

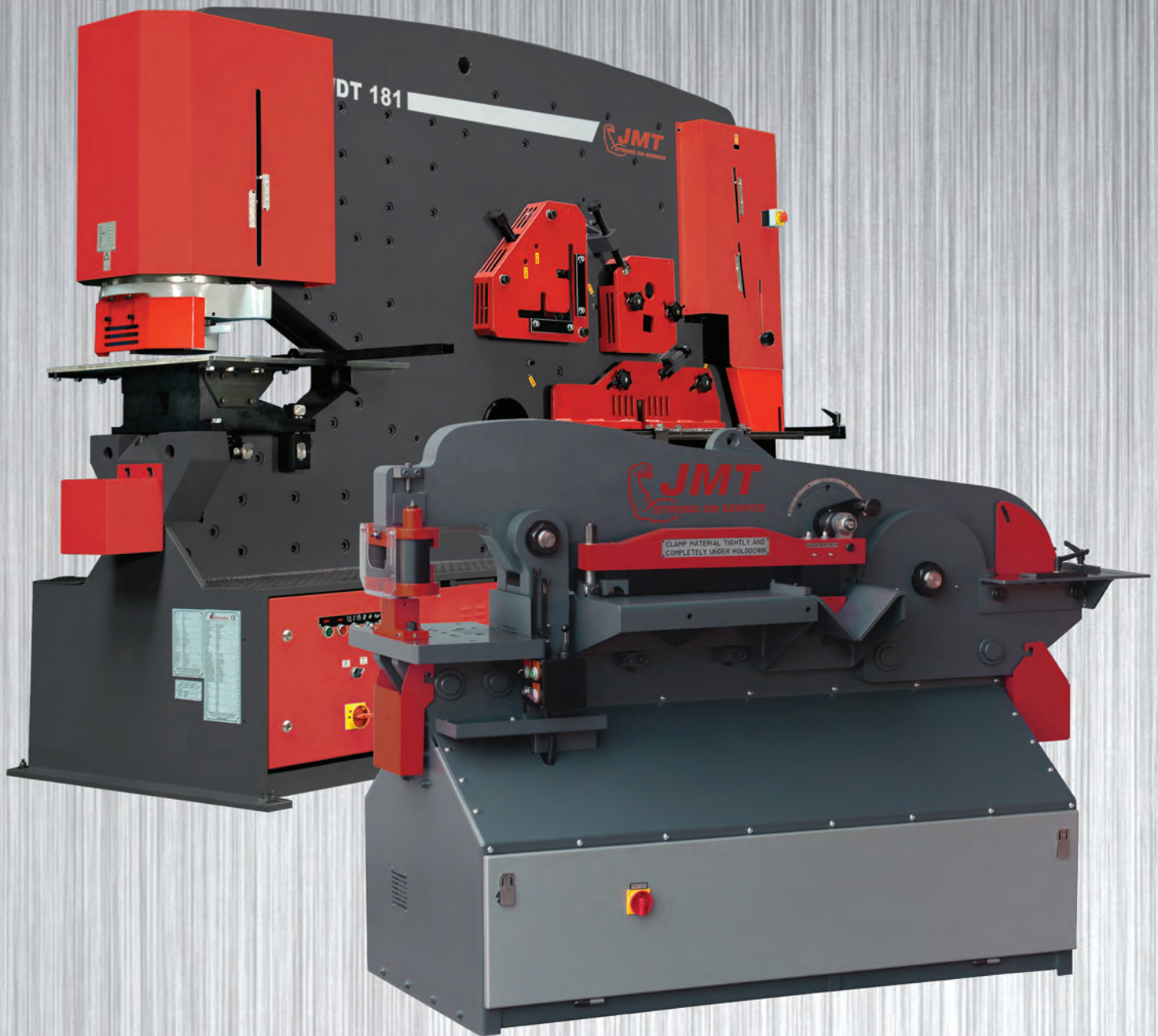


JMT

STRONG ON SERVICE

IRONWORKERS

PUNCHES & NOTCHES



**JMT offers quality machine tools
for all your sheet metal fabrication needs.**



JMT sells and services quality metal fabrication machine tools for a wide range of sheet metal and structural steel working applications that include bending, cutting, drilling, positioning, punching, shearing and welding.

JMT, a division of Jorgenson Industrial Companies, is a family owned business established in 1967. Roger Jorgenson made it his mission to build this company on the foundation of strong customer service. His children now continue this tradition since assuming leadership of the company in 2008 and destablishing the **JMT** brand.

JMT is supported by an ever expanding team of industry professionals, which include experienced applied engineers, sales consultants and veteran service engineers. **JMT** also has a resourceful parts and tooling department to keep your machines working at optimal performance.

