



# FOREMAN<sup>®</sup>

## MACHINE TOOLS PVT. LTD.

*Where Quality Is The Motto*



Manufacturer of  
**Power Presses**  
Capacity 5 to 200 Tons







SINCE 1979

# FOREMAN<sup>®</sup>

## MACHINE TOOLS PVT. LTD.

# about us...



**Foreman Machine Tools Pvt. Ltd.** is a prominent name in Manufacturing, Exporting of power presses since 1979 . Our range of machines includes C Type Power Press, H Type Power Press with choice of Mechanical / Pneumatic Clutch , Gear/ Ungear, Inclined / Fixed. We also manufacture presses as per your requirement like any modification in the body, centre, stroke length also as per your drawing & dimension.

We are widely acknowledged by our clients for our products which ensure supreme quality and durability. Our company is surely a name to reckon with, if you are looking to buy power press machines.

#### **Infrastructure :**

Foreman Machine Tools Pvt. Ltd. has excelled in every sphere be it Research, Design Engineering & Production and is today amongst India's renowned manufacturer of Power Presses.

**FMT<sup>®</sup>** is equipped with highly accurate in house machinery and great infrastructure which enables us to manufacture superior quality Power Presses.

At **FMT<sup>®</sup>** it is our continued endeavor to upgrade our products, hence we are regularly updating our in house machining facilities in our state of the art plant

#### **Quality Policy :**

The Company in order to attain excellence follows its quality policy to the core. We at FMTPL Power Presses commit ourselves to put in our best endeavor to achieve total customer satisfaction by applying the following quality policy.

- ⚙ **Use of Genuine Material**
- ⚙ **Producing Quality Goods**
- ⚙ **Adhering to delivery schedules**
- ⚙ **Continuously upgrading our products**
- ⚙ **through up gradation in technology**
- ⚙ **Customer Satisfaction**

#### **Competitive Prices Clientele :**

With voluminous experience in this field, we have developed a strong base of our clients and further continue to do so by exporting, manufacturing and supplying machines of first-class quality. We work in such a way so as to form a long lasting relationship with our clients and go an extra mile to live up to their expectations.

# Certificate

Standard **ISO 9001:2008**

Certificate Registr. No. **85 100 001 13062**

TÜV Rheinland (India) Pvt. Ltd. Certifies:

Certificate Holder: **Foreman Machine Tools Pvt. Ltd.**  
**9/6, Maninagar, Mavdi Plot,**  
**Rajkot - 360 004,**  
**Gujarat, India.**

Scope: **Design, Manufacture and Supply of Power Press**

An audit was performed, Report No. 13062. Proof has been furnished that the requirements according to ISO 9001:2008 are fulfilled.  
The due date for all future audits is 28 - 05 (dd.mm).

Validity: The certificate is valid from **2013-06-25 until 2016-06-24.**



Bangalore 2012-06-25

The Certification Body of  
TÜV Rheinland (India) Pvt. Ltd.

