



FOREMAN[®]
MACHINE TOOLS PVT. LTD.

Where Quality Is The Motto

An ISO 9001 Certified Company



FOREMAN[®]
MACHINE TOOLS PVT. LTD.

Survey No. 46/1, Plot No.44,
Vrindavan Gaushala, 50 Feet Road,
Opp. Samrat Hydraulic, Vavdi Industrial Area,
Rajkot - 360 004. (Gujarat) INDIA.

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Manufacturer of
Power Presses
Capacity 5 to 500 Tons

An ISO 9001 Certified Company

FOREMAN[®]
MACHINE TOOLS PVT. LTD.

a cross
industries



Company Name	FOREMAN MACHINE TOOLS PVT. LTD.
Regi. Office & Factory	Survey No. 46/1, Plot No.44, Vrindavan Gaushala, 50 Feet Road, Opp. Samrat Hydraulic, Vavdi Industrial Area, Rajkot - 360 004.(Gujarat) INDIA.
Year Established	1979
Registered Brand	FMT & FOREMAN
Business Type	Manufacturer & Exporter
Products Range	Mechanical C/ H Type Power Press Pneumatic C/H Type Power Press Hydraulic C/H Type Power Press Mechanical / Hydraulic NC Shearing Hydraulic NC Press Brake
Production Capacity	700 Pcs Per Year
Number of Employees	11 - 50 People
Certification	ISO 9001-2015 Certified Company



optional accessories



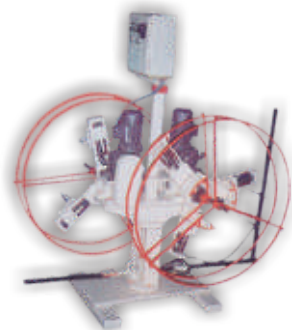
Mechanical Roll Feeder



Single Decoiler



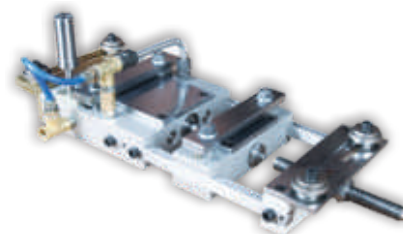
Compact type Decoiler
Cum Straightener



Twin Decoiler



Servo Feeder



Pneumatic Feeder

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[®] is equipped with highly accurate in house machinery and great infrastructure which enables us to manufacture superior quality Power Presses.

At **FMT**[®] 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.

Where Quality Is The Motto



FMC series

"C" TYPE POWER PRESSES

From 5 to 200 Ton

"C" TYPE POWER PRESSES

FMT Brand Heavy Duty Mechanical Power Presses are coming in "C" frame versions from 5 ton to 200 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 duty 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
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	101	114	127	152	152
Adjustment of Ram	MM	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
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	736	890	1041	1092
x		x	x	x	x	x	x	x	x	x	x	x
Front to Back		178	228	305	355	355	406	457	508	610	737	812
Bed Thickness	MM	50	58	63	70	76	83	88	95	114	127	137
Dist. between bed to Ram	MM	203	254	305	330	330	355	381	406	432	457	482
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	725	800	800	850	850	900	900	900	900	900
"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	1100	1400	1800	2400	2600	3400	4800	6500	9000

• All Dimensions are in M.M.

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

STANDARD ACCESSORIES

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

OPTIONAL ACCESSORIES

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

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FMH series

"H" TYPE POWER PRESSES

"H" Type Power Presses

FMT® 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
CAPACITY IN TONS		30	50	80	100	150	200	250	300	400	500
Crankshaft Diameter	MM	140	160	190	190	196	220	220	255	295	295
Adj. Stroke Length	MM	76	89	114	127	152	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	406 x 457	457 x 508	533 x 584	609 x 660	660 x 711	762 x 812	863 x 914	915 x 915	990 x 990	1092 x 1092
Bed Thickness	MM	70	83	95	114	127	137	140	145	150	155
Dist. between bed to Ram	MM	330	355	406	432	457	482	495	558	609	660
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	800	850	900	900	900	900	900	900	900	900
"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
		2200	2500	2750	2900	3300	3500	3800	4000	4200	4400
Weight Approximate	Kg.	1400	2400	3400	4800	6500	9000	10500	12500	13500	14500

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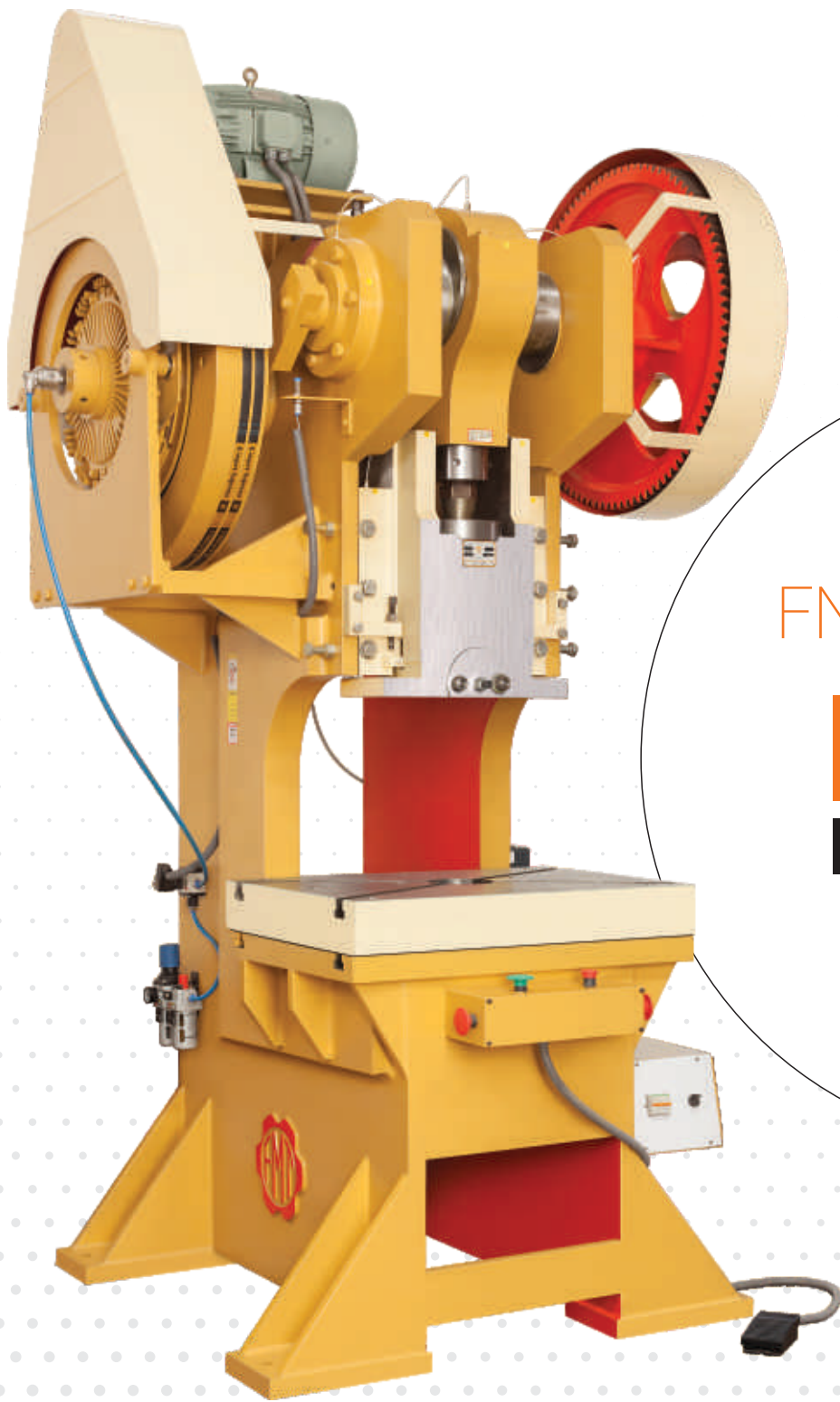
STANDARD ACCESSORIES