The company has a 30,000 square foot showroom, warehouse and service center at its headquarters in Salt Lake City, Utah. **JMT** also has a warehouse and service center in Atlanta, Georgia.

A national network of over 30 select distributors trained to sell and service **JMT** machines are strategically located to provide the fastest response times to our customers.

JMT machines are built to our stringent set of design and quality standards in state-of-the-art manufacturing facilities. **JMT** partners with manufacturers that have extensive experience building machine tools for some of the leading suppliers in the industry.

JMT product designs combine accuracy, speed, flexibility, durability, reliability and advanced technology to deliver machines with the highest performance-to-price ratio in the industry.

For more information please visit www.JMTUSA.com or call toll free **855-773-7727** (855-PRESS-BRAKE). or email us at JMT@JMTUSA.com.



SOME OF THE FABRICATION EQUIPMENT OFFERED BY JMT



The machinery showroom at **JMT's** corporate headquarters.



The factory that builds our **JMT** lasers operates the world's largest fiber laser job shop as its R&D department, where ten lasers are in production 24/7, cutting parts for actual customers, bringing ideas to life in real time.

JMT Ironworkers, Punches, Notchers

JMT Hydraulic Ironworkers are designed with multi-functionality in mind to save labor, time, energy, and cost. These well-engineered, efficient machines are optimized for long life using state of the art manufacturing methods and precision tolerances. An ironworker can be the “Swiss Army Knife” of your machine shop, with stations for punching, notching, shearing and more. **JMT** also offers stand-alone punches and notchers.

JMT RHINO SERIES Iron Workers

Single cylinder pivot-style ironworkers available in 40, 55, and 90-ton models.



JMT IW SERIES Iron Workers

Dual cylinder ironworkers available in 60, 88, 121 and 182-ton models.
Single cylinder models in the same style available in 39 and 50-ton models.



JMT P SERIES Punches

A stand-alone punch for those who need an extra punching station or who don't need all the functionality of an ironworker.



JMT MULTI-P SERIES Multi Punches

- Multiple Punching Head
- CNC Control



JMT MULTI-P LINE Multi Punch Lines

- Multiple Punching Head
- CNC Control



JMT TP & RP SERIES Punch Presses

TP Series
Turret Punch Presses

RP Series
Rotational Head Punches



JMT FN & VN SERIES Corner Notchers

FN Series
Fixed Angle Notchers

VN Series
Variable Angle Notchers



JMT RHINO IRONWORKERS

JMT RHINO series of single cylinder hydraulic ironworkers have all the standard functions found on their larger IW series cousins, but at even more affordable prices. Available in 40, 55 and 90-ton punching capacities, these sleek machines feature four workstations offering a variety of applications: bending, punching, bar shearing, plate shearing, angle shearing and coping/notching.

Standard Features:

- Complete punching attachment with stripper.
- Automatic urethane hold-downs on angle, plate and bar shearing.
- Fixed hold downs for fat bar and angle iron shearing (on 55-ton and 90-ton models).
- Bending attachment: 6" with 40-ton model, 8" with 55-ton model, 12" with 90-ton model.
- Punch and die set: 10 pieces with 40-ton model, 14 pieces with 55-ton model, 5 pieces with 90-ton model.
- 36" manual back gauge for plate and angle iron shearing.
- Front and rear 5 position joystick controls with jog up & down, fast up & down and neutral.
- Coupling wrench.
- Integral lifting lug system for instant portability.
- Extra oil filter element.
- Two chip buckets (front and rear).
- Remote electric foot switch that can be connected at either end of the machine.



