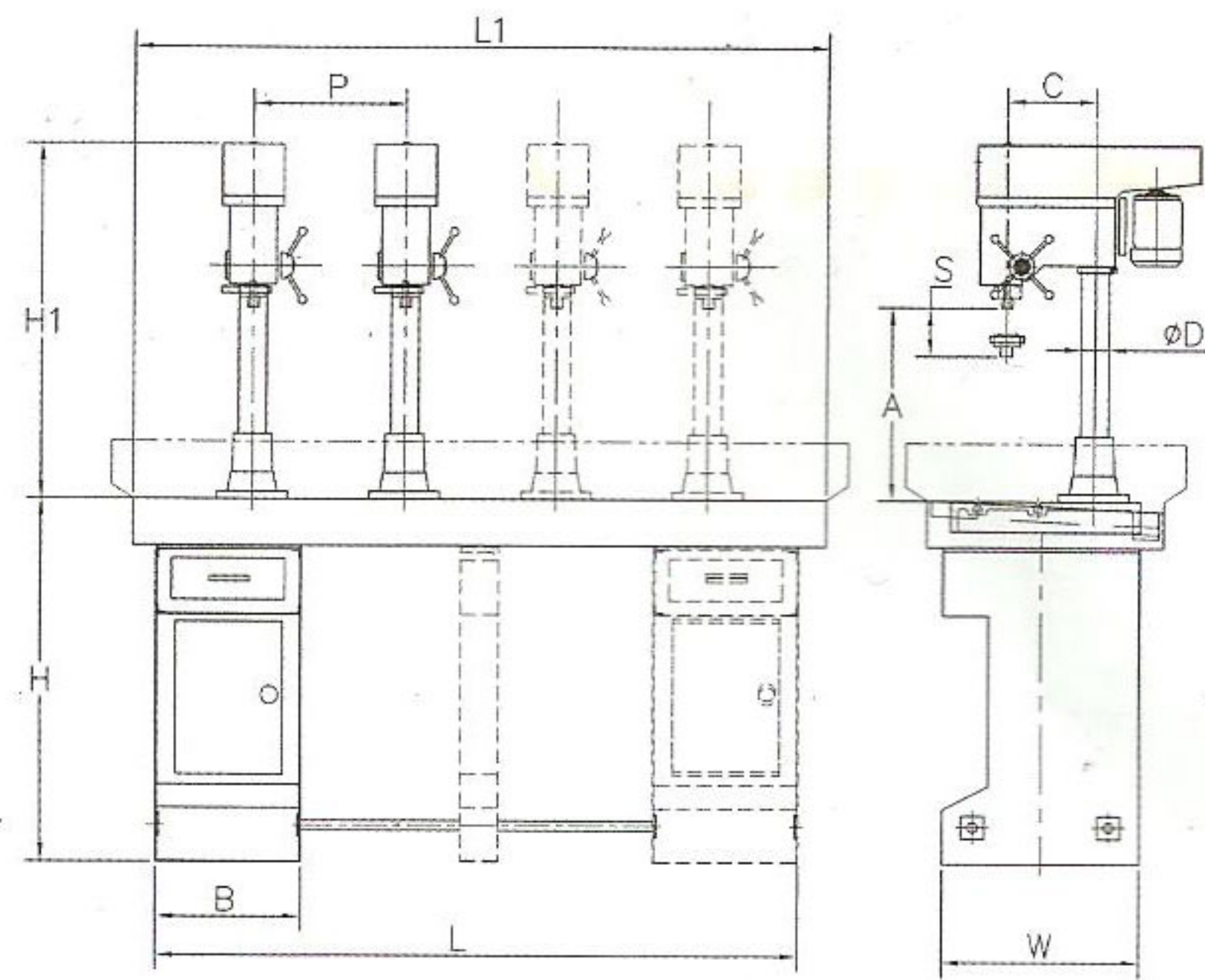
HST-08



MILLING SPINDLE



| Model No. | HST-08 | HST-16 | PS-MF-30 | PS-MF-40 |
|---|---------------|-----------|--------------|---------------|
| Drilling Capacity (steel (60kg./sq.mm)/cast Iron) | ----- | ----- | ----- | ----- |
| Tapping Capacity (steel (60kg./sq.mm)/cast Iron) | M8 / M12 | M16 / M24 | | |
| Minimum size of tapping Operation | M2 | M12 | | |
| Max. Spindle Stroke mm | 50 | 80 | | |
| Min. Spindle Stroke mm | 10 | 15 | | |
| Unit Mounting | Neck | Base | Base | Base |
| Maximum Spindle Speeds RPM | 300 ~ 1500 | 150 ~ 800 | 500 ~ 3000 | 500 ~ 2000 |
| Spindle Output Power | 0.55 x 1500 R | 1.5 | 1.5 | 2.2 |
| Nett Weight for basic unit with Motor kgs. (Approx) | 50 | 75 | ----- | ----- |
| Overall Dimension (L x H x W) mm | 780x490x190 | | 345x133x150 | 520x133x150 |
| Spindle Nose Bore ØD | Ø 16 H7 | Ø 20 H7 | ISO - 30 | ISO - 40 |
| Unit Mounting Dimension (L1 x W1) mm | 80 x 140 | | 350 x 150 | 400 x 200 |
| Mounting Pitch Dimension (L1 x W2) mm | 50 x 115 | | 125 X (90X2) | 170 X (125X2) |
| Main Body To Spindle Nose (L3) mm | 200 | | 56 | 110 |
| Centre Height (H1) mm | 100 | | 100 | 125 |
| Main Body To Rear Nose (L4) mm | ----- | | 47 | 55 |
| Main Body Height (H2) mm | ----- | | 133 | 135 |
| Main Body Width (H2) mm | ----- | | 106 | 110 |
| Width For Motor Guard (H2) mm | ----- | | 180 | 220 |



Technical Data

MOST INNOVATIVE AND VERSATILE DESIGN IN PRECISION DRILLING AND TAPPING - CUM - DRILLING MACHINES

| Model No. | | | | | | | | | | | | | | |
|------------|-----|------|-----|-----|------|-----|-----|-----|-------|----|-----|----------|----------|--|
| DM-06F/V | 900 | 1025 | 500 | 940 | 570 | 400 | 295 | 210 | 50 | 48 | 350 | 900x500 | 2SPINDLE | |
| DM-13HS/TD | | | | | 770 | | 295 | 370 | 100 | 48 | | 1300x500 | 3SPINDLE | |
| DM-06/13TP | | | | | 770 | | 295 | 370 | 50/10 | 48 | | 1700x500 | 4SPINDLE | |
| DM-08F | | | | | 565 | | 190 | 200 | 65 | 40 | | | | |
| DM-04/0TP | | | | | 565 | | 190 | 325 | 50/65 | 40 | | | | |
| DM-23HS | | | | | 1080 | | 295 | 500 | 125 | 73 | | | | |