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

OPTIONAL ACCESSORIES

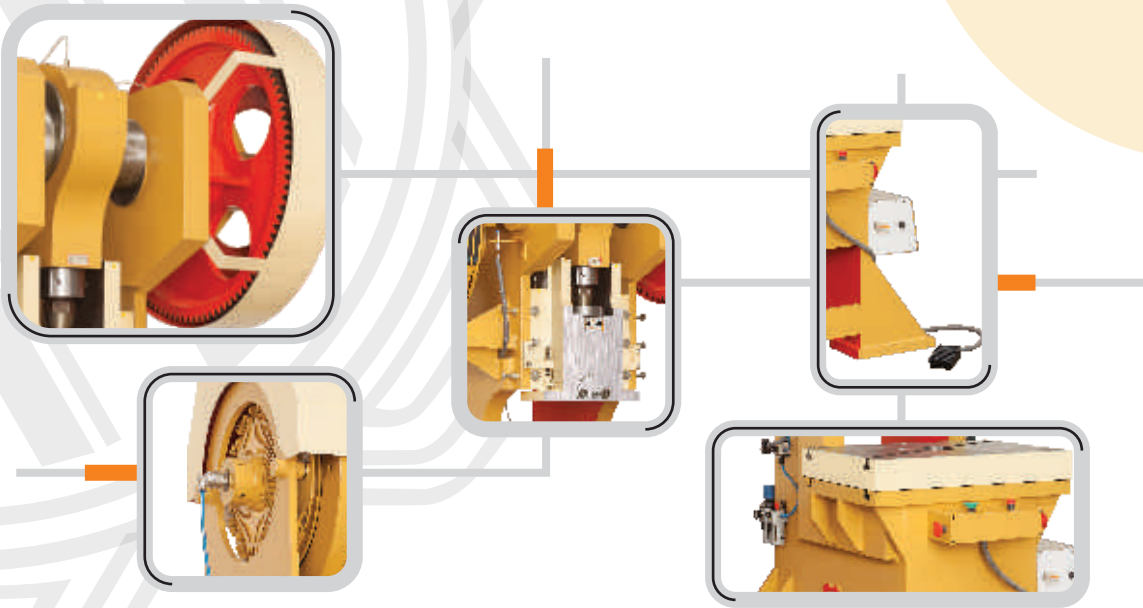
1. Two hand operated clutch
2. Decoiler
3. Automatic lubrication system
4. Electric Motor, Starter and V-belts
5. Pneumatic / Servo feeder
6. Inclined Type

Where Quality Is The Motto



FNC series

**PNEUMATIC
POWER PRESSES**
From 30 to 200 Ton



Pneumatic Power Presses Specification

Model No.		FNC 30	FNC 40	FNC 50	FNC 60	FNC 80	FNC 100	FNC 150	FNC 200
CAPACITY IN TONS		30	40	50	60	80	100	150	200
Crankshaft Diameter	MM	140	145	160	170	190	196	220	230
Adj. Stroke Length	MM	76	76	89	101	114	127	152	152
Ram Face Size	MM	317x140	342x152	368x165	393x177	444x190	495x203	622x241	750x292
Adjustment of Ram	MM	25	25	25	25	25	25	25	25
Punch Hole in Ram	MM	38	38	45	45	50	50	80	80
Hole in Bed	MM	89	95	101	115	130	150	200	225
Bed Size : Left to Right x Front to Back	MM	585 x 355	635 x 355	685 x 406	712 x 457	736 x 508	890 x 610	1041 x 737	1092 x 812
Bed Thickness	MM	70	76	83	88	95	114	127	137
Dist. between bed to Ram	MM	330	330	355	381	406	432	457	482
Strokes per minute	MM	50	50	50	50	50	40	40	35
H. P. Required									
For Geared(1440 RPM)	HP	3	5	5	7.5	10	10	15	20
For Ung geared (960 RPM)	HP	5	-	-	-	-	-	-	-
Air Pressure Require	BAR	6	6	6	6	6	6	6	6
Floor To Top of Bed	MM	800	850	850	900	900	900	900	900
"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
Weight Approximate	Kg.	1500	1900	2500	2700	3500	5000	6600	9000

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

- STANDARD ACCESSORIES**
- 1. Two Hand Push Button Controlled
 - 2. Operator Control Panel Board
 - 3. Foot Switch Operation
 - 4. Manual Lubrication System
 - 5. Stroke Counter

- OPTIONAL ACCESSORIES**
- 1. Motorized Lubrication System
 - 2. Pneumatic Balance Cylinder
 - 3. Photo Safety Sensor
 - 4. Hydraulic Overload Safety Device
 - 5. Die Cushion
 - 6. Decoiler
 - 7. Pneumatic / Servo Feeder

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FHC series

**"C" TYPE HYDRAULIC
POWER PRESSES**

From 10 to 200 Ton

FMT Brand Heavy Duty Hydraulic Power Press are coming in 'C' Frame versions from 10 Ton to 200 Ton Capacity in most economical Type of construction with several Standard/ Optional Features.