RHINO 90 Ironworker
90 Ton Punch

	RHINO 40	RHINO 55	RHINO 90
Throat Depth	5"	8"	12"
Open Height	12-1/4"	13-1/2"	15-1/2"
Closed Height w/o Die Block	8-1/4"	9-1/4"	10-1/4"
Stroke Length	4"	4-1/4"	5-1/4"
Plate Table Size (D-W)	8" x 16-1/2"	10" x 17"	14-1/2" x 21"
Punch Capacity	40 tons	55 tons	90 tons
Punch Hole Size (Max. material)	1"(1/2")	13/16"-3/4"	1-1/8"(1")
Punch Max. hole (special tooling)	1-1/2"(3/16")	5"-1/8"	5"(3/16")
Plate Shear	13"Long	15-1/2" Long	20-1/2" Long
*W/ fixed hold down	*5/8" x 6" / 1/2" x 8" / 1/4" x 13"	*1" x 4" / 3/4" x 10" / 5/8" x 15"	*1"x12" / 3/4" x 18" / 1/2" x20"
Angle Shear	3-1/2" x 3-1/2" x 5/16"	5" x 5" x 3/8"	6" x 6" x 5/8"
**W/ special blade		**4" x 4" x 1/2"	**4" x 4" x 1/2"
Bar Shear, Round (min. to max.)	1/4" to 1-3/8"	1/4" to 1-1/2"	1/2" to 2"
Bar Shear, Square (min. to max.)	1/2" to 1"	1/2" to 1"	1/2" x 1-3/8"
Coper Notcher Capacity	40	56	95
Coper Notcher Max.	2-1/4" x 3" x 1/4"	2-3/4" x 4" x 1/4"	4" x 6" x 3/8"
Bending Attachment, Standard	6"	8"	12"
Bending Attachment, Opt. length	12"	12", 14", 24"	24"
Punch End, Strokes per Min.	50@1/2"	60@1/2"	40@3/4"
Work Station Height	42"	43"	43"
Hydraulic Pump GPM	7.6	10.5	15
Hydraulic System R/V PSI	2000	2700	2650
Fluid Capacity (std.)	12	20	20
Motor	6.5hp / 3ph	13hp / 3ph	15hp / 3ph
Dimensions (W x L x H)	22" x 39" x 54"	22" x 53" x 62"	36" x 91" x 62"
Weight (Gross / Net) lbs	1800/1700	2750/2600	5900/5800



RHINO 55 Ironworker
55 Ton Punch

JMT IW SERIES IRONWORKERS

JMT IW Series Hydraulic Ironworkers are designed with multi-functionality in mind to save labor, time, energy, and cost.

JMT Ironworkers are well engineered, efficient and optimized for long life using state of the art manufacturing methods and precision tolerances.

These universal machines are supplied with standard tooling including X,Y gauging support tables at punch, shear, and notch stations. There are easily adjusted hold downs at all five work stations. Each work station is also equipped with specially designed hold downs to ensure safety while providing precision alignment and ease of use.

JMT Ironworkers set the industry standard for reliability, productivity and accuracy.



JMT IW Series Features



Swing Away Stripper



Punching Flat Steel



*Punching Channel
Flangers and Angles*



Different Dimension Punch & Dies



Press Brake Attachment

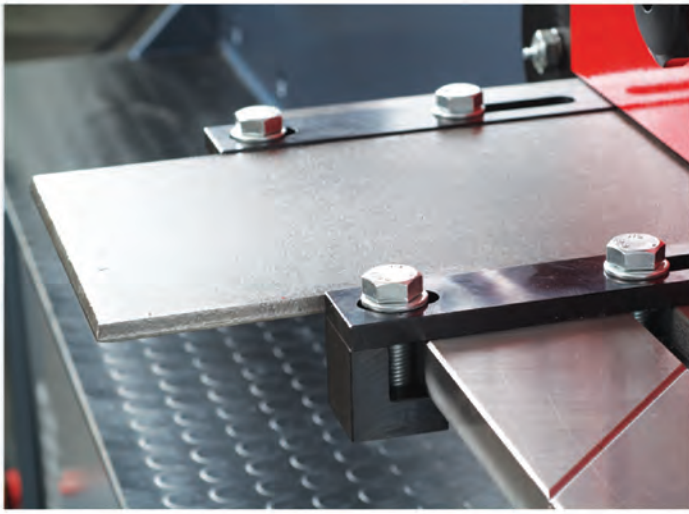
Punching Station

The punching station is designed with versatility in mind. The position and design of the bolster plate makes it possible to perform a wide range of punching. This includes the punching of flat bar, flange, angle, and channel iron. The station comes standard with quick change punch and die holders, as well as a swing away stripper. Also included are X & Y coordinate gauge stops. This feature is useful for repetitive work. Different punching diameters can be performed at the punching station, and pipe notching and bending can be accomplished with optional attachments.



Angle Shearing Station

Blades are four sided and can be easily installed and rotated. An adjustable hold down provides for easy and proper clamping of the material while it is being sheared.

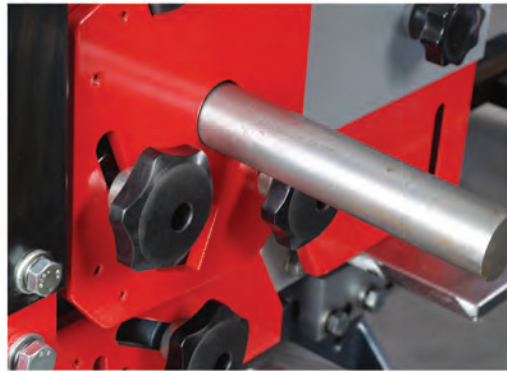


Flat Shearing Station

An easily adjustable hold down ensures proper clamping of the plate. An entry feed table has adjustable guides and stops to make sure the material is accurately aligned and secured under the cutting blades. The blades are manufactured in such a way that allows cutting of a wide range of material thickness at a low rake angle and without the need for adjustment.



