



SINCE 1979

# FOREMAN<sup>®</sup>

MACHINE TOOLS PVT. LTD.

*Where Quality Is The Motto*



FMC series

**"C" TYPE  
POWER PRESSES**

**From 5 to 250 Ton**

"C" TYPE  
POWER PRESSES

An ISO 9001 Certified Company

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



**FMT** Brand Heavy Duty Mechanical Power Presses are coming in "C" frame versions from 5 ton to 250 ton 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 & decoilers 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 EN8D/EN9, The rolling key is manufactured from 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 EN8D/EN9 & precisely machining it to grind finish & fitted in Bronzed 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 from seasonal high grade casting duly ground 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 manual lubrication system provided. Also Automatic lubrication system offered against request.

## "C" Type Power Presses 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	FMC 250
<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>	<b>250</b>
Crankshaft Diameter	MM	85	105	123	140	145	160	170	190	196	220	230	250
Adj. Stroke Length	MM	38	50	63	76	76	89	100	115	130	150	150	165
Adjustment of Ram	MM	25	25	25	25	25	25	25	25	25	25	25	25
Ram Face Size	MM	190x100	240x114	292x127	317x140	342x152	368x165	393x177	444x190	495x203	622x241	750x292	-
Punch Hole in Ram	MM	25	25	32	38	38	45	45	50	50	80	80	80
Hole in Bed	MM	63	76	82	89	95	101	115	130	150	200	225	250
Bed Size : Left to Right	MM	355	432	534	585	635	685	712	738	891	1041	1100	1125
x		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	817
Bed Thickness	MM	50	58	63	70	76	83	88	95	114	127	137	145
Dist. between bed to Ram	MM	177	204	250	292	320	350	380	380	406	457	482	495
Flywheel Weight.	Kg.	50	70	90	110	150	210	300	340	360	450	800	950
Strokes per minute	MM	80	80	45	40	40	40	40	40	40	40	35	30
H. P. Required													
For Geared(1440 RPM)	HP	1	1.5	2	3	5	5	7.5	10	10	15	20	25
For Ungearred (960 RPM)	HP	1	2	3	5	-	-	-	-	-	-	-	-
Floor To Top of Bed	MM	700	830	830	880	1000	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	2300
		x	x	x	x	x	x	x	x	x	x	x	x
		600	800	1000	1100	1200	1300	1350	1500	1750	2000	2150	2200
		x	x	x	x	x	x	x	x	x	x	x	x
		1600	1900	2100	2200	2400	2500	2650	2750	2900	3300	3500	3600
Weight Approximate	Kg.	375	625	1200	1500	1900	2500	2700	3500	5000	6600	9000	10500

• All Dimensions are in M.M.

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

### STANDARD ACCESSORIES

1. Motor Pulley
2. Slide Adj. Spanner
3. Knock-out System
4. Oil Cups for Lubrication Point
5. Manual lubrication system ( 50 ton & above)

### OPTIONAL ACCESSORIES

1. Two hand operated clutch
2. Decoiler
3. Motorized lubrication system
4. Electric Motor, Starter and V-belts
5. Pneumatic / Servo feeder
6. Inclinaible Type

Manufacture by



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



+91- 281-2388542, 2388544



+ 91 - 94282 01789 | 93280 09990 | 94084 91790



**Office:** 9/6, Mani Nagar, Mavdi Plot, RAJKOT-360 004 (Gujarat) INDIA



**Mfg Unit:** Survey No. 46/1, Plot No. 44, 50 ft Road, Vavdi Ind. Area, Gondal Road NH, Vavdi, RAJKOT - 360 004 ( Gujarat ) INDIA.