903NABCB00

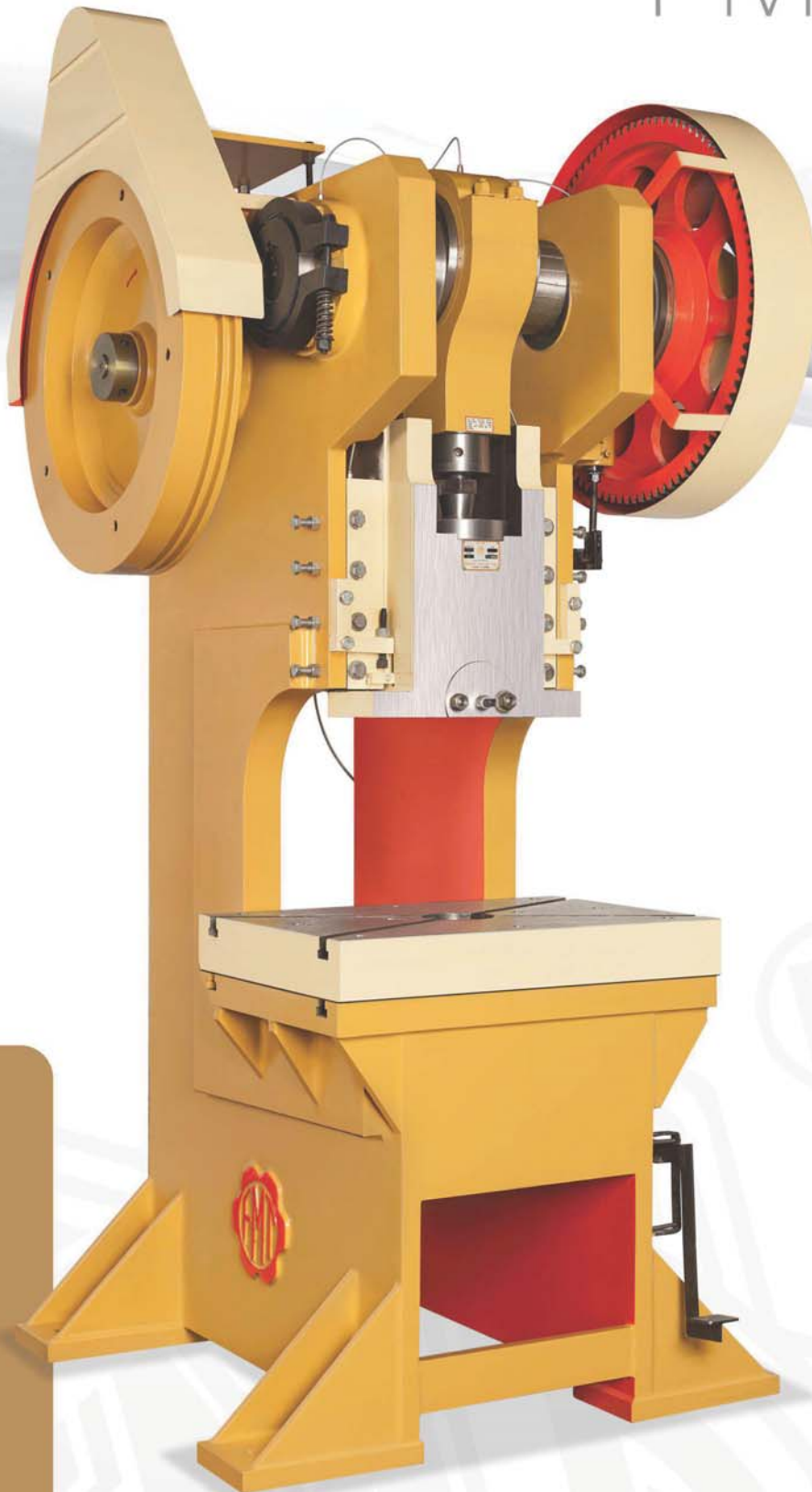
The validity of this certificate is subject to timely completion of Surveillance audits as agreed in the Contract.  
The Validity of the Certificate can be verified under [www.tuv.com](http://www.tuv.com) with the identification No. 9105074846.

[www.tuv.com](http://www.tuv.com)

 **TÜVRheinland<sup>®</sup>**  
Precisely Right.

# 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. Tow hand operated clutch
2. Single / continuous stroke
3. Automatic lubrication pump
4. Electric Motor, Starter and V-belts
5. Extra base plate.
6. Inclinal Type



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**FOREMAN**<sup>®</sup>  
MACHINE TOOLS PVT. LTD.