Square bar Shearing



Round bar Shearing



Optional U blade

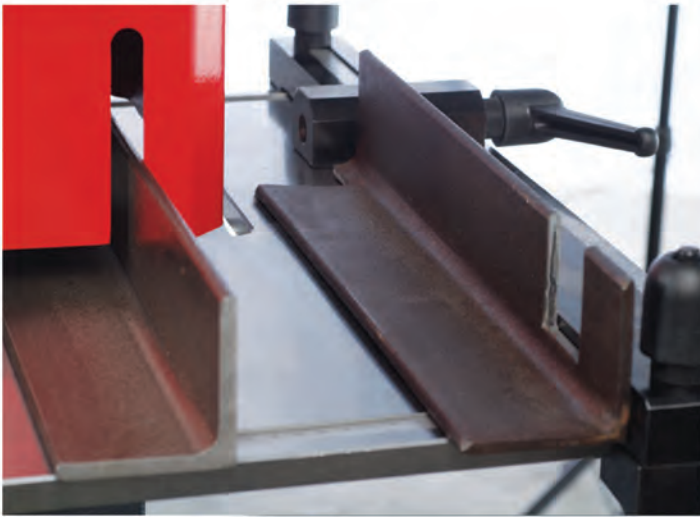


Optional I & C blades



Touch and cut electrical back gauge

Bar Shearing Stations



Rectangular Notcher



Triangular Notcher Option

Notching Stations

This station comes standard with rectangular notching blades which allow side notching, therefore allowing notching of unlimited widths. V-notching blades can easily be installed, and are available as an option. Other optional devices include tube notching. It is also possible to convert this station to a punching or bending station. A large feed and worktable with gauging stops helps speed up repetitive type work.

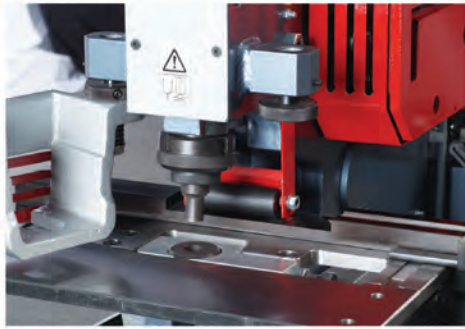


JMT IW 55 & JMT IW 55-Miter

JMT IW 55 Series Ironworkers are specially designed for high volumes and with 5 stations they enable fast, efficient production. 55-ton machines have a single cylinder and all 5 stations can be operated by one foot pedal.



Punching station has max. Capacity of 1" hole x 1/2" material & 3/4" hole x 3/4" material.



Swing away stripper.

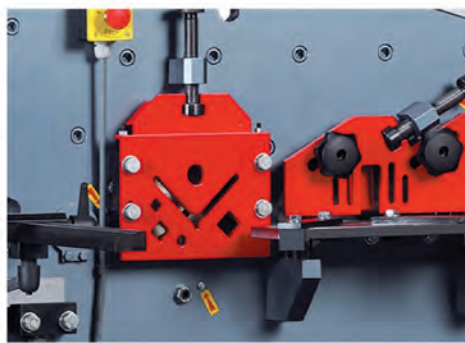


Punching flat steel.

Punching Station



*7 3/4" x 19/32" & 11 3/4" x 1/2"
Flat steel cutting capacity.*



**Angle Shearing Station for
JMT IW 50**



*Angle shear station with Z shape
apparatus. With this it is possible to make
miter shears on angle bars.*

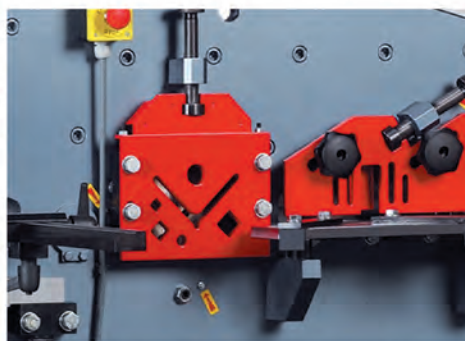
Slat Shearing Station

**Angle Shearing Station for
JMT IW 50**

**Angle Shearing Station for
JMT IW 50-Miter**



*This station allows the miter cutting of
angle iron (horizontal leg).*



*In this standard station, angle, square, and
round bar can be sheared.*

Angle Iron Miter Station

Multi-Shear Station

STANDARD EQUIPMENT**PUNCHING**

Table for punching station

JMT punch & die holder

1 starting set (Punch & Die)

Punch holder up to 1 1/8" (IW 55 & IW 55-Miter)

Punch holder up to 1 1/2" (IW 80 and above)

3' Electrical back gauge (IW 80 and above)

3' Manual back gauge (IW 36 and IW 45)

Blades for plate steel station

Blades for angle cutting station

Blades for round and square bar cutting station

Rectangular notcher complete with down holder

Table for notching station

OPTIONAL EQUIPMENT

3' of additional back gauge (Manual)

Electrical back gauge (over 3 ft.)

