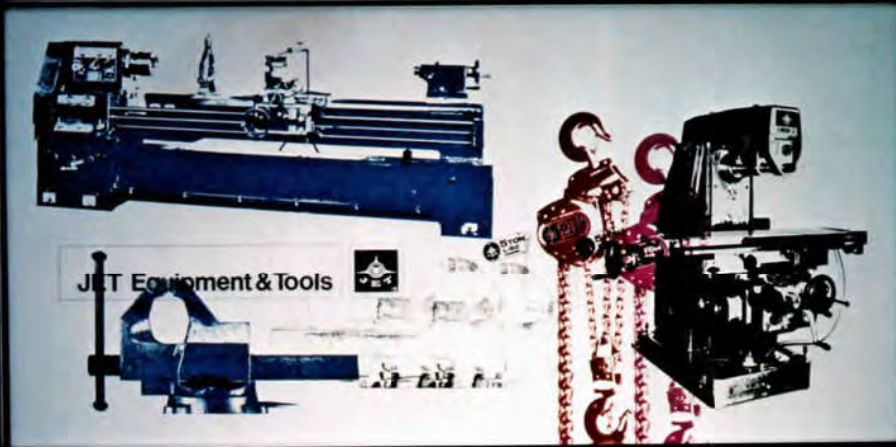




JET

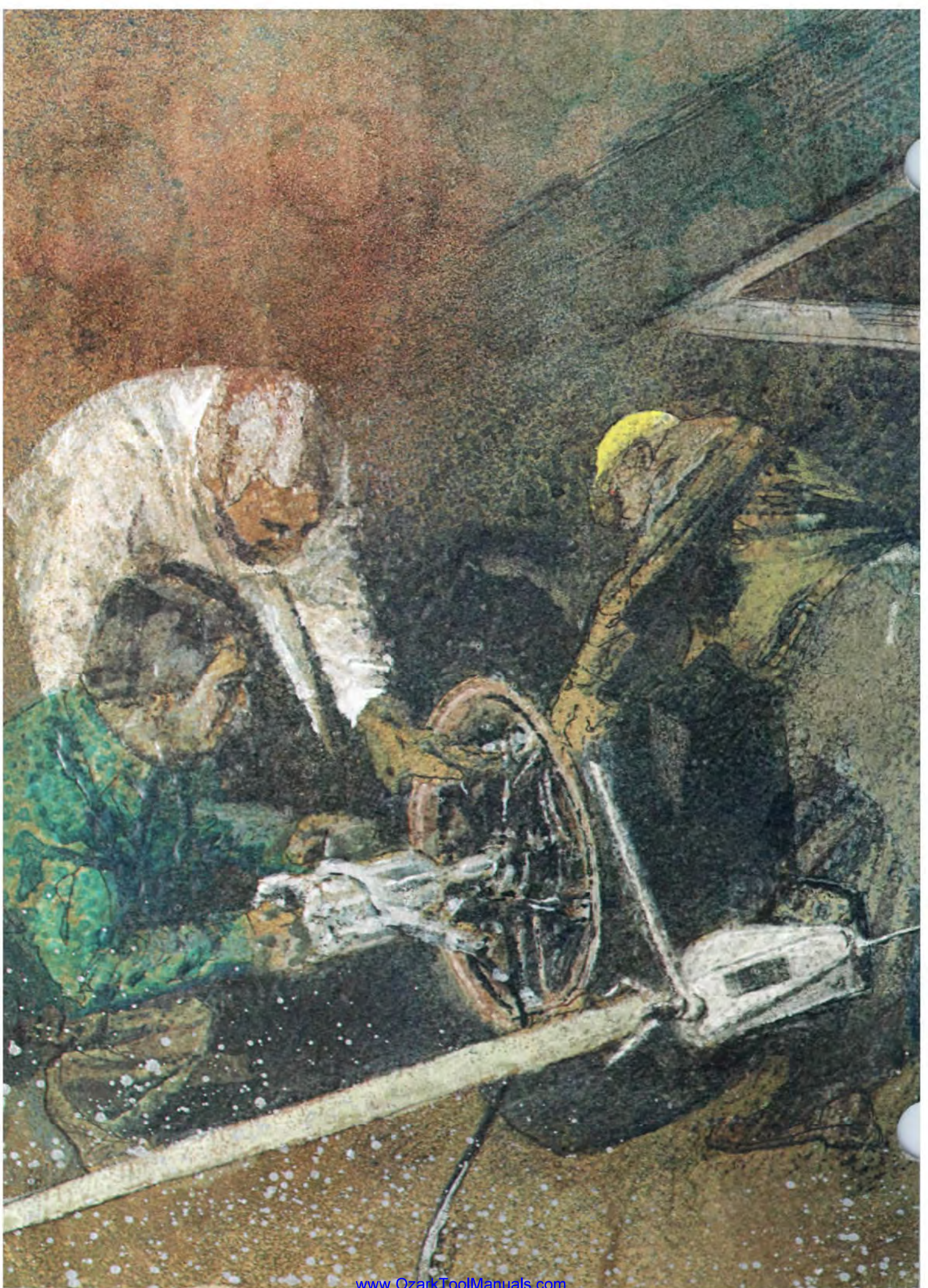


JET Equipment & Tools



JET Equipment & Tools





JET Machinery

To win a place in the expanded JET Machinery line, a product must prove itself durable, dependable, accurate and safe. This criteria has produced a line of machinery which contains some of the finest machine tools available today . . . regardless of price.

You'll find JET Machinery in major industrial plants and small assembly lines. They are recognized by the experts who buy and use them as excellent values, easy to operate and maintain.

And, JET Machine Tool Accessories have helped many shops modernize their operations without stretching their budgets.

It makes good sense to check the JET Machinery line whenever you need a new piece of equipment.





Quality and precision with extras completely unavailable on other makes of bench lathes in the same price category. The JET-1024P is like any top quality production lathe — only smaller. It's designed for use by professionals, yet it's reasonably priced and easily affordable by any home shop enthusiast who appreciates working with a top quality machine tool.

Headstock and Main Spindle

Heavy main spindle is well supported with precision tapered roller bearings. Gears are helical, not straight, for long wear and quiet operation. Back gear is extra heavy duty and easy to engage. Spindle speeds range from 75-1,100 RPM with 12 changes, and the main spindle bore is a full 1-1/16" in diameter. Visual oil level gauges, usually found only on larger machines, make checking oil levels easy. Headstock lid

