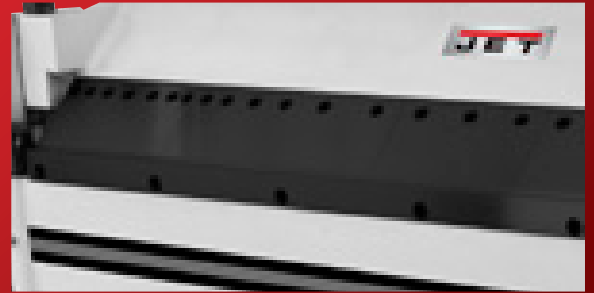




FORMING

Machine professionals who demand precision, accuracy and reliability from the equipment in their shop look to JET Metalforming equipment when adding to or upgrading their operation. High-quality JET brakes, shears, rolls, english wheel, planishing hammer, presses and notchers allow you to expand your operation and offer customers more. Professional manuals ensure quick start up and efficient operation, and JET backs all its machines with an industry-leading two-year warranty.

SHEARING, BENDING & FORMING: WHEN METALWORKING BECOMES AN ART FORM



CONTENTS

SHEARS.....	130-133
BRAKES.....	134-137
SLIP ROLLS.....	138-139
ROTARY MACHINE/ NOTCHER	140
PLANISHING HAMMER	141
ENGLISH WHEEL.....	142
PRESSES.....	143-144
PIPE BENDER.....	145
FORMING HELPFUL INFO.....	146-147

52" PNEUMATIC SHEAR

The JET PS-1652T delivers the strength and accuracy your shop demands in a rugged, cast-iron grade frame. Capable of making the big cuts, and versatile enough to handle just about any job you need completed. The pneumatic control system ensures smooth operation and smooth cuts along the precision-aligned bed and beam.



FEATURES

- High-quality cast-iron grade frame to eliminate deflection across the blade-span and blade framework
- Low cutting angle to cut narrow strips without twisting
- Precise bed and beam alignment assures working accuracy
- Adjustable working bed for correct setup according to the blade clearance
- 16 gauge maximum cutting capacity for mild-steel
- 12-14 gauge maximum cutting capacity for aluminum and copper alloys



PNEUMATIC CONTROLS NOW MAKES SHEARING A ONE MAN JOB



EASY TO USE FOOT CONTROL WITH E-STOP RIGHT IN THE OPERATORS REACH



PRECISION BED AND BEAM ALIGNMENT ASSURES WORKING ACCURACY

STOCK NUMBER	756203
Model Number	PS-1652T
Max. Soft Alloy Capacity (Gauge)	12 - 14
Mild Steel Capacity (Gauge)	16
Shearing Length Capacity (in.)	52
Back and Front Gauge Capacity (in.)	28-1/2 and 28
Strokes per Minute (Full Length)	40
Air Consumption per Stroke (CFM)	1.3
Air Consumption (CFM)	25.3
Overall Dimensions (in./ L x W x H)	60 x 24 x 43
Net Weight (lbs.)	1,048

FOOT SHEARS

JET Foot Shears with high quality, hardened and tempered stainless steel blades are ideal for precision shearing of mild steel up to 16 gauge. An adjustable hold down clamp keeps materials secure during operation to prevent errors, and compound leverage allows the user to perform work within the machine's rated capacity with ease.

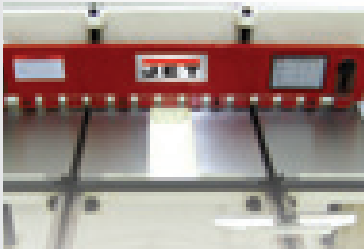


FEATURES

- Ideal for precision shearing of mild steel up to 16 gauge
- Two-way blade configuration provides twice the cutting life
- Upper blade is two-way; bottom blade is one-way
- 2° angle cutting edge; 1° face relief



SCALE GUIDES MARKED FOR PRECISE CUTTING.



CAPABLE OF SHEARING SHEET STEEL, BARS PLUS MANY NON-METALLIC MATERIALS

STOCK NUMBER	752636	752652
Model Number	FS-1636H	FS-1652H
Mild Steel Capacity (Gauge)	16	16
Shearing Length Capacity (in.)	36	52
Back Gauge Capacity (in.)	30	30
Front Gauge Capacity (in.)	28	28
Overall Dimensions (in./ L x W x H)	46 x 74 x 42	63 x 74 x 42
Net Weight (lbs.)	816	1,014

SLITTING SHEAR WITH HANDLE

JET Slitting Shears deliver precision cuts and true edges to a wide variety of materials including steel, aluminum, brass, copper, lead, plastic and zinc. The two-way upper blade configuration provides double the cutting life. JET Portable Slitting Shears, capable of shearing sheet steel, steel bars and rods, and many non-metallic materials, allow you to take JET reliability and power to the worksite.