Lubrication pump

Special Color

Overseas special packaging

PUNCHING

Pedinghaus, Mubea, Kingsland punch & die holder

Bending equipment (top tool + single Vee + toolholder)

40-80 NPU punching equipment

Pipe notcher housing (between 1/2" and 2" any diameter)

Pipe notching punch and dies (each set)

NC Control with table x=49" x 13 3/4"

FLAT SHEARING

Spare blades for flat shearing

ANGLE SHEARING

Spare blades for angle shearing

BAR SHEARING

Spare blades for bar shearing

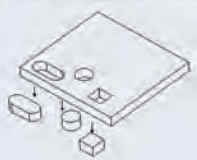
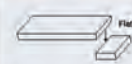
U, I, T profile blades

NOTCHING

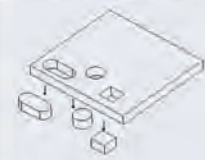
Triangle notching system with blades

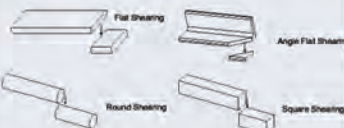
Spare blades for triangular notching

Spare blades for rectangular notching

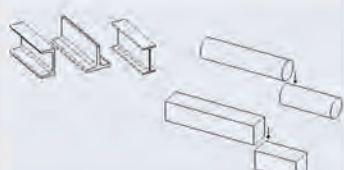
	IW	IW 45	IW 55	IWD 55
PUNCHING    	Punching Pressure	50 Tons	60 Tons	60 Tons
	Punch Capacity(Diameter x Thickness)	1 1/16" x 1/2"	1 1/4" x 1/2"	1 1/4" x 1/2"
		5/8" x 5/8"	1" x 3/4"	1" x 3/4"
	Throat Depth	9 9/16"	9 13/16"	9 13/16"
	Maximum Stroke Length	3/4"	2 3/8"	2 3/8"
	Cycles /Min. (0.59"/15 mm stroke)	20	-	-
	Cycles /Min. (0.78"/20 mm stroke)	-	37 SPM	37 SPM
	Table Size (W x D)	17 5/8" x 6 1/8"	21 5/8" x 9 3/4"	21 5/8" x 20"
	Largest Hole	Ø 4" (@ 0.12" Thick)	Ø 6" (@ 0.08" Thick)	Ø 6" (@ 0.08" Thick)
	Single Vee Press Brake (W x T)	-	10" x 3/8"	10" x 3/8"
	Multi-Vee Press Brake (W x T)	-	19" x 3/16"	19" x 3/16"
	Pipe Notching	-	1/2" - 2"	1/2" - 2"
	1) A min-max for NPU	-	4 3/4" - 10 1/4"	4 3/4" - 10 1/4"
FLAT SHEARING    	Flat Bar (max. thickness)	1/2" (@ 8" Wide)	3/4" (@ 8" Wide)	3/4" (@ 8" Wide)
	Flat Bar (max. width)	12" (@ 3/4" Thick)	11 3/4" (@ 9/16")	11 3/4" (@ 9/16")
	Blade Length	12"	12"	12"
ANGLE SHEARING  	Angle Flange Trim	3"	2 3/8"	2 3/8"
	Round Bar Shear	-	-	-
	Square Bar Shear	-	-	-
	At 90° Shearing	4" x 3/8"	4" x 3/8"	4" x 3/8"
BAR SHEARING     	At 90° Shearing width slight deformation	4" x 3/8"	-	-
	At 45° Miter Shearing	-	3" x 1/4"	3" x 1/4"
	Round Bar Shear	1"	5/8 - 1-9/16"	5/8 - 1-9/16"
	Square Bar Shear	1"	5/8 - 1 9/16"	5/8-1 9/16"
NOTCHING   	Round Bar Shear	-	3/4"	3/4"
	Square Bar Shear	-	3/4"	3/4"
	U - Profil Shear	4"	4 1/2"	4 1/2"
	T - Profil Shear	1 1/2"	2"	2"
	I - Profil Shear	4"	4 1/2"	4 1/2"
	Material thickness	1/4"	3/8"	3/8"
	Rectangular Notcher (width)	1 1/2"	1 5/8"	1 5/8"
GENERAL INFORMATION	Rectangular Notcher (depth)	2"	3 1/2"	3 1/2"
	Vee-Notcher (Side x Side x T)	1 1/2" x 1 1/2" x 1/4"	1 5/8" x 1 5/8" x 3/8"	1 5/8" x 1 5/8" x 3/8"
	Triangular notching material thickness	1/8"	1/4"	1/4"
	Triangular notching width V90	3"	3 3/4"	3 3/4"
	Triangular notching depth	3"	3 3/4"	3 3/4"
GENERAL INFORMATION	Motorpower	4 HP	7.5 HP	7.5 HP
	Oil Capacity	8.7 Gallons	20 Gallons	20 Gallons
	Weight (Approx)	2,000 Lbs.	2,800 Lbs.	2,800 Lbs.
	Machine dimensions (L x W x H)	62" x 57" x 61"	66" x 68" x 70"	82" x 68" x 70"
	Working Height	40"	42"	43"

