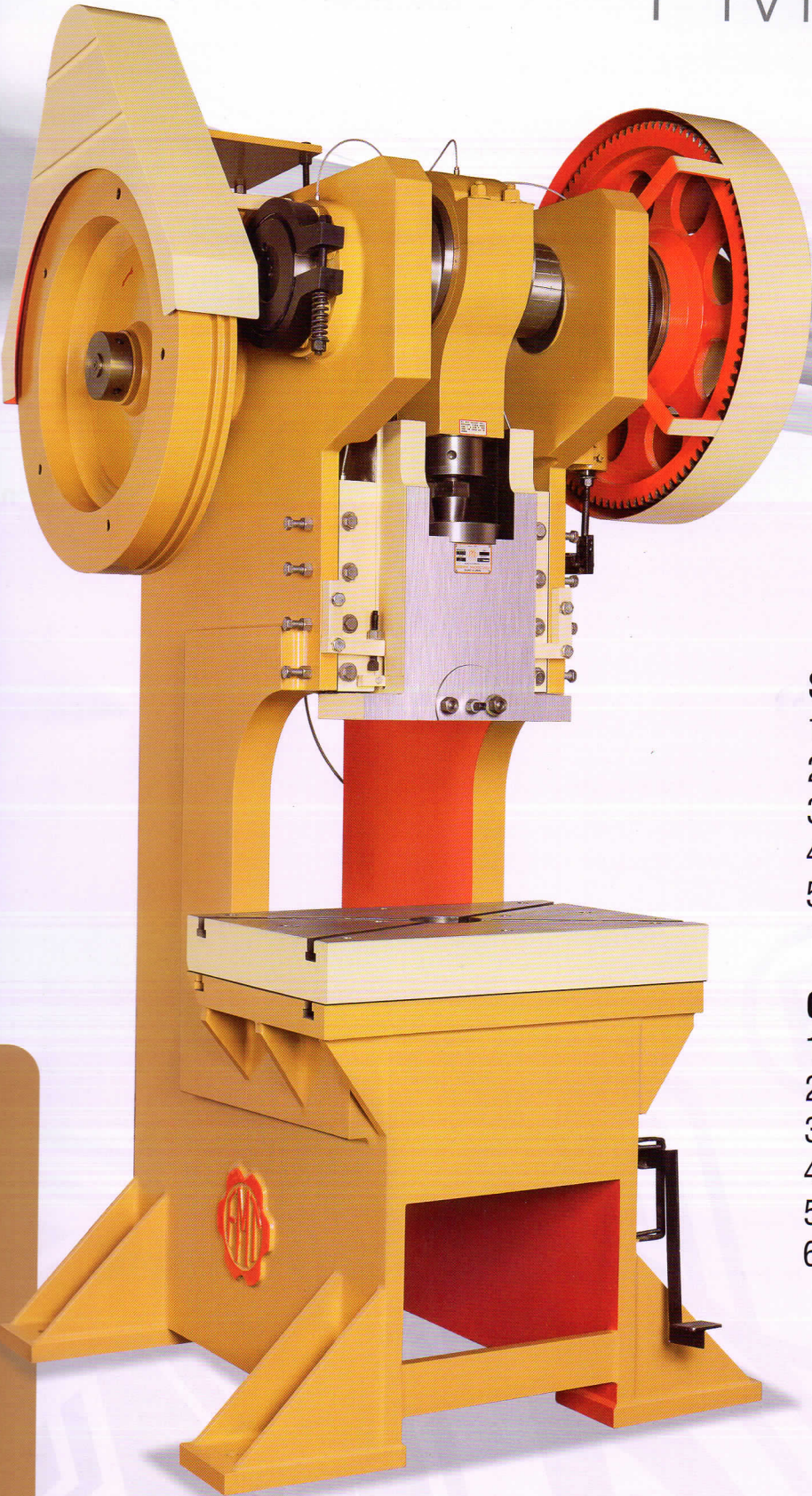


FMC series

C Type Power Presses



STANDARD ACCESSORIES

1. Motor pulley
2. Slide Adj. Spanner
3. Fly wheel & Gear guard
4. Oil cups for lubrication point
5. Knock-out system

OPTIONAL ACCESSORIES

1. Two hand operated clutch
2. Single / continuous stroke
3. Automatic lubrication system
4. Electric Motor, Starter and V-belts
5. Extra base plate.
6. Inclinable Type



SINCE 1979

FOREMAN[®]
MACHINE TOOLS PVT. LTD.

FMT[®] brand Heavy Duty mechanical Power Presses are coming in "C" frame versions from 5 tons to 200 tons capacity in most economical type of construction with several std./optinal features such as manual/auto lubrication systems, knockouts electronics safety, Single/Double or Un-geared versions as also Pneumatic feeders/straightness & die-coilers for automatic Purpose.