FEATURES

- Capable of shearing sheet steel, steel bars and rods plus many non-metallic materials
- Replaceable high quality stainless steel blades are hardened and tempered for maximum service life
- An adjustable hold down clamp aids in securing material
- Compound leverage allows the operator to easily perform work within shears' rated capacity
- Includes 35-1/2" handle



GUIDE FOR CUTTING RODS



REPLACEABLE STAINLESS STEEL BLADES ARE HARDENED AND TEMPERED

STOCK NUMBER	755108K	755112K
Model Number	SS-8T	SS-12T
Sheet Capacity (Mild Steel/in.)	3/16	1/8
Flat Capacity (Mild Steel/in.)	2-3/4 x 1/4	2-3/8 x 5/32
Round Capacity (Mild Steel/in.)	1/2	1/2
Cutting Blade Length (in.)	8	11-3/4
Overall Dimensions (in. / L x W x H)	17 x 7 x 17	22 x 7 x 18
Net Weight (lbs.)	55	75

COMBINATION SHEAR, BRAKE AND ROLL

NEW

JET innovation allows machine shop professionals the ability to perform several vital tasks with a single compact machine. The Combination Shear, Brake and Roll handles the jobs of three separate machines, adding tremendous versatility to your metal forming operation, without crowding the shop floor. This high-quality triple threat is backed by the JET industry-leading Two Year Warranty.



FEATURES

- Combination shear, brake and roll in one compact machine
- Right or left hand operation
- Shear can be used for mild steel, aluminum, brass, copper, lead, plastic and zinc
- Brake is equipped with easily removable fingers that permit angle, channel, box and other complex bending operations
- Slip rolls are precision turned and ground with wire grooves

STANDARD EQUIPMENT

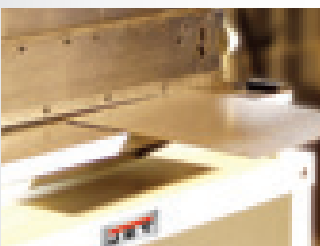
- Set of male dies
- One set of female dies
- Dual edge shear blade
- Spring-loaded work hold down
- Back gauge



BRAKE



ROLL



SHEAR

STOCK NUMBER	756031	756041
Model Number	SBR-30M	SBR-40M
Mild Steel Capacity (Gauge)	20	20
Shearing Capacity (Gauge)	20	20
Bending Capacity (Gauge)	20	20
Rolling Capacity (Gauge)	20	20
Size of Slip Roll (in./ L x Dia.)	30 x 1-1/2	40 x 1-5/8
Width of Upper Dies (in.)	1, 2, 3, 6, 8, 10	1, 1-1/2, 2, 2-1/2, 4, 7, 10, 12
Upper Die Height (in.)	4-11/16	4
Min. Forming Radius (in.)	3/4	1
Wire Grooves (in.)	1/8, 3/16, 9/32	3/16, 9/32, 3/8
Base Dimensions (in./ L x W x H)	14-1/2 x 32-3/8	16-1/2 x 43
Overall Dimensions (in./ L x W x H)	40 x 16 x 24	56 x 23 x 30
Net Weight (lbs.)	290	575



754030

OPTIONAL EQUIPMENT	STOCK NUMBER
Floor Stand for SBR-30M	754030
Floor stand for SBR-40M	754040

FLOOR BOX AND PAN BRAKE WITH FOOT CLAMP

NEW

Precision and durability with innovative ergonomic features ensures ongoing accuracy and operation, without user fatigue.



752125



FEATURES

- Wide assortment of finger widths allow greater versatility in the shop
- Black ceramic coated fingers prevent rust and ensure longer finger life
- All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability
- Stop rod for repeatable bending
- Material clamping is foot operated to save strain on back and arms
- Hydraulic spring to assist in raising the clamping handle

STANDARD EQUIPMENT

- Total of 16 assorted size section fingers



BLACK CERAMIC COATED FINGERS PREVENT RUST AND ENSURE LONGER FINGER LIFE



HYDRAULIC SPRING TO ASSIST IN RAISING THE CLAMPING HANDLE



LARGE EASY TO USE FOOT CLAMP WHICH ALLOWS THE OPERATOR HANDS FREE CLAMPING

STOCK NUMBER	752125	752127
Model Number	PBF-1240	PBF-1450
Mild Steel Capacity (Gauge)	12	14
Bending Length Capacity (in.)	40	50
Max. Clamping Bar Lift (foot operated)	1-7/8	1-7/8
Maximum Box Depth (in.)	4	4
1 Finger @ Width (in.)	1-1/8, 1-3/8, 1-1/2, 1-3/4, 2, 3, 4, 6, 7-3/4, 10-5/8	1-1/8, 1-3/8, 1-1/2, 1-3/4, 2, 3, 4, 6, 7-3/4, 10, 10-5/8
Finger Nose Angle (degree)	42	42
Nose Radius (in.)	1/32	1/32
Overall Dimensions (in. LxWxH)	58 x 25 x 50	67 x 28 x 50
Net Weight (lbs.)	705	900

FLOOR MODEL BOX AND PAN BRAKES

Box and Pan Brakes from JET are perfect for the larger, high-volume shop that requires versatility yet demands rugged durability and bending precision.