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, Machine is made using High Grade raw material and Premium quality hydraulic components to ensure durability and best performance

"C" Type HYDRAULIC Power Presses Specification

Model No.		FHC 10	FHC 20	FHC 30	FHC 40	FHC 50	FHC 60	FHC 80	FHC 100	FHC 150	FHC 200
CAPACITY IN TONS		10	20	30	40	50	60	80	100	150	200
Adj. Stroke Length Max	MM	75	100	150	150	150	150	200	200	200	200
Ram Face Size	MM	240 x 114	292 x 127	317 x 140	342 x 152	368 x 165	393 x 177	444 x 190	495 x 203	622 x 241	750 x 292
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 (Left to Right x Front to Back)	MM	432 X 228	534 X 305	585 X 355	635 X 355	685 X 406	712 X 457	738 X 508	891 X 612	1041 X 737	1100 X 817
Dist. between bed to Ram	MM	225	250	300	350	350	400	400	450	500	550
Stroke Per Minute(25mm Length)	SPM	60	60	60	60	60	60	60	60	60	60
H. P. Required	HP	2	3	3	5	5	5	7.5	10	15	20
Oil Tank (Litre)	LTR	70	80	110	110	160	160	275	340	460	460
Floor To Top of Bed	MM	725	750	750	750	775	775	775	775	775	775
Weight Approximate	Kg	550	1050	1200	1600	2000	2200	3000	4000	5600	8000

• All Dimensions are in M.M.

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SALIENT FEATURES

- Limit Switch for Easy Die Adjustment
- Adjustable Hydraulic Pressure Valve for Different Works to avoid Accident
- Machine All Parts Move in Linear Motion to Reduce Maintenance
- Efficient Compact Silence Hydraulic Power Pack
- Electrical Control Panel with Selection of Auto – Inching – Manual Mode of Operation
- Movable Foot Switch for Operation from Safe Position
- Application: Punching, Stamping, Forming, Embossing, Cutting, Bending Rivetting Etc.

List of Parts We Use for Best Quality

Part Name	Make
Pressure Gauge	Micro / Pointer
Valves & Pumps	Yuken / Rexroth / Veljan / Atos / Prism
Filter	Hydroline
Oil Pipe (Flexible)	Supersile / Gets
Motor	ABB/ Siemens/ Crompton
CYLINDER	
Seal	Hallite (UK)/ Parker/ Tecklon (Italy) / Tas
Rod	Hard Chrome Plated (100 Micron)
PANEL BOARD	
Contactors / Relay	Siemens / Schneider / BCH
Wire	Finolex / RR Cable / Polycab

STANDARD ACCESSORIES

1. Main Drive Motor
2. Power Pack with All Hydraulic Component
3. Electrical Control Panel with Limit Switch and Foot Paddle Switch
4. Slide Adj. Spanner
5. Stock Counter in Control Panel
6. Two Hand Operated Push Panel

OPTIONAL ACCESSORIES

1. Safety Light Curtain (Sensor)
2. Pneumatic / Servo Feeder
3. Motorised Decoiler



REAR CYLINDER
HYDRAULIC PRESS BRAKE

1270 x 2 mm to 8000 x 8 mm
20 Ton to 1000 Ton

Rear Cylinder Hydraulic Press Brake Specification

MODEL	TONNAGE	BENDING CAP. IN MS LENGTH x THICKNESS	TABLE WIDTH	CLEAR DISTANCE	RAM STROKE	OPEN HEIGHT	DEPTH	POWER H.P.	SPEED AAP. PRE. RET.	PACKING DIMENSION IN MM		
										LENGTH A	WIDTH B	HEIGHT C
PBR-212	20	1270 x 2.5	150	900	100	250	200	3	35-9-60	1400	1050	1900
PBR-215	20	1525 x 2	150	1100	100	250	200	3	35-9-60	1700	1050	1900
PBR-312	30	1270 x 3	150	900	100	250	200	3	30-9-53	1400	1050	1900
PBR-315	30	1525 x 2.15	150	1100	100	250	200	3	30-9-53	2700	1050	1900
PBR-320	30	2030 x 2	150	1500	100	250	200	3	30-9-53	2200	1050	1900
PBR-325	30	2540 x 1.6	150	2000	100	250	200	3	30-9-53	2700	1050	1900
PBR-412	40	1270 x 4	150	900	100	250	200	5	35-9-55	1400	1050	1900
PBR-415	40	1525 x 3	150	1100	100	250	200	5	35-9-55	1700	1050	1900
PBR-420	40	2030 x 2.5	150	1550	100	250	200	5	35-9-55	2200	1050	1900
PBR-425	40	2540 x 2	150	2000	100	250	200	5	35-9-55	2700	1050	1900
PBR-430	40	3125 x 1.6	150	2500	400	250	200	5	35-9-55	3300	1050	1900
PBR-512	50	1270 x 5	175	900	125	250	200	5	30-7-55	1400	1050	1900
PBR-515	50	1525 x 4	175	1100	125	250	200	5	30-7-55	1700	1050	1900
PBR-520	50	2030 x 3	175	1550	125	250	200	5	30-7-55	2200	1050	1900
PBR-525	50	2540 x 2.5	175	2000	125	250	200	5	30-7-55	2700	1050	1900
PBR-530	50	3125 x 2	175	2500	125	250	200	5	30-7-55	3300	1050	1900
PBR-612	60	1270 x 6	175	900	125	330	200	5	25-6-50	1400	1200	2000
PBR-615	60	1525 x 5	175	1100	125	330	200	5	25-6-50	1700	1200	2000
PBR-620	60	2030 x 4	175	1550	125	330	200	5	25-6-50	2200	1200	2000
PBR-625	60	2540 x 3	175	2000	125	330	200	5	25-6-50	2700	1200	2000
PBR-630	60	3125 x 2.5	175	2500	125	330	200	5	25-6-50	3300	1200	2000
PBR-812	80	1270 x 8	200	400	150	330	200	7.5	37-6-41	1400	1500	2200
PBR-815	80	1525 x 6	200	1100	150	330	250	7.5	37-6-41	1700	1500	2200
PBR-820	80	2030 x 5	200	1550	150	330	250	7.5	37-6-41	2200	1500	2200
PBR-825	80	2540 x 4	200	2000	150	330	250	7.5	37-6-41	2700	1500	2200
PBR-830	80	3125 x 3	200	2500	150	330	250	7.5	37-6-41	3300	1500	2200
PBR-840	80	4000 x 2.5	200	3500	150	330	250	7.5	37-6-41	4200	1500	2200
PBR-1012	100	1270 x 10	200	900	150	330	250	7.5	40-5-40	1400	1500	2200
PBR-1015	100	1525 x 8	200	1100	150	330	250	7.5	40-5-40	1700	1500	2200
PBR-1020	100	2030 x 6	200	1550	150	330	250	10	40-5-40	2200	1600	2300
PBR-1025	100	2540 x 5	200	2000	150	330	250	10	40-5-40	2700	1600	2300
PBR-1030	100	3125 x 4	200	2500	150	330	250	10	40-5-40	3300	1600	2300
PBR-1040	100	4000 x 3	200	3000	150	330	250	10	40-5-40	4200	1600	2300
PBR-1050	100	5000 x 2.5	200	4000	150	330	250	10	40-5-40	5200	1600	2300
PBR-1060	100	6000 x 2	200	5000	150	330	250	10	40-5-40	6200	1600	2300
PBR-1212	120	1270 x 12	225	900	150	330	300	10	41-6-41	1400	1700	2300
PBR-1215	120	1525 x 10	225	1100	150	330	300	10	41-6-41	1700	1700	2500
PBR-1220	120	2030 x 8	200	1550	150	330	300	10	41-6-41	2200	1700	2800
PBR-1225	120	2540 x 6	200	2000	150	330	300	10	41-6-41	2700	1700	2500
PBR-1230	120	3125 x 5	200	2500	150	330	300	10	41-6-41	3300	1700	2500
PBR-1240	120	4000 x 4	200	3000	150	330	300	10	41-6-41	4200	1700	2500
PBR-1250	120	5000 x 3	150	4000	150	330	300	10	41-6-41	5200	1700	2500
PBR-1260	120	6000 x 2.5	150	5000	150	330	300	10	41-6-41	6200	1700	2500
PBR-1612	160	1270 x 16	225	900	200	375	300	15	40-6-40	1400	1800	2500
PBR-1615	160	1525 x 12	225	1100	200	375	300	15	40-6-40	1700	1800	2500
PBR-1620	160	2030 x 10	225	1550	200	375	300	15	40-6-40	2200	1800	2500
PBR-1625	160	2540 x 8	200	2000	200	375	300	15	40-6-40	2700	1800	2500
PBR-1630	160	3125 x 6	200	2500	200	375	300	15	40-6-40	3300	1800	2500
PBR-1640	160	4000 x 5	200	3000	200	375	300	15	40-6-40	4200	1800	2500
PBR-1650	160	5000 x 4	175	4000	200	375	300	15	40-6-40	5200	1800	2500