Frame: The frame is fabricated from solid steel plate with heavy cross ribbing, the structure is designed for perfectly balanced distribution of stress over the cross section eliminating deflection & vibration, in result increased tool & machine life.

Clutch: The Clutch is made of special alloy steel, The pin / rolling key is manufactured from W.P.S. / EN24 material & with proper heat treatment to ensure trouble free long life & give continuous stroke for mass production.

Crank Shaft : The Crank shaft is made of special alloy steel & precisely machining it to grind finish & fitted in Graded Gun-Metal Bushes for smooth working, longer life & accuracy.

Adjustable Stroke: The unique feature of adjustable stroke enables the press to perform all kinds of operations by employing short stroke for blanking and forming operation.

Flywheel: Properly sized flywheel is made of high grade cast iron, for storing and releasing adequate energy for the pressing operation, and properly balanced for smooth running.

Gears : The Gears are made of steel cast or fabricated. Gear teeth are generated by precision hobbing machine.

Ram Slide : Ram Slides is made of high grade heavy duty cast iron & properly seasonal & fitted with Hylum Sheet on back side for friction free travel through slides, ensuring longer life of die and easy operation.

Bed : bed is made of high grade heavy duty cast iron & properly seasoned & properly aligned with ram to obtain high accuracy and precise press operation.

Lubrication : Oil cups & Grease point are provided for lubricating the sliding surfaces & moving parts. 50 ton & above Hand operated pump provided. Also Automatic lubrication system offered against request.

C Type Power Press Specification

| Model No. | | FMC 05 | FMC 10 | FMC 20 | FMC 30 | FMC 40 | FMC 50 | FMC 60 | FMC 80 | FMC 100 | FMC 150 | FMC 200 |
|-------------------------------|-----|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| CAPACITY IN TONS | | 5 | 10 | 20 | 30 | 40 | 50 | 60 | 80 | 100 | 150 | 200 |
| Crankshaft Diameter | MM | 85 | 105 | 123 | 140 | 145 | 160 | 170 | 190 | 196 | 220 | 230 |
| Adj. Stroke Length | MM | 38 | 50 | 63 | 76 | 76 | 89 | 100 | 115 | 130 | 150 | 150 |
| Adjustment of Ram | MM | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Punch Hole in Ram | MM | 25 | 25 | 32 | 38 | 38 | 45 | 45 | 50 | 50 | 80 | 80 |
| Hole in Bed | MM | 63 | 76 | 82 | 89 | 95 | 101 | 115 | 130 | 150 | 200 | 225 |
| Bed Size : Left to Right | MM | 355 | 432 | 534 | 585 | 635 | 685 | 712 | 738 | 891 | 1041 | 1100 |
| x | | x | x | x | x | x | x | x | x | x | x | x |
| Front to Back | | 178 | 228 | 305 | 355 | 355 | 406 | 457 | 508 | 612 | 737 | 817 |
| Bed Thickness | MM | 50 | 58 | 63 | 70 | 76 | 83 | 88 | 95 | 114 | 127 | 137 |
| Dist. between bed to Ram | MM | 177 | 204 | 250 | 292 | 320 | 350 | 380 | 380 | 406 | 457 | 482 |
| Flywheel Weight. | Kg. | 50 | 70 | 90 | 110 | 150 | 210 | 300 | 340 | 360 | 450 | 800 |
| Strokes per minute | MM | 80 | 80 | 45 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 35 |
| H. P. Required | | | | | | | | | | | | |
| For Geared(1440 RPM) | HP | 1 | 1.5 | 2 | 3 | 5 | 5 | 7.5 | 10 | 10 | 15 | 20 |
| For Ungeared (960 RPM) | HP | 1 | 2 | 3 | 5 | - | - | - | - | - | - | - |
| Floor To Top of Bed | MM | 700 | 830 | 830 | 880 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| "All Over Size : LR x FB x H" | MM | 700 | 800 | 1000 | 1000 | 1100 | 1200 | 1300 | 1500 | 1750 | 2050 | 2200 |
| x | | x | x | x | x | x | x | x | x | x | x | x |
| 600 | | 800 | 1000 | 1100 | 1200 | 1300 | 1350 | 1500 | 1750 | 2000 | 2150 | |
| x | | x | x | x | x | x | x | x | x | x | x | x |
| 1600 | | 1900 | 2100 | 2200 | 2400 | 2500 | 2650 | 2750 | 2900 | 3300 | 3500 | |
| Weight Approximate | Kg. | 350 | 600 | 1100 | 1400 | 1900 | 2500 | 2700 | 3200 | 4700 | 6600 | 9000 |