**FMT<sup>®</sup>** 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-greared 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 continues 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 precision 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                        |
|-------------------------------|-----|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>CAPACITY IN TONS</b>       |     | <b>5</b>                     | <b>10</b>                    | <b>20</b>                      | <b>30</b>                      | <b>40</b>                      | <b>50</b>                      | <b>60</b>                      | <b>80</b>                      | <b>100</b>                     | <b>150</b>                     | <b>200</b>                     |
| Crankshaft Diameter           | MM  | 70                           | 88                           | 115                            | 130                            | 135                            | 140                            | 150                            | 160                            | 170                            | 190                            | 250                            |
| 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 : (Length x Width)   | MM  | 355<br>x<br>178              | 432<br>x<br>228              | 534<br>x<br>305                | 585<br>x<br>355                | 635<br>x<br>355                | 685<br>x<br>406                | 712<br>x<br>457                | 738<br>x<br>508                | 891<br>x<br>612                | 1041<br>x<br>737               | 1100<br>x<br>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 Dia.                 | MM  | 406                          | 458                          | 482                            | 533                            | 584                            | 660                            | 762                            | 812                            | 863                            | 965                            | 1016                           |
| Strokes per minute            | MM  | 80                           | 70                           | 45                             | 40                             | 35                             | 35                             | 30                             | 30                             | 30                             | 25                             | 25                             |
| H. P. Required                |     |                              |                              |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| For Geared(1440 RPM)          | HP  | 1                            | 1.5                          | 2                              | 3                              | 4                              | 5                              | 7.5                            | 10                             | 10                             | 12.5                           | 15                             |
| 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<br>x<br>600<br>x<br>1600 | 800<br>x<br>800<br>x<br>1900 | 1000<br>x<br>1000<br>x<br>2100 | 1000<br>x<br>1100<br>x<br>2200 | 1100<br>x<br>1200<br>x<br>2400 | 1200<br>x<br>1300<br>x<br>2500 | 1300<br>x<br>1350<br>x<br>2650 | 1500<br>x<br>1500<br>x<br>2750 | 1750<br>x<br>1750<br>x<br>2900 | 2050<br>x<br>2000<br>x<br>3300 | 2200<br>x<br>2150<br>x<br>3500 |
| Weight Approximate            | Kg. | 350                          | 600                          | 1100                           | 1400                           | 1900                           | 2500                           | 2700                           | 3200                           | 4700                           | 6200                           | 7700                           |

• All Dimensions are in M.M.

• Design , Dimensions & Particulars are subject to alterations without notification.

# FMH series

## H 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. Tow hand operated clutch
2. Single / continuous stroke
3. Automatic lubrication pump
4. Electric Motor, Starter and V-belts
5. Extra base plate.
6. Inclinal Type



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**FMT<sup>®</sup>** brand Heavy Duty mechanical Power Presses are coming in PILLAR / "H" 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-greared 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 continues 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 precision press operation.