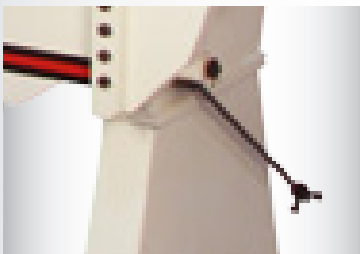
754100

FEATURES

- Wide assortment of finger widths allow greater versatility in the shop
- All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability
- Both the bed and apron are bored in line to assure the utmost accuracy



COUNTER WEIGHTS CAN BE MOVED UP OR DOWN TO PROVIDE MORE OR LESS LEVERAGE



TO MAKE REPEAT BENDS ARE EASY WITH A QUICK TURN OF THE STOP COLLAR ON THE STOP ROD

STOCK NUMBER	754100	752102
Model Number	BP-1248H	BP-1696H
Mild Steel Capacity (Gauge)	12	16
Bending Length Capacity (in.)	48	96
Maximum Lift of Beam (in.)	1-1/2	2-1/4
Maximum Box Depth (in.)	4	4
Beam Adjustment (in./front to rear)	7/8	1
Number and Width of Fingers (in.)	5@3, 2@4, 5@5	5@3, 6@4, 9@5, 2@6
Finger Nose Angle (deg.)	45	45
Nose Radius (in.)	1/32	1/32
Overall Dimensions (in./ L x W x H)	70 x 34 x 52	142 x 32 x 61
Net Weight (lbs.)	1,477	1,985

BENCH MODEL BOX AND PAN BRAKES

Operates like your standard brake, but with greater versatility and wide range of applications. Easy-to-move sectioned finger enhance user capability to perform custom forming.



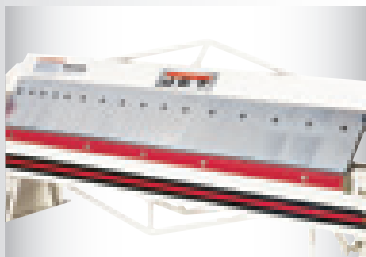
752112

FEATURES

- Incorporates all the features of our standard brakes but with greater range of applications
- With fingers installed it can be used as a full-length nose bar, turning the machine into a straight bending brake
- Sectioned fingers are easily removed for box bending and special forming operations

STANDARD EQUIPMENT

- Total of 16 assorted size section fingers



16 ASSORTED SIZE SECTION FINGERS

STOCK NUMBER	752116	752122
Model Number	BP-1648H	BP-2248H
Mild Steel Capacity (Gauge)	16	22
Bending Length Capacity (in.)	48	48
Maximum Lift of Beam (in.)	1-1/4	7/8
Maximum Box Depth (in.)	4	3
Beam Adjustment (in./front to rear)	5/8	1/8
Number and Width of Fingers (in.)	5@2, 6@3, 5@4	5@2, 6@3, 5@4
Finger Nose Angle (deg.)	45	45
Nose Radius (in.)	1/32	1/32
Overall Dimensions (in./ L x W x H)	75 x 19 x 34	61 x 31 x 28
Net Weight (lbs.)	430	258

BENCH AND FLOOR MODEL HAND BRAKES

To accommodate space restraints in your shop, as well as forming and shaping needs of your operation JET Bench and Floor Model Hand Brakes, Bench Model Box and Pan Brakes, and Floor Model Box and Pan Brakes are designed to deliver superior accuracy and durability. Finger width assortments and removable finger sections enhance overall productivity in your facility. JET Brakes are built rugged to provide superior satisfaction with every bend you make.