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*Where Quality Is The Motto*



FMH series

**"H" TYPE  
POWER PRESSES**

**From 30 to 500 Ton**

"H" TYPE  
POWER PRESSES

An ISO 9001 Certified Company

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**FMT<sup>®</sup>** Brand Heavy Duty Mechanical Power Presses are coming in PILLAR /"H" frame versions from 30 ton to 500 ton 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 & decoilers 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 EN8D/EN9, The rolling key is manufactured from 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 EN8D/EN9 & precisely machining it to grind finish & fitted in Bronzed 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 from seasonal high grade casting duly ground 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 manual lubrication system provided. Also Automatic lubrication system offered against request.

## "H" Type Power Presses Specification

Model No.		FMH 30	FMH 50	FMH 80	FMH 100	FMH 150	FMH 200	FMH 250	FMH 300	FMH 400	FMH 500
<b>CAPACITY IN TONS</b>		<b>30</b>	<b>50</b>	<b>80</b>	<b>100</b>	<b>150</b>	<b>200</b>	<b>250</b>	<b>300</b>	<b>400</b>	<b>500</b>
Crankshaft Diameter	MM	140	160	190	190	196	220	220	255	295	295
Adj. Stroke Length	MM	76	89	115	115	127	152	152	178	203	203
Punch Hole in Ram	MM	38	45	50	50	80	80	80	80	80	80
Hole in Bed	MM	89	101	130	150	200	225	250	250	300	300
Bed Size : Left to Right x Front to Back	MM	410	460	522	609	660	762	863	915	1000	1100
		x	x	x	x	x	x	x	x	x	x
		460	510	575	660	710	812	914	915	1000	1100
Bed Thickness	MM	70	83	95	114	127	137	140	145	150	155
Dist. between bed to Ram	MM	292	356	406	457	457	482	495	550	600	650
Flywheel Weight.	Kg.	110	210	340	360	450	800	950	1050	1200	1400
Strokes per minute	MM	40	40	40	40	40	35	30	30	25	25
Required Motor	HP	3	5	10	10	15	20	25	30	40	50
Floor To Top of Bed	MM	880	1000	1000	1000	1000	1000	1000	1000	1000	1000
"All Over Size : LR x FB x H"	MM	1000	1200	1500	1750	2050	2200	2300	2450	2600	2800
		x	x	x	x	x	x	x	x	x	x
		1100	1300	1500	1750	2000	2150	2200	2350	2450	2500
		x	x	x	x	x	x	x	x	x	x
Weight Approximate	Kg.	1500	2500	3500	5000	6600	9000	11500	12500	13500	14500

• All Dimensions are in M.M.

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

### STANDARD ACCESSORIES

1. Motor Pulley
2. Slide Adj. Spanner
3. Knock-out System
4. Oil Cups for Lubrication Point
5. Manual lubrication system (50 ton & above)

### OPTIONAL ACCESSORIES

1. Two hand operated clutch
2. Decoiler
3. Automatic lubrication system
4. Electric Motor, Starter and V-belts
5. Pneumatic / Servo feeder
6. Inclinal Type