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

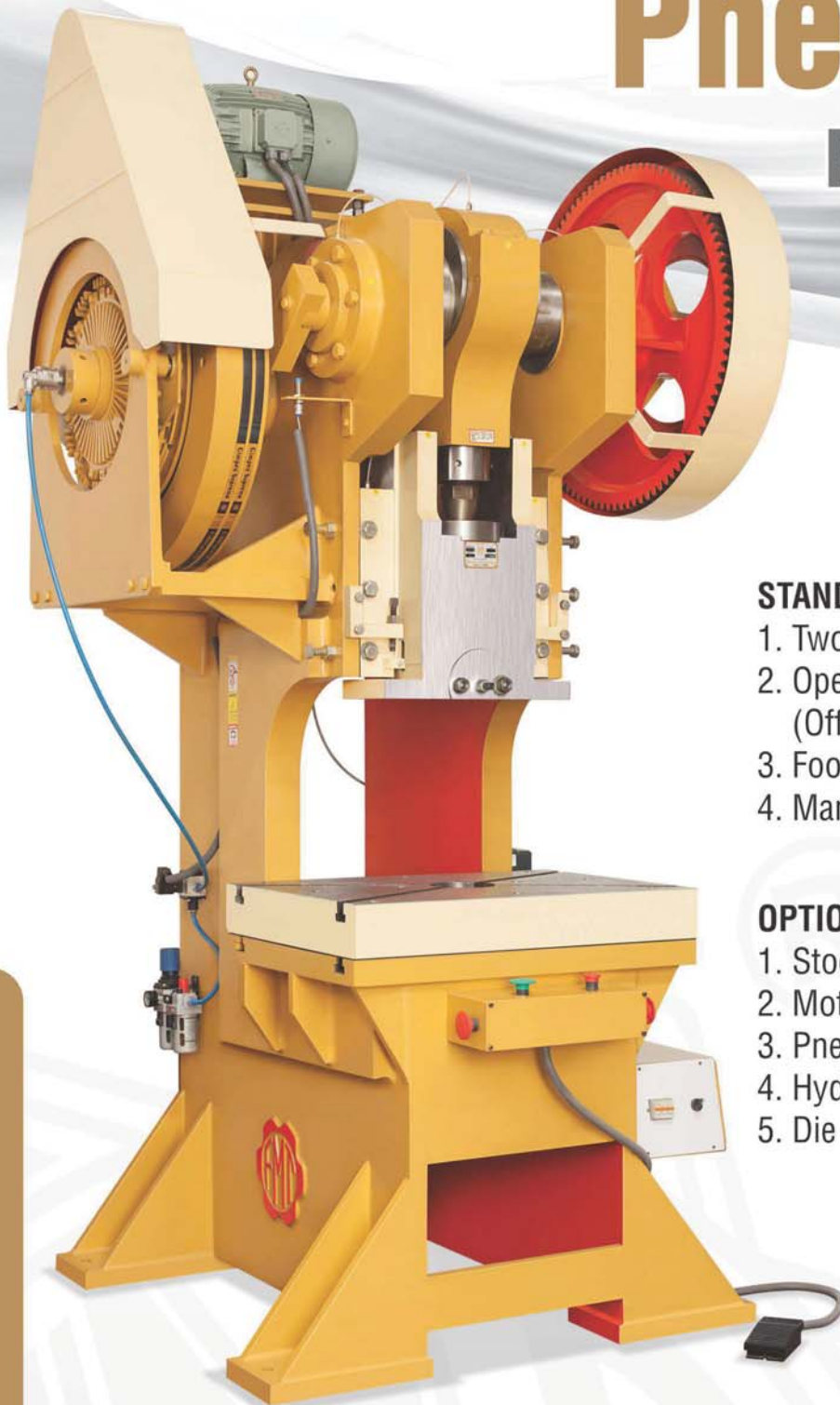
## H Type Power Press Specification

| Model No.                     |     | FMH 05   | FMH 10   | FMH 20   | FMH 30   | FMH 40   | FMH 50   | FMH 60   | FMH 80   | FMH 100  | FMH 150  | FMH 200  |
|-------------------------------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| CAPACITY IN TONS              |     | 5        | 10       | 20       | 30       | 40       | 50       | 60       | 80       | 100      | 150      | 200      |
| Crankshaft Diameter           | MM  | 70       | 88       | 115      | 130      | 135      | 140      | 150      | 160      | 170      | 190      | 250      |
| 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 : (Length x Width)   | MM  | 381      | 457      | 660      | 762      | 785      | 810      | 840      | 890      | 915      | 1015     | 1140     |
|                               |     | x<br>254 | x<br>304 | x<br>380 | x<br>431 | x<br>482 | x<br>507 | x<br>558 | x<br>583 | x<br>635 | x<br>710 | x<br>787 |
| Bed Thickness                 | MM  | 100      | 112      | 140      | 152      | 165      | 177      | 203      | 228      | 253      | 278      | 304      |
| Dist. between bed to Ram      | MM  | 177      | 204      | 250      | 292      | 320      | 350      | 380      | 380      | 406      | 457      | 482      |
| Flywheel Dia.                 | MM  | 406      | 458      | 482      | 533      | 584      | 660      | 762      | 812      | 863      | 965      | 1016     |
| Strokes per minute            | MM  | 80       | 70       | 45       | 40       | 35       | 35       | 30       | 30       | 30       | 25       | 25       |
| H. P. Required                |     |          |          |          |          |          |          |          |          |          |          |          |
| For Geared(1440 RPM)          | HP  | 1        | 1.5      | 2        | 3        | 4        | 5        | 7.5      | 10       | 10       | 12.5     | 15       |
| 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        |
|                               |     | 600      | 800      | 1000     | 1100     | 1200     | 1300     | 1350     | 1500     | 1750     | 2000     | 2150     |
|                               |     | 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      | 1200     | 1500     | 1900     | 2500     | 2800     | 3400     | 4800     | 6300     | 7800     |

• All Dimensions are in M.M.