features a convenient built-in tool tray. Drive belts are guarded in compliance with OSHA regulations.

Bed and Bedways

Instead of flatways usually found on lathes of this size, the JET-1024P features two V-ways and two flatways for precision accuracy. Plus, ways are induction hardened and precision ground — an expensive option on other bench lathes. Bedway wipers are standard equipment. The bed itself is made from high tensile cast iron for sturdy support. The full length chip pan is standard.

Other Features

Lathe comes equipped with a powerful 1 HP, single phase, capacitor start motor and a convenient reversing switch. Quick change gearbox provides for a wide range of thread cutting in both inch and metric. Carriage ways are extra wide (11 1/2"). Top surface of carriage and compound are ground and finished. Cross-feed, compound, carriage and tailstock dials are equipped with direct reading micrometer collars. Tailstock may be offset for turning tapers.

Standard Accessories

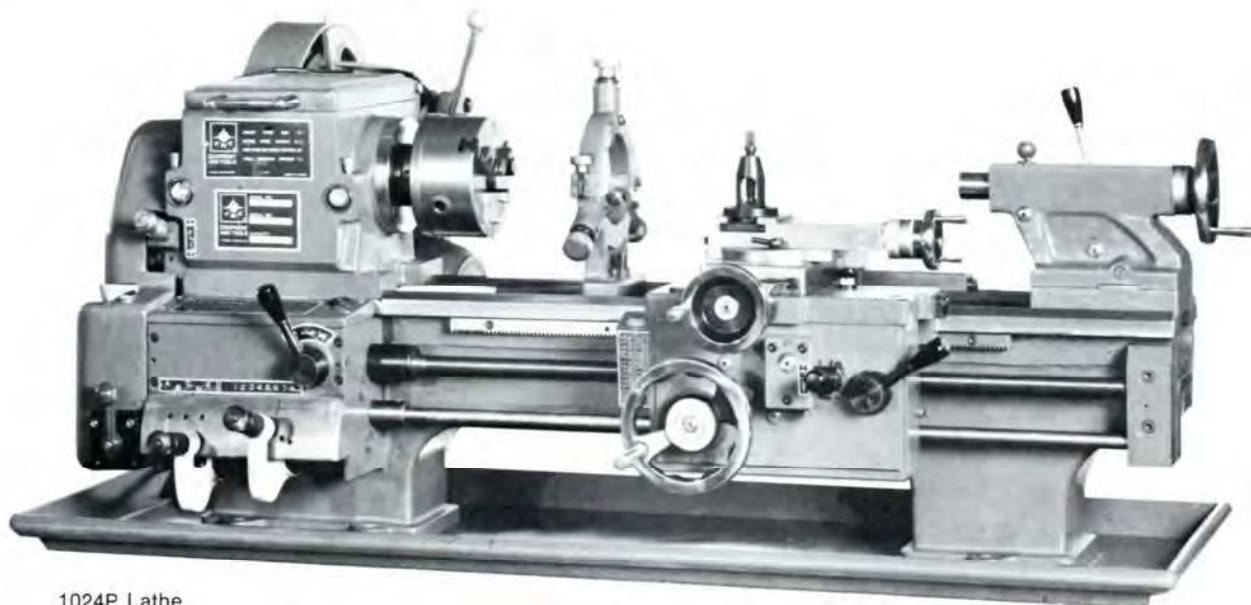
The JET-1024P is equipped as follows at no extra cost: 1 HP, single phase, capacitor start motor. Reversing switch, 6" 3-jaw universal chuck with threaded backplate. Steady rest. Change gears for metric threading. 8" face plate. Tool post. Chip pan. Bedway wipers. Threading dial. Centers and center sleeve. Toolpost wrench. Tool kit. V-belts. Motor pulleys. Mounting bolts. Instruction manual. Test report.