FOREMAN[®]
MACHINE TOOLS PVT. LTD.

Rear Cylinder Hydraulic Press Brake Specification

MODEL	TONNAGE	BENDING CAP. IN MS LENGTH x THICKNESS	TABLE WIDTH	CLEAR DISTANCE	RAM STROKE	OPEN HEIGHT	DEPTH	POWER H.P.	SPEED AAP. PRE. RET.	PACKING DIMENSION IN MM		
										LENGTH A	WIDTH B	HEIGHT C
PBR-1660	160	6000 x 3	175	5000	200	375	300	15	40-6-40	6200	1800	2500
PBR-2020	200	2030 x 12	250	1550	200	375	300	20	37-5-37	2200	2000	2600
PBR-2025	200	2540x10	250	2000	200	375	300	20	37-5-37	2700	2000	2600
PBR-2030	200	3125 x 8	250	2500	200	375	300	20	37-5-37	3300	2000	2600
PBR-2040	200	4000 x 6	200	3000	200	375	300	20	37-5-37	4200	2000	2600
PBR-2050	200	5000 x 5	200	4000	200	375	300	20	37-5-37	5200	2000	2600
PBR-2060	200	6000 x 4	200	5000	200	375	300	20	37-5-37	6200	2000	2600
PBR-2520	250	2030 x 16	300	1550	200	375	300	25	40-5-40	2200	2100	2700
PBR-2525	250	2540 x 13	300	2000	200	375	300	25	40-5-40	2700	2100	2200
PBR-2530	250	3125 x 10	250	2500	200	375	300	25	40-5-40	2300	2100	2700
PBR-2540	250	4000 x 8	200	3000	200	375	300	25	40-5-40	4200	2100	2700
PBR-2550	250	5000 x 6	200	4000	200	375	300	25	40-5-40	5200	2100	2700
PBR-2560	250	6000 x 5	200	5000	200	375	300	25	40-5-40	6200	2100	2700
PBR-3020	300	2030 x 20	275	1550	200	425	300	30	36-5-36	2200	2150	2900
PBR-3025	300	2540 x 16	275	2000	200	425	300	30	36-5-36	2700	2150	2900
PBR-3030	300	3125 x 13	275	2500	200	425	300	30	36-5-36	3300	2150	2900
PBR-3040	300	4000 x 10	275	3000	200	425	300	30	36-5-36	4200	2150	2900
PBR-3050	300	5000 x 8	250	4000	200	425	300	30	36-5-36	5200	2150	2900
PBR-3060	300	6000 x 6	250	5000	250	425	300	30	36-5-36	6200	2150	2900
PBR-4020	400	2030 x 25	400	1550	250	450	350	40	34-5-34	2200	2200	3000
PBR-4025	400	2540 x 20	400	2000	250	450	350	40	34-5-34	2700	2200	3000
PBR-4030	400	3125 x 16	300	2500	250	450	350	40	34-5-34	3300	2200	3000
PBR-4040	400	4000 x 13	300	3000	250	450	350	40	34-5-34	4200	2200	3000
PBR-4050	400	5000 x 10	300	4000	250	450	350	40	34-5-34	5200	2200	3000
PBR-4060	400	6000 x 8	350	5000	250	450	350	40	34-5-34	6200	2200	3000
PBR-5020	500	2030 x 30	400	1550	250	450	350	50	28-5-28	2200	2300	3200
PBR-5025	500	2540 x 25	400	2000	250	450	400	50	28-5-28	2700	2300	3200
PBR-5030	500	3125 x 20	400	2500	250	450	400	50	28-5-28	3300	2300	3200
PBR-5040	500	4000 x 16	300	3000	250	450	400	50	28-5-28	4200	2300	3200
PBR-5050	500	5000 x 13	300	4000	250	450	400	50	28-5-28	5200	2300	3200
PBR-5060	500	6000 x 10	300	5000	250	450	400	50	28-5-28	6200	2300	3200

SUPPLY: 400/440 Volts, 3 Phase, 50 Cycles, All dimensions are in mm NOTE: Electricals & Blades are not under Warranty. Specification / Design are Subject to change without prior notice

STANDARD FEATURES FOR BASIC MODEL

Ram travel repeatable within +0.03mm for consistent bends for Interchangeable output Ram travels is referenced from bed to avoid side frame deflections affecting stroke accuracy. Rugged structure from ultra tested Is 2062 plates, rigidity conforming to International standards. Hydraulic, electrical of Internationally reputed brands for consistent performance and reliable operation Front operated manually back gauge front sheet support with scale Most hydraulic parts rated for 310 bar but working pressure only 160 bar for long life, reliable operation Ram guides of 4-piece design with replaceable liners. Pivots with permanently lubricated bearings or hardened parts lubricated by central hand pump Cylinders of ultra-tested seamless honed tubes, hard chrome-plated pistons, dual seals)Teflon ring plus set of chevron packing) for extra reliability. 3-speed bending cycles for faster output yet slow smooth bonding with minimal shock loads. Movable control station with majority controls, emergency stop, up down foot-switch controls, Inch. cycle mode for set-up and one-off jobs. Single cycles modes for repeat cycles, production runs. Main cylinder seals can be easily replaced without requiring crane of dismantling the ram. Hydraulic powder gives silent working, better safety against overload, instant stoppage-reversal of ram One set of unhandled standard punch, multi-V die Block Lifting chains system and rotation of die block when using multi-vee die block.