• Design , Dimensions & Particulars are subject to alterations without notification.

# FNC series **Pneumatic** Power Presses



## **STANDARD ACCESSORIES**

1. Two Hand Push Button Controlled
2. Operator Control Panel Board  
(Off, Inch, Single & Continues Stock)
3. Foot Switch Operation
4. Manual Lubrication System

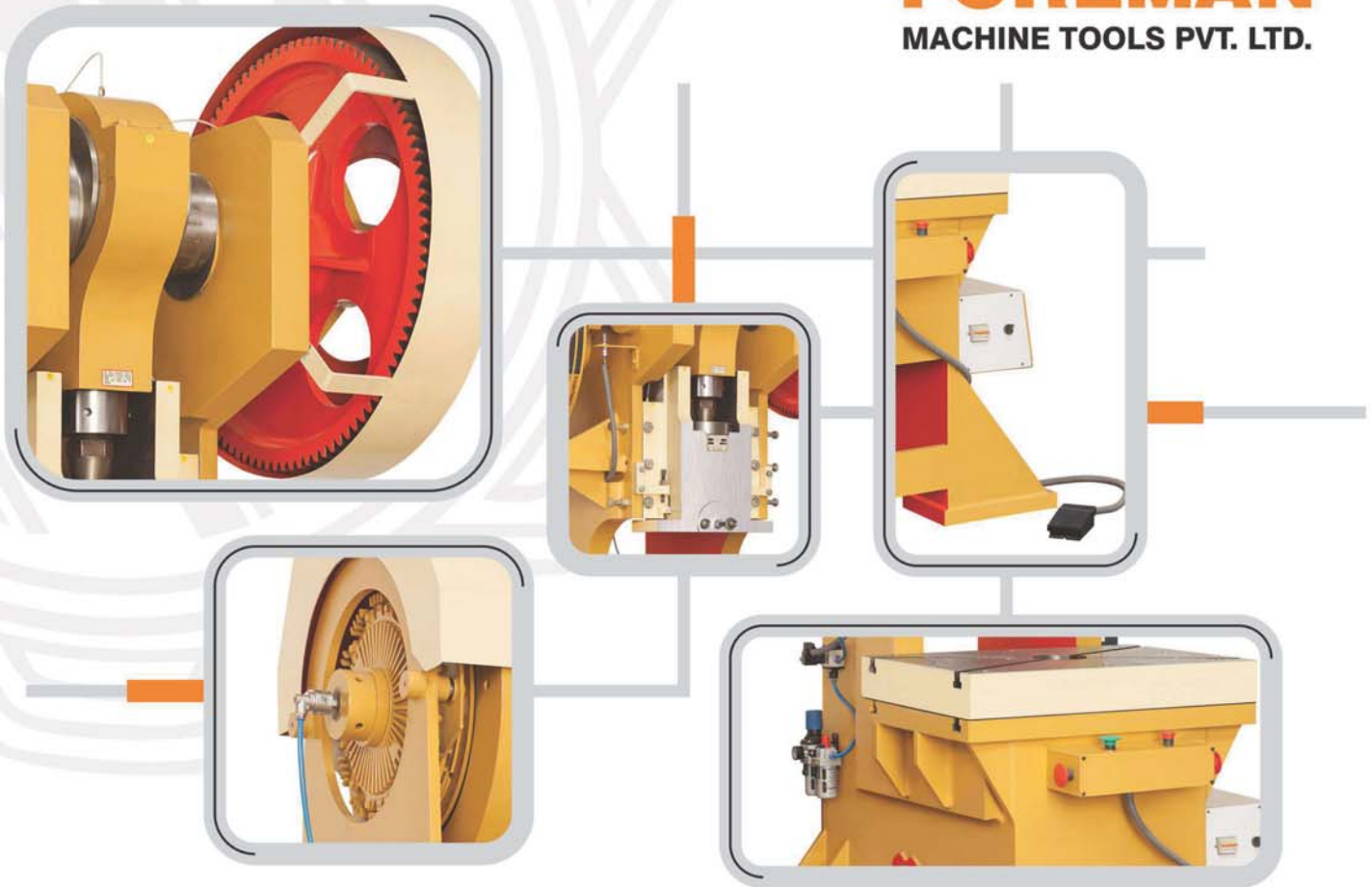
## **OPTIONAL ACCESSORIES**

1. Stock Counter
2. Motorized Lubrication System
3. Pneumatic Counter Balance Cylinder
4. Hydraulic Overload Safety Device
5. Die Cushion



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## Pneumatic Power Press Specification

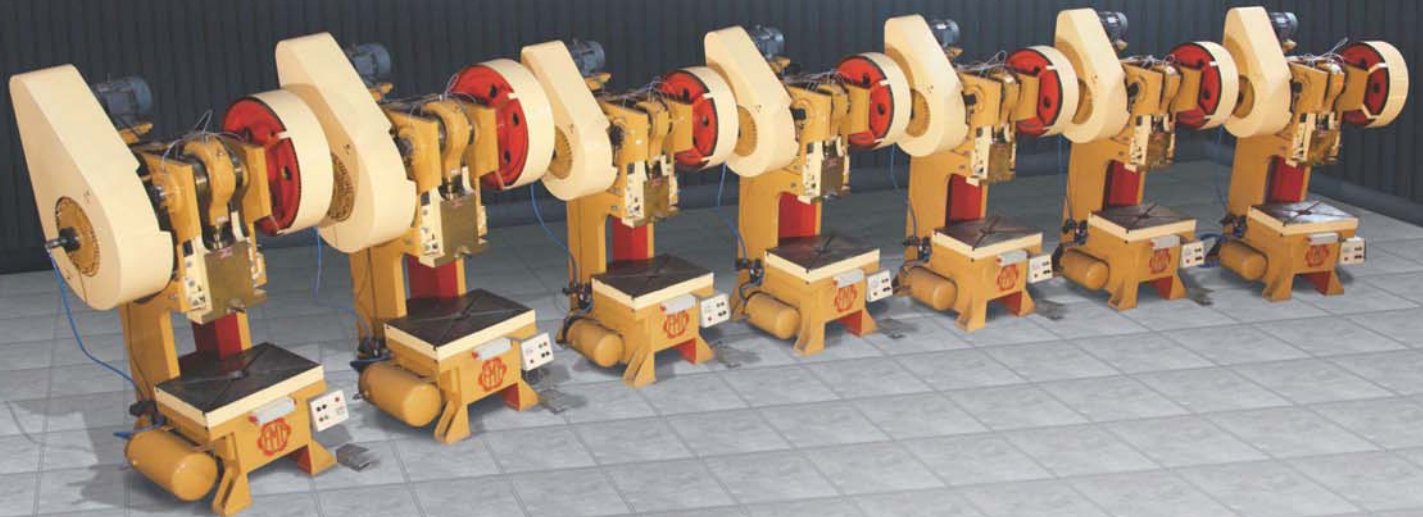
| Model No.                     |     | FNC 10    | FNC 20    | FNC 30    | FNC 40    | FNC 50    | FNC 60    | FNC 80    | FNC 100    | FNC 150    | FNC 200    |
|-------------------------------|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| <b>CAPACITY IN TONS</b>       |     | <b>10</b> | <b>20</b> | <b>30</b> | <b>40</b> | <b>50</b> | <b>60</b> | <b>80</b> | <b>100</b> | <b>150</b> | <b>200</b> |
| Crankshaft Diameter           | MM  | 88        | 115       | 130       | 135       | 140       | 150       | 160       | 170        | 190        | 250        |
| Adj. Stroke Length            | MM  | 15x50     | 15x63     | 76        | 76        | 89        | 100       | 115       | 130        | 150        | 150        |
| Adjustment of Ram             | MM  | 25        | 25        | 25        | 25        | 25        | 25        | 25        | 25         | 25         | 25         |
| Punch Hole in Ram             | MM  | 25        | 32        | 38        | 38        | 45        | 45        | 50        | 50         | 80         | 80         |
| Hole in Bed                   | MM  | 76        | 82        | 89        | 95        | 101       | 115       | 130       | 150        | 200        | 225        |