752002



756222

BENCH MODEL FEATURES

- Suitable for many types of metal forming operations
- All body sections are welded steel plate
- Heavy truss rods and braces are designed to give superior strength
- Precise bed and beam alignment assures working accuracy

FLOOR MODEL FEATURES

- Simplicity of design, improved truss rod construction and a minimum number of moving parts make the JET hand brake easy to operate
- All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability
- Both the bed and apron are bored in line to assure the utmost in accuracy



OPTIONAL EQUIPMENT

STOCK NUMBER

Floor Stand for HB-2248H & HB-1648H

754200

STOCK NUMBER (BENCH)	756216	756222
Model Number	HB-1648H	HB-2248H
Mild Steel Capacity (Gauge)	16	22
Maximum Lift of Beam (in.)	1-1/4	7/8
Bending Length Capacity (in.)	48	48
Beam Adjustment (in./front to rear)	5/8	1/8
Overall Dimensions (in./ L x W x H)	61 x 21 x 28	61 x 21 x 26
Net Weight (lbs.)	342	190

STOCK NUMBER (FLOOR)	752002
Model Number	HB-1697H
Mild Steel Capacity (Gauge)	16
Maximum Lift of Beam (in.)	2-1/4
Bending Length Capacity (in.)	97
Beam Adjustment (in./front to rear)	1
Overall Dimensions (in./ L x W x H)	120 x 31 x 57
Net Weight (lbs.)	2,290

50" ELECTRICAL POWER SLIP ROLL

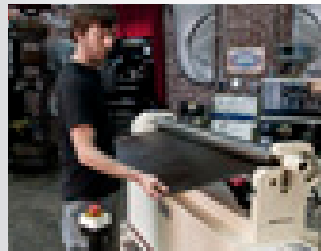
Rugged frame and base ensure that hardened polished, high-carbon steel rolls on the JET Electrical Power Slip Roll deliver smooth, even results. All electrical and rotating parts are designed to enhance operator safety and comfort during use. Easy setup and operation, this is a must-have for any HVAC or fabrication shop.



752116

FEATURES

- Valuable machine tool for sheet metal forming in HVAC and FAB shops
- Three-roll machine with two driven rolls.
- Rolls are made of hardened polished high-carbon steel
- Heavy-duty frame and base insure precise sheet metal rolling
- Easy setup and operation
- Forming roll has attached position scale for equal pressure adjustment
- Weight and rigidity; scale and precision; strength and simplicity define exceptional comfort and ease of operation.
- Convenient foot-control assembly with emergency-button
- All electrical and rotating parts are designed for safety and comfortable operation during machine use.



VALUABLE TOOL FOR HVAC AND FAB SHOPS



EASY TO USE FORWARD AND REVERSE FOOT PEDAL WITH E-STOP



SAFETY BAR, WHEN PUSHED WILL SHUT DOWN THE MACHINE.

STOCK NUMBER	752116	752122
Model Number	BP-1648H	BP-2248H
Mild Steel Capacity (Gauge)	16	22
Bending Length Capacity (in.)	48	48
Maximum Lift of Beam (in.)	1-1/4	7/8
Maximum Box Depth (in.)	4	3
Beam Adjustment (in./front to rear)	5/8	1/8
Number and Width of Fingers (in.)	5@2, 6@3, 5@4	5@2, 6@3, 5@4
Finger Nose Angle (deg.)	45	45
Nose Radius (in.)	1/32	1/32
Overall Dimensions (in./ L x W x H)	75 x 19 x 34	61 x 31 x 28
Net Weight (lbs.)	430	258

SLIP ROLLS

JET manual slip rolls have a forming width of 24", 36" & 50" with a capacity of 20, 22 & 16 gauge mild steel. These machines have two driven rolls of precision turned, ground and polished carbon steel. They are the perfect sheet metal forming machines to have in any general fabrication, school, racing or HVAC shop. The highly rigid construction frame ensures precision roll bending for decades of production. This sheet metal roller comes standard with three wire or rod grooves.



756020

FEATURES

- Suitable for many industrial, educational and vocational shop uses
- Precision turned carbon steel rolls that are ground and polished
- Large roll adjusting screws facilitate lifting
- upper roll for easy material removal

STANDARD EQUIPMENT

- Wire grooves are standard on SR-2024M,
- SR-2236M and SR-1650M

FLOOR STANDS FOR BENCH MODEL METALFORMING MACHINES

- We offer stands that fit our bench model hand brakes, box & pan brakes, slip rolls and combination shear, brake and rolls.