STANDARD ACCESSORIES

- Electric Motor ABB / Siemens • Control Panel With Selection of Inch-Once-Auto Mode of Operation • Foot Switch Fine Stroke Adjustment Rod With Limit Switch
- Front Side Sheet Support • Manually Back Gauge - 750 mm • Hydraulic System • Pump & Valve Yuken Make • Control Panel - Auto-One-Inch Cycle
- Standard V-Block & V-Punch• Manual Lubrication • Instruction Manual

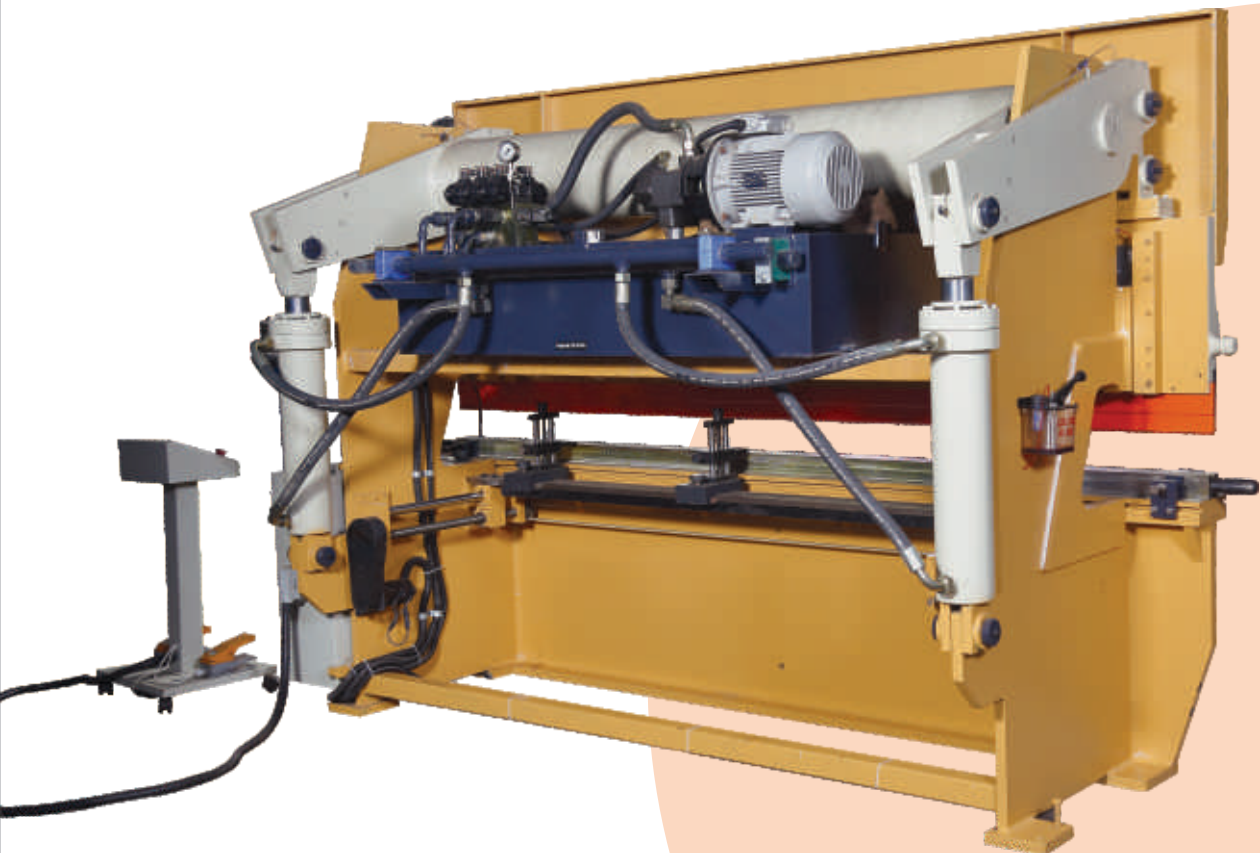
OPTIONAL ACCESSORIES

- Motorize Back Gauge with D.R.O. • NC Back Gauge • NC Control Y Axes • Goose Neck Punch Die & Punch

Capacities rated for MS, (UTS, 45 kg/mm²) Bending capacities stated are only representative and non binding. Allow extra capacity for material inconsistencies, bending conditions Right to change specification, features without notico reserved. Compliance with safety requirements as por local regulations is responsibility of the user.



FOREMAN[®]
MACHINE TOOLS PVT. LTD.