| Bed Size : (Length x Width)   | MM  | 432       | 534       | 585       | 635       | 685       | 712       | 738       | 891        | 1041       | 1100       |
|                               |     | X<br>228  | X<br>305  | X<br>355  | X<br>355  | X<br>406  | X<br>457  | X<br>508  | X<br>612   | X<br>737   | X<br>817   |
| Bed Thickness                 | MM  | 58        | 63        | 70        | 76        | 83        | 88        | 95        | 114        | 127        | 137        |
| Dist. between bed to Ram      | MM  | 204       | 250       | 292       | 320       | 350       | 380       | 380       | 406        | 457        | 482        |
| Flywheel Dia.                 | MM  | 458       | 482       | 533       | 584       | 660       | 762       | 812       | 863        | 965        | 1016       |
| Strokes per minute            | MM  | 70        | 55        | 50        | 45        | 45        | 40        | 40        | 35         | 30         | 25         |
| H. P. Required                |     |           |           |           |           |           |           |           |            |            |            |
| For Geared(1440 RPM)          | HP  | 1.5       | 2         | 3         | 4         | 5         | 7.5       | 10        | 10         | 12.5       | 15         |
| For Ungeared (960 RPM)        | HP  | 2         | 3         | 5         | -         | -         | -         | -         | -          | -          | -          |
| Air Pressure Require          | BAR | 5.5       | 5.5       | 5.5       | 5.5       | 5.5       | 5.5       | 5.5       | 5.5        | 5.5        | 5.5        |
| Floor To Top of Bed           | MM  | 830       | 830       | 880       | 1000      | 1000      | 1000      | 1000      | 1000       | 1000       | 1000       |