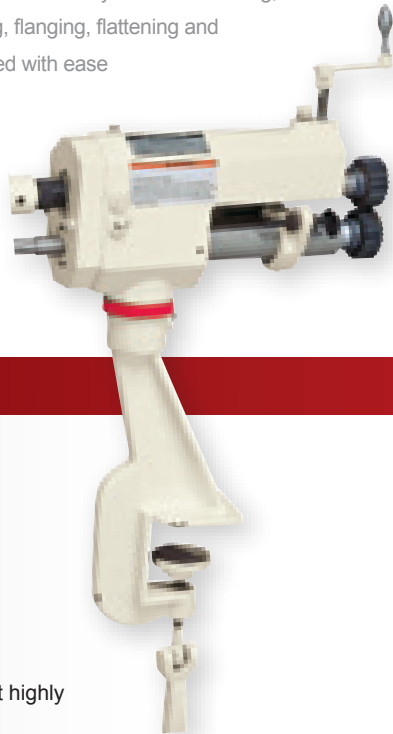
754200

STOCK NUMBER	756020	756026	756050
Model Number	SR-2024M	SR-2236M	SR-1650M
Mild Steel Capacity (Gauge/in.)	20	22	16
Max. Forming Length (in.)	24	36	50
Number and Diameter of Rolls	3 and 2	3 and 2	3 and 3
Min. Forming Radius (in.)	1	1	2
Wire Grooves (in.)	3/16, 1/4, 5/16	3/16, 1/4, 5/16	1/4, 5/16, 3/8
Overall Dimensions (in./ L x W x H)	50 x 14 x 14	62 x 14 x 14	67 x 16 x 20
Net Weight (lbs.)	216	256	565

STOCK NUMBER	754200	754024	754030	754036	754040	754051
Model Number	S-48N	SRS-24N	SRS-30N	SRS-36N	SRS-40N	SRS-50N
Fits	BP-2248H BP-1648H HB-2248H HB-1648H	SR-2024M	SBR-30M	SR-2236M	SBR-40M	SR-1650M
Overall Dimensions (in./ L x W x H)	56-1/2 x 18-1/4 x 28	30 x 14 x 28	40 x 16 x 24	42 x 14 x 28	49 x 21 x 30	68 x 22 x 30
Net Weight (lbs.)	85	35	45	51	82	70

ROTARY MACHINE

The JET Rotary Machine features a long throat that enables use for a variety of needs. Burring, edging, elbowing, flanging, flattening and turning all handled with ease and accuracy.



FEATURES

- Long throat makes unit highly versatile
- Performs burring, edging, elbowing, flanging, flattening and turning
- Adjustable roll pressure by means of top mounted hand crank
- Can be used in both forward and reverse
- Operation is smooth, fast and precise
- Table mount with clamp is standard
- Six interchangeable rolls with 27/32" I.D.

STOCK NO.	756022
Model Number	RM-22T
Distance Between Shaft Centers (in.)	2
Frame Throat Depth (in.)	7
Overall Dimensions (in./ L x W x H)	18 x 8 x 16
Cutting Capacity (Gauge)	22
Net Weight (lbs.)	64



SIX INTERCHANGEABLE ROLLS FOR BEADING, CLOSING, TURNING, JOGGING, CRIMPING AND FLANGING

HAND NOTCHER

JET's high quality cast iron sheet metal Notcher is ideal for any garage or sheet metal shop. It's compact design makes it perfect for on-site use. The cutting angle is fixed at ninety degrees and can notch up to 6" x 6" in one manual stroke.



FEATURES

- Made of cast iron
- Capable of notching virtually any shearable material
- Can notch angles of more than 90° through a two-step process
- Easy-to-read front gauges
- Heavy-duty cutting blade

STOCK NO.	756016
Model Number	HN-16T
Cutting Capacity (Gauge)	16
Piercing Capacity (Gauge)	18
Maximum Notch (in.)	6 x 6
Stroke (in.)	3/4
Overall Dimensions (in./ L x W x H)	24 x 21 x 26
Net Weight (lbs.)	165

OPTIONAL EQUIPMENT	STOCK NO.
Stand	754017

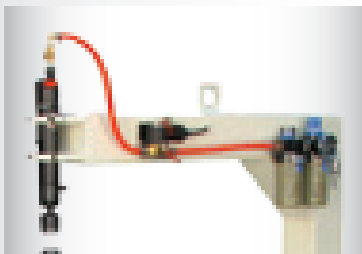
24" PROFESSIONAL PLANISHING HAMMER

JET's 24" Planishing Hammer has a quick change set up on the upper dies and a deep throat that works to the middle of most panels. The head with 3-speed regulator is capable of 4,400 – 4,800 / 3,200 – 3,500 / 1,800 – 2,000 blows-per-minute (BPM). Easy-to-reach, adjustable flow control valve allows the user to deliver the proper BPM needed for any job. Operates on standard shop air.