Optional Accessories

The following accessories are available at extra cost: 6" 4-jaw independent lathe chuck with threaded backplate. Plain semi-finished backplate threaded to fit spindle but not drilled. Follow rest. 1/8 HP coolant pump with 3 gal./min. flow rate. Hydraulic copy attachment. Stand.

SPECIFICATIONS:

Swing Over Bed:	10"
Swing Over Saddle:	5"
Distance Between Centers:	24"
Main Spindle Bore:	1-1/16"
Taper of Spindle Bore:	MT #4
Taper of Center:	MT #2
Spindle Speeds:	12
Range of Spindle Speeds (RPM):	75-1100
Carriage Travel:	18"
Cross Slide Travel:	6"
Compound Rest Travel:	4 3/4"
Maximum Size Cutting Tool:	5/8" x 5/8"
Tailstock Spindle Diameter:	1 1/4"
Tailstock Spindle Travel:	4"
Taper of Tailstock Center:	MT #2
Bed Length:	44 3/8"
Bed Width:	7 1/4"
Bed Height:	10"
Lead Screw:	8 TPI
Lead Screw Diameter:	3/4"
Inch Thread Cutting Range:	4-112 (40 kinds)
Metric Thread Cutting Range:	0.35-6 (24 kinds)
Range of Longitudinal Feed:	.004-.119 in./rev.
Range of Cross Feed:	.0016-.04 in./rev.
Main Drive Motor:	1 HP Sgl. Ph. 115/230V
Floor Space:	52"x27"
Net Weight lbs. (approx.):	570
Ship Weight lbs. (approx.):	780