**VARIABLE RAKE ANGLE
HYDRAULIC SHEARING**
1500 x 3 mm to 8000 x 25 mm
20 Ton to 1000 Ton

Hydraulic Shearing Specification

MODEL	CUTTING LENGTH MM	NORMAL RAKE ANGLE (M.S.)	MAXIMUM RAKE ANGLE (M.S.)	NORMAL RAKE ANGLE (S.S.)	MAXIMUM RAKE ANGLE (S.S.)	VARIABLE RAKE ANGLE	STROKE /MINUTE MIN & MAX RAKE ANGLE	HOLD DOWNS	POWER H.P.	PACKING DIMENSION IN MM		
										LENGTH A	WIDTH B	HEIGHT C
HVR-315	1500	3	4	2	3	0.5-3°	26 / 13	9	5	2250	1850	1950
HVR-320	2000	3	4	2	3	0.5-3°	24 / 12	11	5	2750	1850	1950
HVR-325	2500	3	4	2	3	0.5-3°	22 / 11	13	5	3200	1850	1950
HVR-330	3000	3	4	2	3	0.5-3°	20 / 10	17	7.5	3700	1850	1950
HVR-415	1500	4	6	3	4	0.5-3°	30 / 15	9	5	2250	1850	1950
HVR-420	2000	4	6	3	4	0.5-3°	27 / 12	11	7.5	2750	1850	1950
HVR-425	2500	4	6	3	4	0.5-3°	26 / 10	13	7.5	3300	1850	1950
HVR-430	3000	4	6	3	4	0.5-3°	25 / 10	17	7.5	3700	2250	2400
HVR-440	4000	4	6	3	4	0.5-3°	20 / 8	21	7.5	4700	2250	2400
HVR-450	5000	4	6	3	4	0.5-3°	15 / 6	25	10	5700	1900	2100
HVR-460	6000	4	8	3	4	0.5-3°	14 / 5	30	12.5	6700	1400	2100
HVR-615	1500	6	8	4	6	0.5-3°	20 / 10	9	7.5	2250	1900	2100
HVR-620	2000	6	8	4	6	0.5-3°	20 / 10	11	7.5	1750	1900	2100
HVR-625	2500	6	8	4	6	0.5-3°	25 / 11	13	10	3300	2250	2500
HVR-630	3000	6	8	4	6	0.5-3°	23 / 9	17	10	3800	2250	2500
HVR-640	4000	6	8	4	6	0.5-3°	20 / 8	21	12.5	4800	2500	2500
HVR-650	5000	6	8	4	6	0.5-3°	16 / 7	25	15	5800	2500	2700
HVR-660	6000	6	8	4	6	0.5-3°	12 / 5	30	20	6800	2700	2700
HVR-815	1500	8	10	6	8	0.5-3°	21 / 10	9	10	2250	2050	2200
HVR-820	2000	8	10	6	8	0.5-3°	17 / 8	11	10	2750	2050	2200
HVR-825	2500	8	10	6	8	0.5-3°	19 / 8	13	12.5	3300	2350	2600
HVR-830	3000	8	10	6	8	0.5-3°	17 / 7	17	15	3800	2350	2600
HVR-840	4000	8	10	6	8	0.5-3°	15 / 6	21	20	4800	2350	2600
HVR-850	5000	8	10	6	8	0.5-3°	14 / 5	25	20	5800	2500	2800
HVR-860	6000	8	10	6	8	0.5-3°	12 / 5	30	25	6800	2700	3000
HVR-1015	1500	10	13	8	10	0.5-3°	19 / 10	9	12.5	2250	2050	2300
HVR-1020	2000	10	13	8	10	0.5-3°	18 / 8	11	12.5	2750	2050	2300
HVR-1025	2500	10	13	8	10	0.5-3°	16 / 7	13	15	3300	2500	2800
HVR-1030	3000	10	13	8	10	0.5-3°	15 / 7	17	15	3800	2500	2800
HVR-1040	4000	10	13	8	10	0.5-3°	13 / 5	21	25	4800	2600	3000
HVR-1050	5000	10	13	8	10	0.5-3°	12 / 5	25	25	5800	2800	3000
HVR-1060	6000	10	13	8	10	0.5-3°	10 / 4	30	30	6800	3000	3200
HVR-1315	1500	13	16	10	13	1-4°	15 / 7	9	15	2300	2200	2500
HVR-1320	2000	13	16	10	13	1-4°	10 / 4	11	15	2800	2200	2500
HVR-1325	2500	13	16	10	13	1-4°	8 / 4	13	25	3350	2600	2800
HVR-1330	3000	13	16	10	13	1-4°	8 / 4	17	25	3850	2600	2800
HVR-1340	4000	13	16	10	13	1-4°	8 / 4	21	25	4850	2600	2800
HVR-1350	5000	13	16	10	13	1-4°	6 / 2	25	30	5850	2800	3000
HVR-1360	6000	13	20	10	13	1-4°	4 / 1	30	35	6850	3000	3200
HVR-1615	1500	16	20	13	16	1-4°	10 / 4	9	25	2350	2200	2600
HVR-1620	2000	16	20	13	16	1-4°	10 / 4	11	30	2850	2200	2600
HVR-1625	2500	16	20	13	16	1-4°	9 / 3	13	30	3350	2600	2900
HVR-1630	3000	16	20	16	16	1-4°	12 / 2	17	30	3900	2600	2900
HVR-1640	4000	16	20	16	16	1-4°	12 / 2	21	30	4900	2800	3000
HVR-1650	5000	16	20	16	16	1-4°	10 / 1	25	35	5900	3000	3200
HVR-1660	6000	16	20	16	16	1-4°	9 / 1	30	40	6900	3200	3400
HVR-2015	1500	20	25	16	20	1-4°	9 / 4	9	30	2350	2500	2600
HVR-2020	2000	20	25	16	20	1-4°	9 / 4	11	40	3900	2500	2600
HVR-2025	2500	20	25	16	20	1-4°	8 / 2	13	40	3500	2750	3000
HVR-2030	3000	20	25	16	20	1-4°	7 / 3	17	40	4000	2750	3000



FOREMAN[®]
MACHINE TOOLS PVT. LTD.

Hydraulic Shearing Specification

MODEL	CUTTING LENGTH MM	NORMAL RAKE ANGLE (M.S.)	MAXIMUM RAKE ANGLE (M.S.)	NORMAL RAKE ANGLE (S.S.)	MAXIMUM RAKE ANGLE (S.S.)	VARIABLE RAKE ANGLE	STROKE /MINUTE MIN & MAX RAKE ANGLE	HOLD DOWNS	POWER H.P.	PACKING DIMENSION IN MM		
										LENGTH A	WIDTH B	HEIGHT C
HVR-2040	4000	20	25	16	20	1-4°	7 / 2	21	50	5000	2950	3200
HVR-2050	5000	20	25	16	20	1-4°	7 / 2	25	60	6000	3100	3400
HVR-2060	6000	20	25	16	20	1-4°	6 / 2	30	40	7000	3300	3600
HVR-2515	1500	25	30	20	25	1-4°	6 / 2	9	50	2400	2800	2800
HVR-2520	2000	25	30	20	25	1-4°	8 / 4	11	50	3100	2800	2800
HVR-2525	2500	25	30	20	25	1-4°	7 / 3	13	60	3600	2900	3000
HVR-2530	3000	25	30	20	25	1-4°	7 / 2	17	60	4100	3000	3200
HVR-2540	4000	25	30	20	25	1-4°	6 / 2	21	75	5100	3100	3200
HVR-2550	5000	25	30	20	25	1-4°	7 / 1	25	75	6100	3200	3500
HVR-2560	6000	25	30	20	25	1-4°	6 / 1	30	75	7100	3400	3700

SALIENT FEATURES

- Rugged structure as per international standards
- Moving beam synchronized by differential cylinders
- Hardened rollers guide beam for constant blade gap
- Rake angle adjustable to suit thickness and material
- Blade gap adjusted with leavers for clean cuts
- Sheets clamped hydraulically before cut starts
- Shearing-clamping forces adjustable to suit job
- Squaring arm 600mm at right-helps distribute wear
- Front gauging with stops, scale on squaring arm + +
- Both blades premium H.C.H.C.R., four usable edges
- Cutting length and position adjustable for shorter jobs
- Beam returns on releasing foot switch for smaller cuts
- Cutting area illuminated for clear view
- First two hold-downs spaced closer at both ends
- Squaring arm 1000mm at left with hardened lines
- Front operated powered back Gauge range 1000mm
- Boll Transfer Recessed table for easy sheet feeding
- Sheet supporter 1000mm long help supports long plates
- Ramp on rear slides out cut sheets outside shear area
- Foot switch movable for operation from safe position
- Finger safety guard with clear view of lighted cutting area
- Dependable global of hydraulics, electrical
- Efficient compact power pack with minimum piping
- Electrical neatly wired-labelled for trouble shooting