FEATURES

- Smooths beads and forms mild steel sheet metal up to 16 gauge
- Smooths beads and forms aluminum and copper up to 1/8" thick
- Machine is supplied with an upper and anvil die set
- 3-Position airflow regulates speed of pneumatic hammer
- Machine controlled with 110V foot control
- 2-Die Set Brackets
- Quick change of upper dies



EASY TO REACH ADJUSTABLE FLOW VALVE ALLOWS THE USER TO DELIVER THE PROPER BPM NEEDED FOR ANY JOB



FRONT LEGS WITH STABILIZER BAR AND 2 BACK LEGS MAKES IT EXTRA STURDY

STOCK NUMBER	756121
Model Number	PH-24T
Frame Tube Size (in.)	4 x 4
Throat (in.)	24
Head Opening (in.)	2-1/2
Maximum Pressure (psi)	90
Air Consumption (CFM)	8.8
3-Speed Regulator (blows per min.)	1,800 - 2,000
Noise Level (dB)	92.26 - 104.3
Overall Dimensions (in./L x W x H)	34 x 30 x 61
Net Weight (lbs.)	220
Beam Adjustment (in./front to rear)	1/8
Overall Dimensions (in./ L x W x H)	61 x 31 x 28
Net Weight (lbs.)	258

45" PROFESSIONAL ENGLISH WHEEL

JET's highly versatile and highly effective metalforming and shaping machines are designed to form compound curves in sheet metal for the restoration of collectible cars, motorcycles, and airplanes. This English Wheel has an upper rolling wheel and comes standard with 4 rolling wheels and 10 lower anvil wheels with different crowns to create different radiuses.

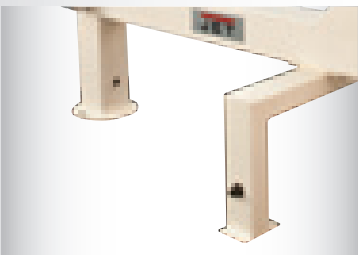


FEATURES

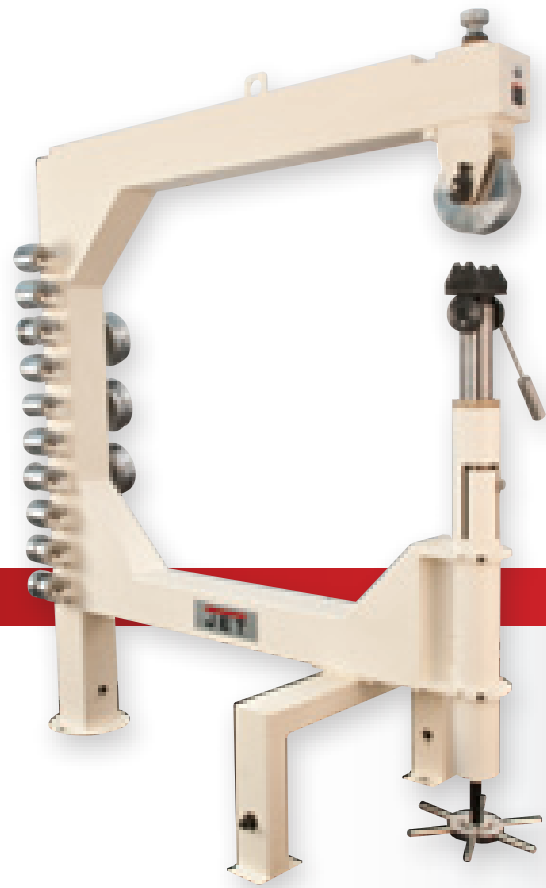
- Rolls beads and forms mild steel sheet metal up to 16 gauge
- Rolls beads and forms aluminum and copper up to 1/8" thick
- Machine supplied with 10 anvils and 4 rolling wheels
- Three sets of popular fender groove shaping wheels
- Screw lift assembly designed for comfort and precise pressure setup
- Quick cam handle releases the work piece
- Both wheels swivel 90°
- Quick wheel change without using any tooling
- Wheels supplied with sealed bearings for smooth operation
- Heavy-duty frame
- Storage brackets for rolling and anvil wheels
- Throat 45"
- Rolling wheels 6" diameter



ALL WHEELS & ANVILS ARE POLISHED



RETRACTABLE CASTERS ON ALL LEGS MAKE IT EASY TO MOVE AROUND THE SHOP



STOCK NUMBER	756151
Model Number	WH-45T
Frame Tube Sizes (in.)	4 x 4
Throat (in.)	45
Head Opening (in.)	6
Head and Anvil Sit Swivel (deg.)	90
Rolling Wheels Diameter (in.)	6
Overall Dimensions (in./ L x W x H)	64 x 31 x 58
Net Weight (lbs.)	458

ARBOR PRESS

Every JET arbor press is made of a heavy ductile iron casting that offers incredible strength and rigidity to the overall framework. The base, ram housing, framework and 4 position bottom plate are precision machined for unquestioned accuracy.