Manufacture by



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FNC series

**PNEUMATIC  
POWER PRESSES**

From 30 to 250 Ton

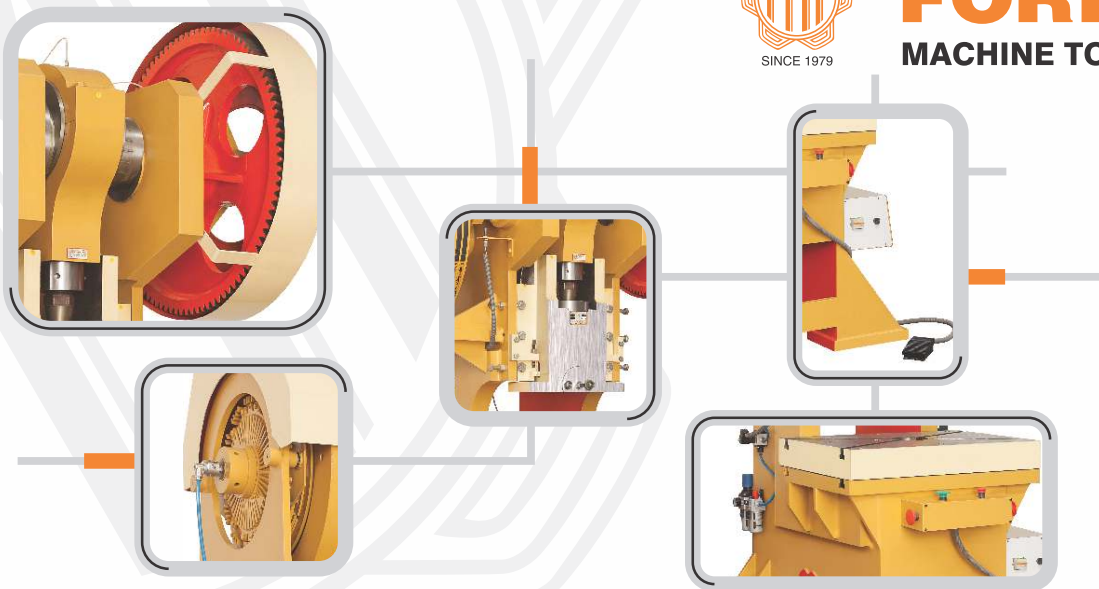
PNEUMATIC  
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MACHINE TOOLS PVT. LTD.



## Pneumatic Power Presses Specification

Model No.		FNC 30	FNC 40	FNC 50	FNC 60	FNC 80	FNC 100	FNC 150	FNC 200	FNC 250
<b>CAPACITY IN TONS</b>		30	40	50	60	80	100	150	200	250
Crankshaft Diameter	MM	140	145	160	170	190	196	220	230	250
Adj. Stroke Length	MM	76	76	89	100	115	130	150	150	165
Ram Face Size	MM	317x140	342x152	368x165	393x177	444x190	495x203	622x241	750x292	-
Adjustment of Ram	MM	25	25	25	25	25	25	25	25	25
Punch Hole in Ram	MM	38	38	45	45	50	50	80	80	80
Hole in Bed	MM	89	95	101	115	130	150	200	225	250
Bed Size : Left to Right X Front to Back	MM	585 X 355	635 X 355	685 X 406	712 X 457	738 X 508	891 X 612	1041 X 737	1100 X 817	1125 X 817
Bed Thickness	MM	70	76	83	88	95	114	127	137	145
Dist. between bed to Ram	MM	292	320	350	380	380	406	457	482	495
Flywheel Weight.	Kg.	135	175	235	325	365	410	500	850	950
Strokes per minute	MM	50	50	50	50	50	40	40	35	35
H. P. Required										
For Geared (1440 RPM)	HP	3	5	5	7.5	10	10	15	20	25
For Ungeared (960 RPM)	HP	5	-	-	-	-	-	-	-	-
Air Pressure Require	BAR	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Floor To Top of Bed	MM	880	1000	1000	1000	1000	1000	1000	1000	1000
"All Over Size : LR x FB x H"	MM	1000 X 1100 X 2200	1100 X 1200 X 2400	1200 X 1300 X 2500	1300 X 1350 X 2650	1500 X 1500 X 2750	1750 X 1750 X 2900	2050 X 2000 X 3300	2200 X 2150 X 3500	2300 X 2200 X 3600
Weight Approximate	Kg.	1500	1900	2500	2700	3500	5000	6600	9000	10500

• All Dimensions are in M.M.

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### STANDARD ACCESSORIES

1. Two Hand Push Button Controlled
2. Operator Control Panel Board
3. Foot Switch Operation
4. Manual Lubrication System

### OPTIONAL ACCESSORIES

1. Stock Counter
2. Motorized Lubrication System
3. Pneumatic Balance Cylinder
4. Photo Safety Sensor
5. Hydraulic Overload Safety Device
6. Die Cushion
7. Decoiler
8. Pneumatic / Servo Feeder

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