STANDARD ACCESSORIES

- 4 Edge Cutting Blade
- Front Side T Slot Support
- Fine Strike Adjustment Rod With Limit Switch
- Front Side Sheet Support
- Front Side Ball Transfer Mounting Plate
- Back Gauge Manually - 750mm
- Hydraulic System - Pump & Valve Yuken Make
- Up&Down Foot Switch & Push Button
- Motor -Siemens / ABB Auto &Manual Selector Switch
- Electrical Control Panel with Variable Rake
- Angle Selector Switch & L.R. Controller

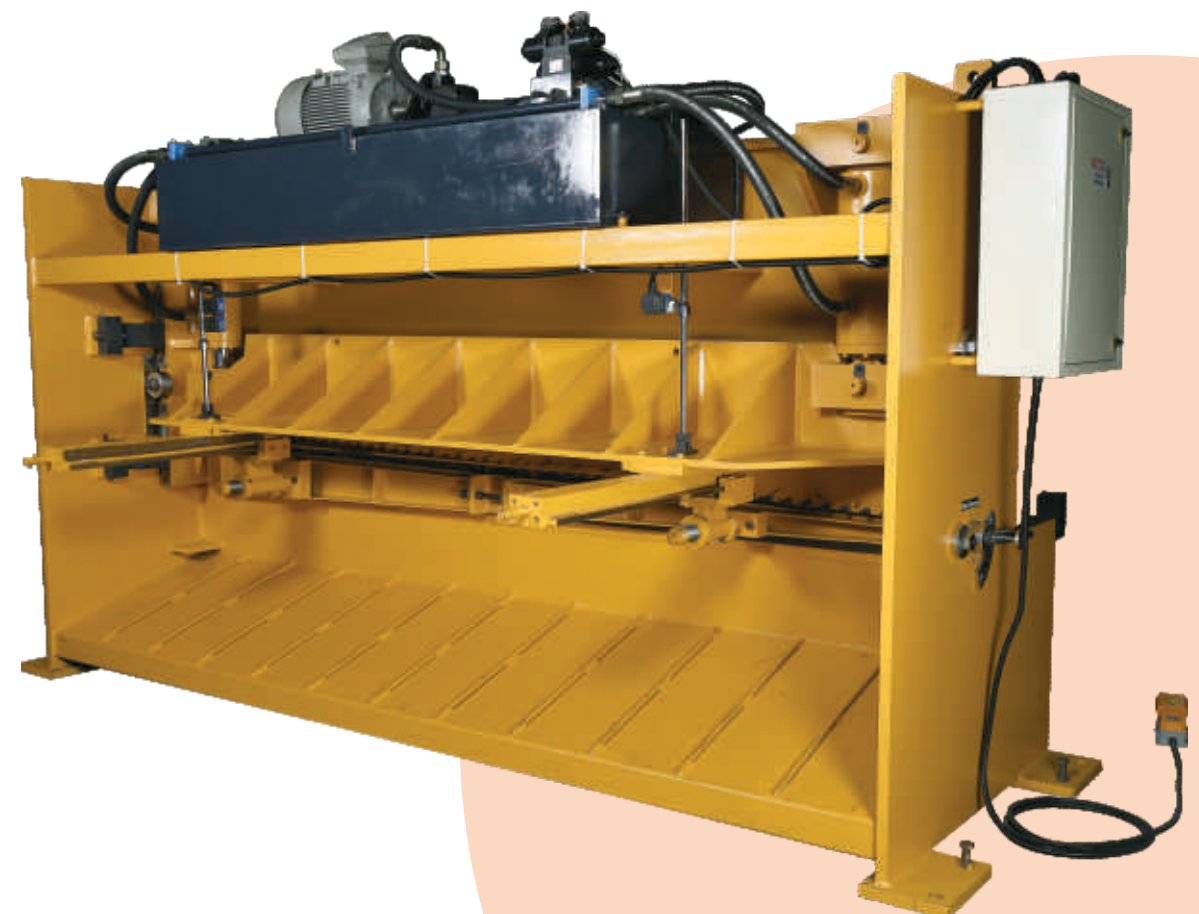
OPTIONAL ACCESSORIES

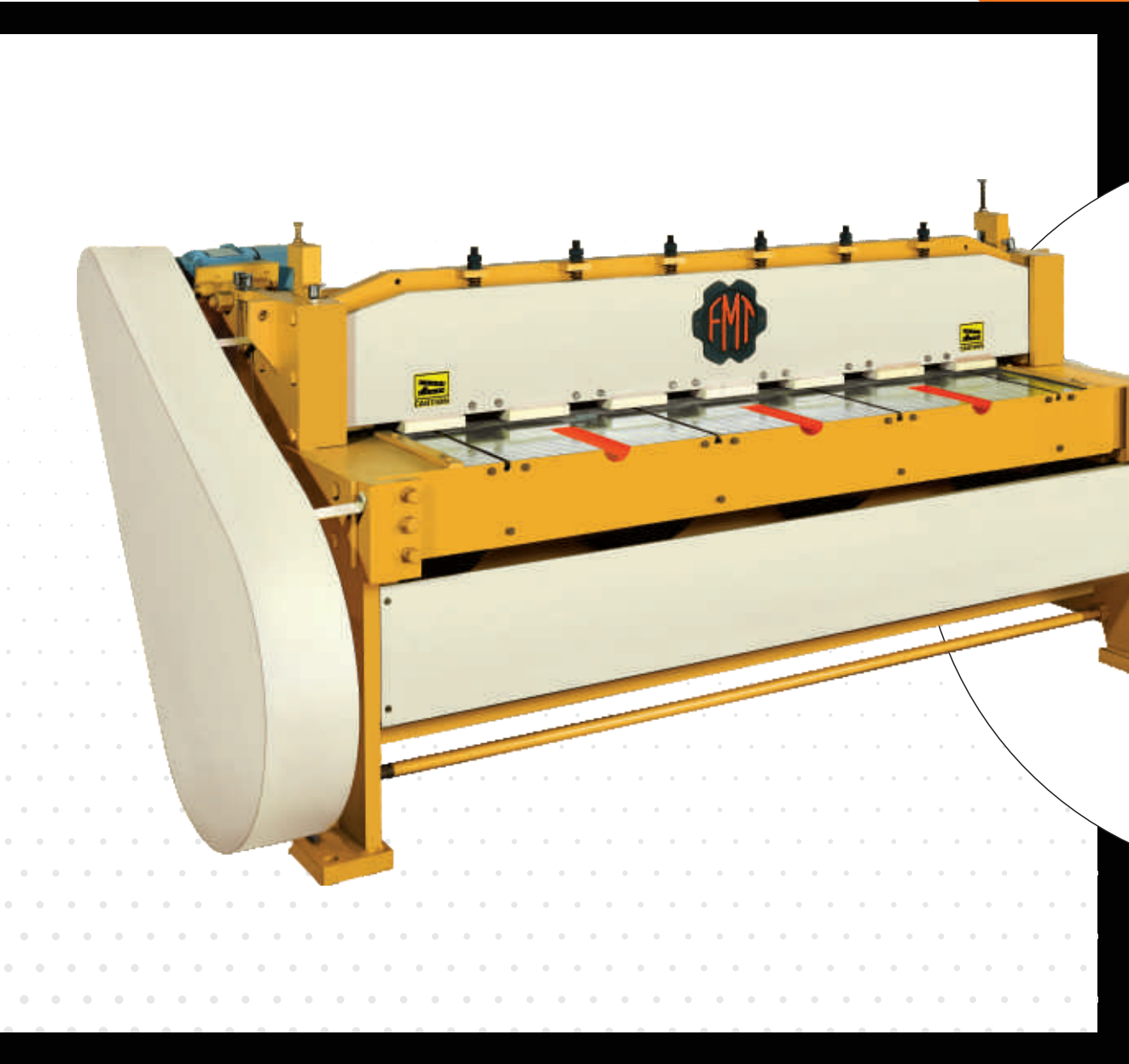
- Motorize Back Gauge with D.R.O.
- Sheet front feeding system
- NC Back Gauge
- Rear sheet supports
- Automatic control shearing
- Sheet rear stacking system