752125

FEATURES

- For all production and assembly applications
- Precision cut steel rams and pinions for accurate operation
- Tables and slotted table-plates are flat and parallel to provide accurate support

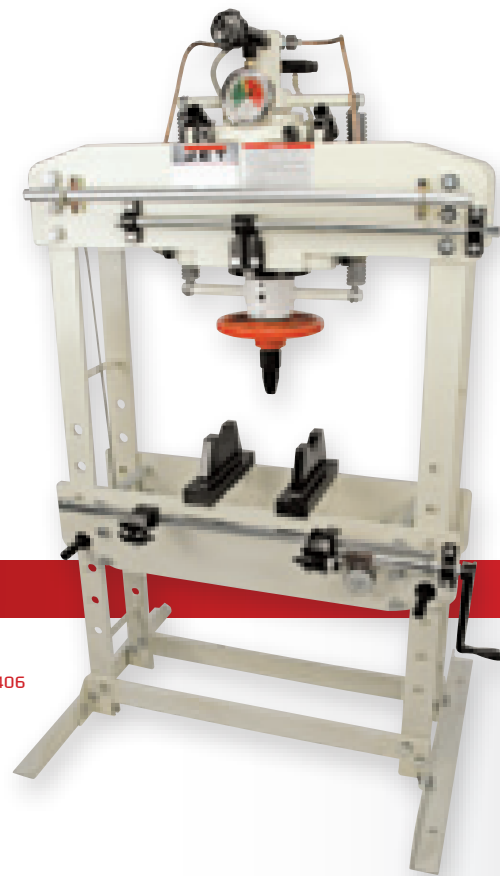


ANVIL INCLUDED WITH EVERY JET ARBOR PRESS

STOCK NUMBER	333605	333610	333620	333630	333650	754051
Model Number	AP0-M	AP1-M	AP2-M	AP3-M	AP5-M	SRS-50N
Diameter of Work (in.)	6-5/8	8	11-3/8	10-3/4	17	SR-1650M
Capacity Over Table (in.)	4-3/4	5-7/8	9	12-1/2	18-1/6	68 x 22 x 30
Size of Ram Face (in.)	3/4 x 7-7/8	1 x 9-1/8	1-1/4 x 13	1-1/2 x 18	2 x 27-1/2	70
Approx. Pressure (tons)	1/2	1	2	3	5	70
Ram Bore (in.)	3/8	3/8	1/2	1/2	1/2	70
Height (in.)	10.9	12	16-1/4	21-1/2	35	70
Base Size (in.)	4 x 9-1/2	5 x 10-3/4	6-3/8 x 17	8-1/2 x 18	9-7/8 x 26	70
Net Weight (lbs.)	19	27	68	108	262	70

HYDRAULIC SHOP PRESSES

JET's Hydraulic Shop Press line consists of a 5, 15 and 35 ton hydraulically powered H frame press. Each machine is built using heavy steel plate that is electro welded together, and comes standard with industrial grade hydraulics. These machines are for the serious fabrication and machine shop owner who demands only the best quality from his operation.



331406

FEATURES

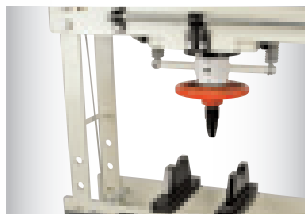
- For pressing, bending and straightening operations
- Easy-to-use, hand-operated with pressure gauge for direct pressure readings
- Tables raise and lower easily with use of hand crank on the 15-, 35-ton models
- Side frames are open for inserting long material
- Fast setup ram extension screw
- Ram moves laterally for added versatility (15-ton and 35-ton models)

STANDARD EQUIPMENT

- Two bed plates and pump handles
- Straightness testing support uses centers or v-blocks on the 15-, 35-ton models



EASY TO USE LARGE HAND WHEEL



SIDE FRAME IS OPEN FOR INSERTING LONG MATERIAL

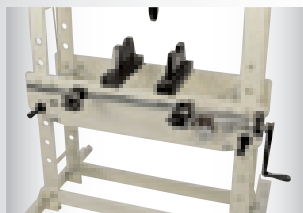


TABLE RAISES AND LOWERS EASILY WITH HAND CRANK ON THE 15 & 35 TON MODELS

STOCK NUMBER	331406	331416	331431
Model Number	HP-5A	HP-15A	HP-35A
Capacity (tons)	5	15	35
Ram Diameter (in.)	1-3/4	2-1/2	3
Piston Stroke (in.)	4	4-1/2	4-3/4
Screw Stroke (in.)	3	3-1/8	4
Work Table Size (in.)	19 x 5-1/2	24-3/4 x 7-1/2	31 x 10-3/8
Lateral Movement (in.)	N/A	10-3/16	15
Vertical Table Travel (in.)	15-3/4	22-3/16	23-5/8
Overall Dimensions (in./ L x W x H)	24 x 26 x 52	34 x 30 x 66	43 x 34 x 69
Net Weight (lbs.)	192	435	783

MANUAL PIPE BENDERS

JET Manual Hydraulic Pipe Benders are the bender of choice among fabricators who need a hydraulically powered, easy to use bending machine for general fabrication work, whether on the job or at home. Since no external power is needed to operate, it is ideal for use on the job site.