| SM-13D/TD | 900 | 1025 | 500 | 940 | 835 | 400 | 184 | 480 | 100 | 60 | 350 | 900x500 | 2SPINDLE | |
| SM-15D/TD | | | | | 1025 | | 232 | 600 | 125 | 73 | | 1300x500 | 3SPINDLE | |
| SM-20D/TD | | | | | 1025 | | 232 | 600 | 125 | 73 | | 1700x500 | 4SPINDLE | |
| SM-25D/TD | | | | | 1040 | | 290 | 600 | 150 | 80 | | | | |
| SM-25TP | | | | | 1040 | | 290 | 600 | 150 | 80 | | | | |

- Various combinations of Drilling / Tapping heads in different capacities are available.
- Cast iron Baseplate is provided with T slot, Coolant passage, scraped working area
- 2 and 3 Spindle machines are provided with stand on the right hand side, and Cast iron leg on the left side of the Baseplate / Table
- 4 Spindle machines are provided with fabricated stands on the either side of the Baseplate / Table



Factory Premises at Navi Mumbai

Thakoor is a diversified and professionally managed group of companies. Thakoor Maschinen Fabrik is a "Thakoor" group company, established specifically for manufacturing high-tech & high precision machine-tools.

Company's manufacturing facilities are housed in an independent and well laid-out building with ample scope for future expansion located in Mumbai's prominent industrial area of Navi-Mumbai. The Company possesses modern workshop and latest inspection and testing equipments.

The Company is headed by Mr. L. M. Thakoor Mr. Ashish L. Thakoor specialised in their respective field of activity.

Management's commitment to quality assurance is total and continuous, which has beneficially resulted in high acceptance of "Thakoor" brand of products in India and overseas markets. The Company places great emphasis on continuous research and development of products and thereby enhancing product performance and reliability.

Company has an established net-work of Regional Authorised Representatives and Resident Representatives in mini metros of India for marketing of its products & offering after sales services.

Thakoor

Thakoor Maschinen Fabrik

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