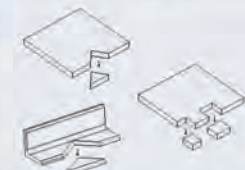
IW 80	IWD 80	IW 110 LTD	IW 165 LTD
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90 Tons	90 Tons	120 Tons	180 Tons	PUNCHING 
1 3/4" x 1/2"	1 3/4"	1 3/4" x 1/2"	2 1/4" x 1"	
1" x 1"	1" x 1"	1" x 1"	1 1/2" x 1 1/2"	
11 3/16"	20"	20"	20"	
2 3/4"	2 3/4"	2 1/2"	3 1/2"	
-	-	-	-	
38 SPM	38 SPM	28 SPM	31 SPM	
21 5/8"x11 3/4"	21 5/8" x 20"	21 5/8" x 24"	29 1/2" x 20"	
Ø 6" (@ 0.12" Thick)	Ø 6" (@ 0.12" Thick)	Ø 6" (@ 0.19" Thick)	Ø 6" (@ 1/4" Thick)	
12" x 3/8"	12" x 3/8"	12" x 3/8"	23 1/2" x 3/8"	
23 1/2" x 1/4"	23 1/2" x 1/4"	23 1/2" x 5/16"	32 3/4" x 5/16"	
1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"	
4 3/4" - 15 3/4"	4 3/4" - 15 3/4"	5 1/2" - 15 3/4"	4 3/4" - 15 3/4"	
1/2" - Ø 1"	1/2" - Ø 1"	1/2" - Ø 1"	1/2" - Ø 1"	
4" - 12 1/2"	4" - 12 1/2"	4 3/4" - 12 1/2"	4 3/4" - 12 1/2"	
1/2" - Ø 1"	1/2" - Ø 1"	1/2" - Ø 1"	1/2" - Ø 1"	

3/4" (@ 12" Wide)	3/4" (@ 12" Wide)	3/4" (@ 15 3/4")	3/4" (@ 30" Wide)	FLAT SHEARING 
17 3/4" (@ 1/4")	17 3/4" (@ 1/4")	23 5/8" (@ 5/8")	29 1/2" (@ 3/4")	
18"	18"	24"	30"	
3"	3"	4"	2 3/8"	
-	-	-	-	
-	-	-	-	

5" x 1/2"	5" x 1/2"	6" x 1/2"	7 3/4"	ANGLE SHEARING 
-	-	-	-	
3" x 1/4"	3" x 1/4"	3" x 1/4"	-	

1 3/4"	1 3/4"	2"	2 3/8"	BAR SHEARING 
1 3/4"	1 3/4"	2"	-	
-	-	-	-	
-	-	-	-	
5 1/2"	5 1/2"	6 3/8"	7 3/4"	
2 1/4"	2 1/4"	2 1/4"	2 1/2"	
5 1/2"	5 1/2"	6 3/8"	-	

7/16"	7/16"	1/2"	5/8"	NOTCHING 
2"	2"	2"	2 1/4"	
3 1/2"	3 1/2"	3 1/2"	4 5/16"	
2" x 2" x 3/8"	2" x 2" x 3/8"	2" x 2" x 1/2"	2 1/4" x 2 1/4" x 5/8"	
1/4"	1/4"	1/4"	3/8"	
5"	5"	5"	5"	
5"	5"	5"	5"	