| "All Over Size : LR x FB x H" | MM  | 800       | 1000      | 1000      | 1100      | 1200      | 1300      | 1500      | 1750       | 2050       | 2200       |
|                               |     | X         | X         | X         | X         | X         | X         | X         | X          | X          | X          |
|                               |     | 800       | 1000      | 1100      | 1200      | 1300      | 1350      | 1500      | 1750       | 2000       | 2150       |
|                               |     | X         | X         | X         | X         | X         | X         | X         | X          | X          | X          |
|                               |     | 1900      | 2100      | 2200      | 2400      | 2500      | 2650      | 2750      | 2900       | 3300       | 3500       |
| Weight Approximate            | Kg. | 600       | 600       | 1500      | 1900      | 2500      | 2700      | 3200      | 5500       | 6500       | 8000       |

• All Dimensions are in M.M.

• Design , Dimensions & Particulars are subject to alterations without notification.

**FOREMAN**<sup>®</sup>  
MACHINE TOOLS PVT. LTD.

in side  
productions





a cross  
industries



|                      |  |
|----------------------|--|
| Company Name:        | FOREMAN MACHINE TOOLS PVT. LTD.  |
| Year Established:    | 1979   |
| Registered Brand:    | FMT  |
| Business Type:       | Manufacturer & Exporter  |
| Products Range:      | C Type Power Press<br>H Type / Pillar Power Press<br>Pneumatic Presses |
| Range In Capacity:   | 5 Ton to 200 Ton   |
| Production Capacity: | 300 Pcs Per Year   |
| Number of Employees: | 11 - 25 People   |
| Certification:       | ISO 9001-2008 (TUV- Rheinland)   |



An ISO 9001:2008 Certified Company



SINCE 1979

**FOREMAN<sup>®</sup>**  
**MACHINE TOOLS PVT. LTD.**

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