331900

FEATURES

- For all production and assembly applications
- Precision cut steel rams and pinions for accurate operation
- Tables and slotted table-plates are flat and parallel to provide accurate support



UPPER AND LOWER HEAVY DUTY WING PLATE



PUMP THE EASY TO USE HANDLE TO BEND PIPE

STOCK NUMBER	331900	331910
Model Number	JHPB-20	JHPB-30
Pipe Size Capacity (in.)	1/2-2	1/2-3
Max. Pipe Wall Thickness (in.)	1/5	6/25
Maximum Load (tons)	9	20
Piston Stroke (in.)	10-1/4	12-5/8
Ram Diameter (in.)	1-3/4	2-1/3
Overall Dimensions (in./ L x W x H)	40 x 26 x 28-3/4	40 x 35 x 28-3/4
Net Weight (lbs.)	115	260
Net Weight (lbs.)	19	27

FORMING HELPFUL INFO

JET WANTS TO MAKE YOUR JOB EASIER BY PROVIDING YOU WITH SOME BASIC AND HELPFUL INFORMATION ON ALL OF OUR METAL FORMING PRODUCTS AND FORMING IN GENERAL.



BENCH & FLOOR MODEL HAND BRAKES
STOCK NO. 756222



ELECTRIC SLIP ROLL
STOCK NO. 756027



FLOOR BOX AND PAN BRAKE
STOCK NO. 752127



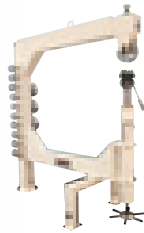
3 IN 1 SHEAR BRAKE & ROLL
STOCK NO. 756031

JET CONVERSION CHART FOR METAL FORMING MACHINES

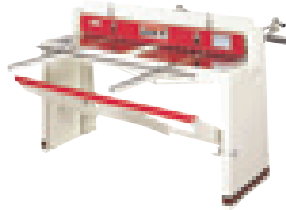
MILD STEEL CAPACITY (GAUGE)	24	22	20	18	16	14	12
Inch	.024	.030	.036	.048	.060	.075	.105
mm	.61	.76	.91	1.2	1.5	1.9	2.3
IRON							
Dead Soft Gauge	24	22	20	18	16	14	12
STEEL							
Low Carbon H.R. (gauge)	24	22	20	18	16	14	12
Low Carbon C.R. (gauge)	24	22	20	18	16	14	12
40% - 50% Carbon H. R. (gauge)	28	26	24	22	20	18	16
1074, 1095 C.R.							
Annealed Spring Steel (gauge)	28	26	24	22	20	18	16
Low Carbon C.R. (gauge)	26	24	22	20	18	18	16
STAINLESS STEEL							
Annealed (gauge)	28	26	24	22	20	18	16
ALUMINUM							
1100-0, 2024-0, 1100-h16	.045	.057	.068	.090	.120	.160	.200
2024-T3, 5052-H34, 6061-T6, 7075-T4	.030	.036	.048	.063	.090	.108	.125
COPPER AND ALLOYS							
Electrolytic Copper	22	20	18	16	14	12	10
Bronze Commercial	22	20	18	16	14	12	10
Brass 70-30 (gauge)	22	20	18	16	14	12	10
NICKEL ALLOYS							
Inconel 600, Monel R405 (gauge)	28	26	24	22	20	18	16
Nickel 200A, Annealed (gauge)	28	26	24	22	20	18	16



HYDRAULIC SHOP PRESS
STOCK NO. 331406



45" PROFESSIONAL ENGLISH WHEEL
STOCK NO. 756151



FOOT SHEAR
STOCK NO. 752652



ARBOR PRESS
STOCK NO. 333605

JET CONVERSION CHART FOR METAL FORMING MACHINES

ZINC							
As rolled (gauge)	24	22	20	18	16	14	12
PLASTICS							
ABS Compounds	.060	.090	.120	.150	.200	.225	.250
Polycarbonate	.048	.063	.075	.105	.125	.155	.188

CONVERTS SHEET METAL GAUGE NUMBERS INTO METAL THICKNESS

Gauge	26 ga.	24 ga.	22 ga.	20 ga.	18 ga.	16 ga.	14 ga.	13 ga.	12 ga.	11 ga.	10 ga.	9 ga.	8 ga.	7 ga.	6 ga.
Inch	.018"	.024"	.030"	.036"	.048"	.060"	.075"	.090"	.105"	.120"	.135"	.150"	.164"	.180"	.194"
mm	.46 mm	.61 mm	.76 mm	.91 mm	1.2 mm	1.5 mm	1.9 mm	2.3 mm	2.7 mm	3 mm	3.4 mm	3.8 mm	4 mm	4.6 mm	4.9 mm