15 HP	15 HP	15 HP	20 HP	GENERAL INFORMATION
20 Gallons	20 Gallons	20 Gallons	35 Gallons	
4,700 Lbs.	5,955 Lbs.	8,270 Lbs.	17,800 Lbs.	
82" x 70" x 80"	92" x 70" x 80"	104" x 70" x 80"	127" x 43" x 90"	
47"	47"	47"	44"	

JMT P Series



P SERIES Punching Machines

		P 55	P 80	P 110
PUNCHING				
Punching Tons	US ton	60	88	121
Punch Capacity (Diameter x Thickness)	inch	1 1/16x1/2	1 9/16x1/2	1 9/16x1/2
		3/4x3/4	15/16x15/16	1 1/16x1
Throat Depth	inch	20	20	24
Stroke Length	inch	2 5/16	2 1/4	3 1/8
Strokes Per Minute (3/4" Stroke Length)	quat.	37	38	28
Table Size (W x D)	inch	21 5/8x20	21 5/8x20	21 5/8x24
Working Height up to Die	inch	43 1/4	47	50
OPTIONAL EQUIPMENT				
Largest Hole	inch	6	6	6
Single Vee Press Brake (W x T)	inch	10x5/16	12x5/16	12x5/16
Multi-Vee Press Brake (W x T)	inch	19x3/16	23x1/4	23x5/16
Pipe Notching	inch	1/2 - 2	1/2 - 2	1/2 - 2
TECHNICAL DATA				
Motorpower	HP	7,5	15	15
Oil Capacity	gal	20	20	20
Net Weight (Apr.)	lb	2866	4277	5864
Gross Weight (Apr.)	lb	2910	4321	5908
Machine Dimensions (L x W x H)	inch	53x37x74	60x37x79	65x37x85
Packing Dimensions (L x W x H)	inch	54x28x76	63x32x82	69x32x89

All specifications and dimensions are approximate and subject to change without notice.

STANDARD EQUIPMENT

Table for punching station
JMT punch & die holder
1 starting set (punch & die)
Punch holder up to 1 9/16"

OPTIONAL EQUIPMENT

Pedinghaus, Mubea, Kingsland punch & die holder
Bending equipment (top tool +single Vee+toolholder)
40-80 NPU punching equipment
Pipe Notcher Housing (between 1/2" and 2" any diameter)
Pipe notching punch and dies (each set)
NC control with table X=39.37" Y=13.78"



The punching station comes standard with quick change punch and die holders, as well as a swing away stripper



Punching channel flanges and angles



Punching flat steel



Different dimension Punch & Dies

JMT Multi P Series



Multi P		Unit	80
Max Length of sheet, X Axis		in.	59
Max Width of sheet, Y Axis		in.	29 1/2"
Thickness of metal plate		in.	5/64 x
Positioning tolerance		in.	3/4
Punching Tonnage		ton	.004
Max. Traverse Speed of X Axis		ipm	88
		ipm	1000
Max. Traverse Speed of Y Axis		cpm	1000
		in.	+/-PM
Cycles / Min (3/4" Stroke)	A	in.	38
Stroke Length	B	in.	2 3/4"
Length	C	in.	125"
Table Width	D	in.	51 5/8"
Width	E	in.	115 7/16"
Working Height		lbs.	48"