Capacities rated for M.S. of U.T.S.45kg./mm² & S.S. pf U.T.S. 72kg./mm² Machine will not cut any thickness variation beyond rated capacity for any length. Right to change specification, features, accessories without notice reserved, Compliance with safety requirements as per local regulations is responsibility of the user.



FOREMAN[®]
MACHINE TOOLS PVT. LTD.





MECHANICAL
UNDER CRANK SHEARING MACHINE
610 x 2 mm to 3125 x 4 mm

FMT[®] Brand Steel Body Geared & Ungearred Power operated Shearing Machine are designed and parallel sheet cutting. The machine is applicable to M.S., S.S., Copper, Brass, Aluminum, CRC, CRANGO, P.S.B. etc. cutting industries. It is also applicable to manufacturers of Electric stamping, Automobiles, Tin Drum Barrel, Control Panels and Boards, Steel Furniture, Tube Light Patties, Fabricators & Kitchenware Items etc.

SIDE FRAMES : Are of Steel Plates designed for maximum rigidity to eliminate deflection and to with stand continuous high speed performance at full capacity.

RAM (UPPER BEAM) : Is of solid steel plate and additional ribs on back side the ram adds to its strength, carrying the upper knife. Its maximum weight ensure lesser load on the bearing. The ram moves in accurate machined guide ways to avoid deflection, for smooth running and maintains the proper strength of the upper knife.

TABLE : Is of closed box type steel fabricated which forms a rigid backbone for the shear and a solid backing for the lower knife. Additional ribs, under the table adds to its strength.

BLADE : Is four edged HCHCR provided for longer tool life.

CRANK SHAFT & FLYWHEEL SHAFT : Is of best steel, accurately machined and runs in gun metal bearing and all other installed in gun metal bearings.

HOLD DOWN : Is of steel fabricated spring loaded ensures uniform pressure through out the cutting length without any slipping irrespective to the sheet.

ROLLING KEY CLUTCH : Made of EN-24 steel for positive engagements and continuous operation having three key way. Single rolling key systems in incorporated in the machine ensuring easy and efficient working of the machine.

DRIVE : Is through "V" Belts on the fly wheel and other chain of job cut gears for smooth running and longer life.

BRAKE : Constant spring loaded adjustable brake is provided.

BACK GAUGE : In FUS 5, 6, 7 & FUS 4 to 7 are screw drive where as in FUS 1 to 4 & FUS 1 to 3 are of rack pinion type designed to accuracy and easily.

LUBRICATION : For sufficient lubrication oil cups and oil points are provided.

STANDARD EQUIP. : Side, Back, Front Gauges and Table extension, Fly Wheel and Gear guards, Foot Pedal, Mount and Motor Pulley, Hold Down divide, Set of 4 edge HC HCR Blade and Manual Oil Pump for Lubrication.

Mechanical Under Crank Shearing Machine Specification

MODEL	CUTTING CAP. IN MS LENGTH x THICKNESS	STROKE PER MINUTE	TABLE HEIGHT	TABLE WIDTH	FRONT GAUGE	REAR GAUGE	MOTOR HP / KW	BLADE LENGTH x WIDTH x THICK	OVERALL DIMENSION IN MM (APP)		
									LENGTH A	WIDTH B	HEIGHT C
FUS-08	610 x 2	55	700	300	600	600	2/1.5	610 x 63 x 12	1250	1000	1100
FUS-09	1000 x 2	55	700	300	600	600	2/1.5	1000 x 63 x 12	1700	1000	1100
FUS-10	1270 x 2	55	750	350	600	600	2/1.5	1270 x 63 x 12	2000	1500	1200
FUS-11	1525 x 2	55	750	350	600	600	2/1.5	1525 x 63 x 12	2300	1500	1200
FUS-12	2030 x 2	55	750	400	600	600	3/2.2	2030 x 63 x 14	2700	1600	1200
FUS-13	2540 x 2	55	800	400	600	600	5/3.7	2540 x 63 x 14	3200	1600	1200
FUS-14	3125 x 2	55	800	400	600	600	5/3.7	3125 x 63 x 14	3800	1600	1200
FUS-15	610 x 4	50	750	350	600	600	3/2.2	610 x 63 x 14	1300	1400	1200
FUS-16	1000 x 4	50	800	350	600	600	5/3.2	1000 x 63 x 14	1750	1400	1200
FUS-17	1270 x 4	50	800	400	600	600	5/3.7	1270 x 63 x 14	2050	1500	1200
FUS-18	1525 x 4	50	900	450	600	750	5/3.7	1525 x 75 x 18	2350	1700	1300
FUS-19	2030 x 4	50	900	450	600	750	7.5/5.6	2030 x 75 x 18	2750	1700	1300
FUS-20	2540 x 4	50	900	450	600	750	10/7.7	2540 x 75 x 18	3300	1800	1350
FUS-21	3125 x 4	40	900	450	600	750	15/11.2	3125 x 75 x 18	3900	1800	1350

NOTE: Electricals & Blades are not under Warranty.

Specification / Design are Subject to change without prior notice