STANDARD EQUIPMENT

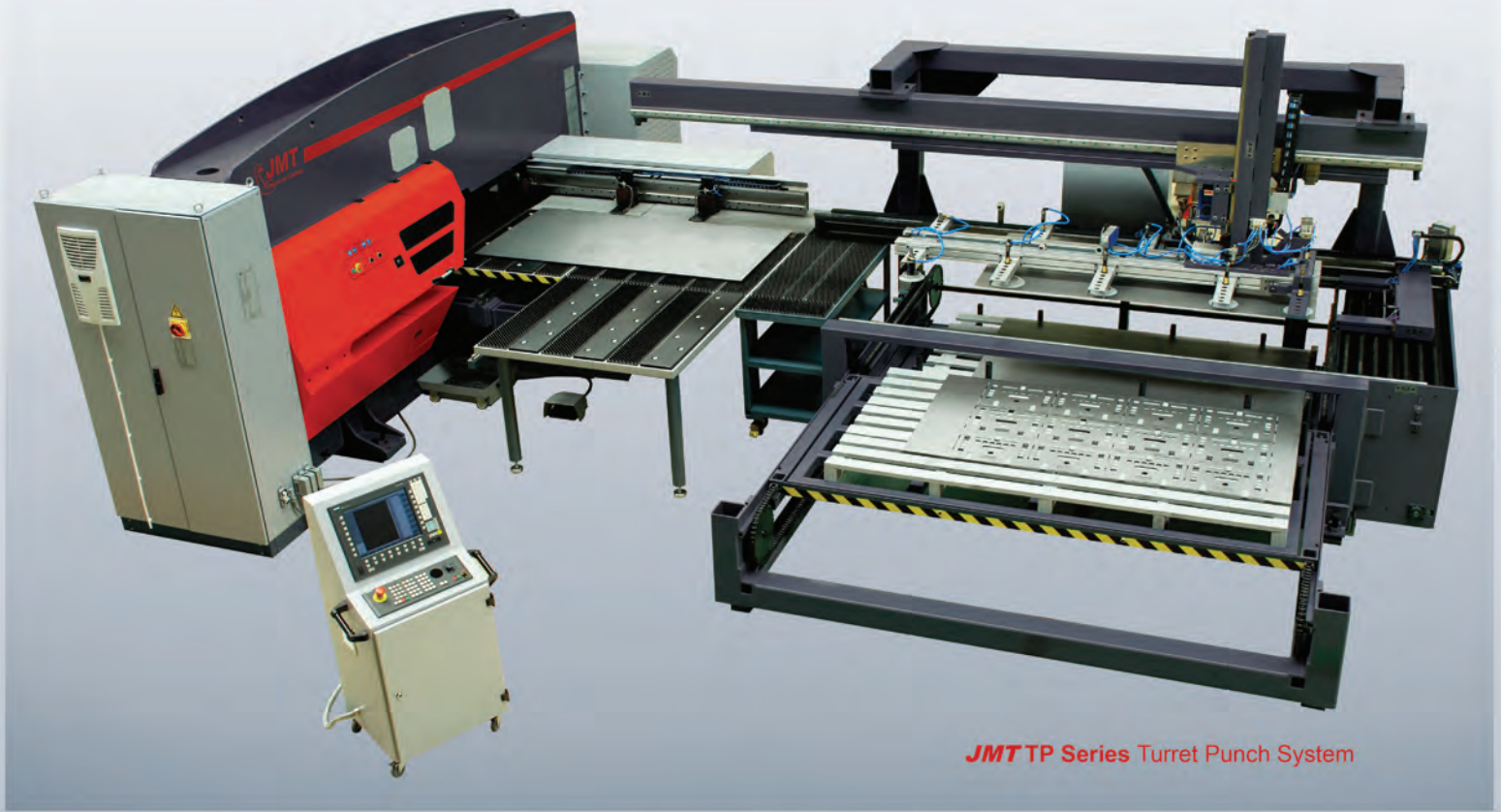
Triable Punching Unit
 Hydraulic Holddown
 Siemens Control Unit

JMT Multi P Line



Automatic Light Pole Punching Line with Loading and Unloading.

JMT Punch Presses



JMT TP Series Turret Punch System

JMT Punch Presses feature stress-relieved steel construction, modern design, state-of-the-art control systems, a complete software suite, and quality proven hydraulics.

Features:

- Auto-clamping
- Strong and flexible turret structures
- User friendly CAD/CAM software
- High performance/price ratio
- Low maintenance costs

Loading and unloading systems can be integrated for efficient and lean operations.

Please contact **JMT** for more information on available **Rotational Head Punches**, **Turret Punches**, and **Turret Punch Systems**.



JMT RP Series
Rotational Head Punch

JMT Notchers



JMT FN Series – Fixed Angle Notchers

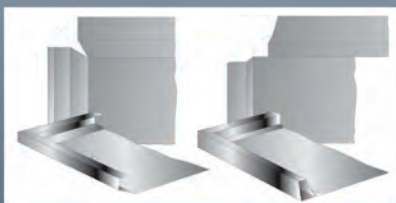
FN SERIES

		FN 2004	FN 2506
Cutting Capacity	mm.	St 44 kg /mm ² - 4mm	St 42 kg /mm ² - 6mm
			St 60 kg /mm ² - 4mm
Cutting Length	mm.	200 x 200	250 x 250
Cutting Angle	<	90°	90°
Motor Power	Kw.	4	4
Oil tank Capacity	lt.	36	40
Height	mm.	1100	1150
Width	mm.	950	900
Length	mm.	950	900
Weight	kg.	550	850

JMT VN Series – Variable Angle Notchers

VN SERIES

		VN 2004	VN 2006
Cutting Capacity	mm. (60°de)	4	6
	mm. (30°de)	2	4
Cutting Length	mm.	200 x 200	200 x 200
Cutting Angle	<	30°-140°	30°-140°
Motor Power	Kw.	4	4
Oil tank Capacity	lt.	50	50
Height	mm.	1300	1300
Width	mm.	1050	1050
Length	mm.	900	900
Weight	kg.	950	1000





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