1024P Lathe

Standard Accessories



Steady Rest



6" 3-Jaw Chuck
with Backplate



8" Face Plate



Metric Change Gears

Optional Accessories

Follow Rest



6" 4-Jaw Chuck
with Backplate

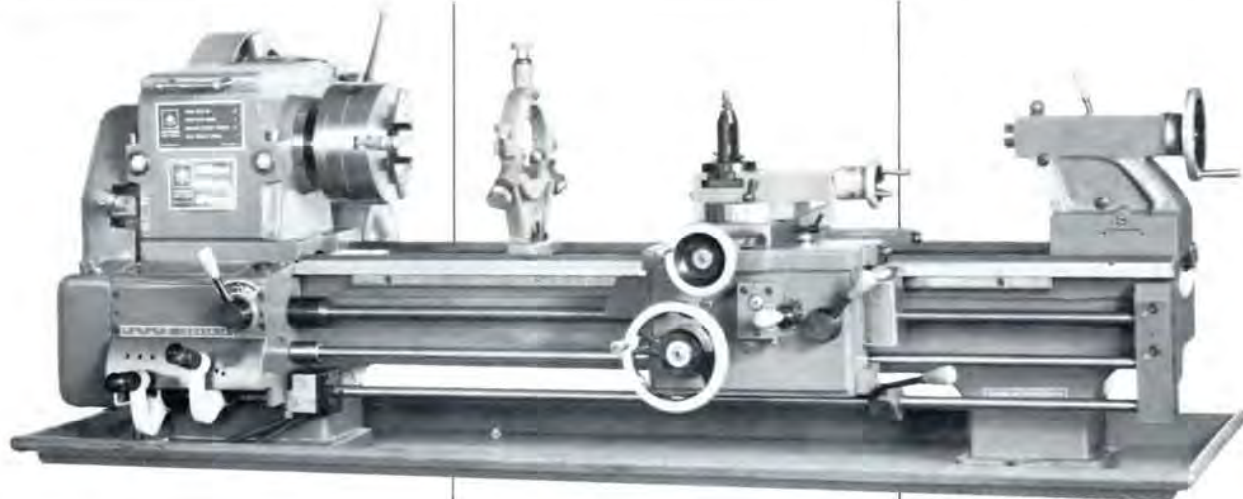


Coolant Pump



Stand





The JET-1236P is a heavy-duty, 12" x 36" lathe that will add flexibility and versatility to your shop. It's a bench lathe with engine lathe features. Precision quality for the shop, but priced low enough for the hobbyist and inventor.

Headstock and Spindle

Heavy main spindle is supported by precision tapered roller bearings. Hole through spindle is 1 $\frac{3}{8}$ ". The helical headstock gears are made from top quality hardened and ground steel. Speed controls are convenient and easy to operate. Powerful capacitor start motor has external junction box. And, jack shaft is supported by pillow block bearings.

Bed and Bedways

Saddle and tailstock ride on "V" and flat ways. Bedways are hardened and precision ground from high tensile cast iron.

Gear Box

The quick change gear box features a complete range of threading and feeding. 40 kinds of English threads are provided and 24 metric threads can be cut by using the metric change gears furnished as standard equipment with the lathe.

Apron and Saddle

The apron is designed for maximum convenience and safety. Automatic feeding and threading are fully interlocked. Lead screw and feed bar are independent. Threading dial is furnished as standard equipment. And, adjustable gibs are incorporated in saddle and slides. A single tool post, and bedway wipers are standard.

Standard Accessories

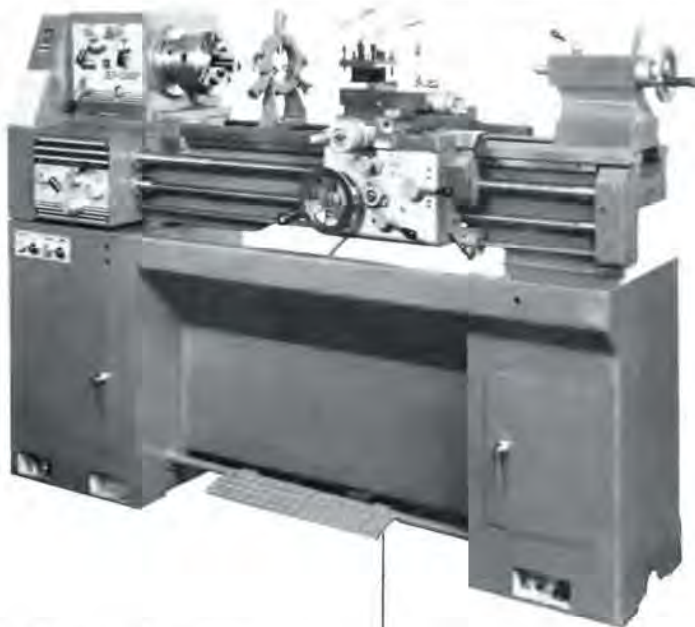
The JET-1236P includes the following accessories at no extra cost. 1 HP, single phase motor. 6" 3-jaw universal chuck. Steady rest. Metric change gears. Face plate. Back Plates. Centers. Center sleeve. Single tool post. Tool post wrench. Threading dial. Bedway wipers. V-belts. Chip pan. Motor pulley. Motor supporting base. Tool box and tools.

Optional Accessories

The following accessories are available at extra cost: 8" 4-jaw independent chuck. Follow rest. Coolant pump.

SPECIFICATIONS:

Swing Over Bed:	12"
Swing Over Cross Slide:	7"
Distance Between Centers:	36"
Height of Centers:	6"
Hole Through Spindle:	1 $\frac{3}{8}$ "
Taper of Spindle:	MT #4
Spindle Sleeve:	MT #4-MT #2
Carriage Travel:	30"
Cross Slide Travel:	6"
Compound Travel:	3"
Length of Bed:	56 $\frac{1}{2}$ "
Length of Bedways:	47"
Width of Bed:	7 $\frac{1}{4}$ "
Number of Spindle Speeds:	12
Range of Spindle Speeds:	50-1,000 RPM
Inch Thread Cutting Range:	4-112 (40 kinds)
Metric Thread Cutting Range:	0.5-7.5 (36 kinds)
Lead Screw Diameter and Pitch:	$\frac{3}{4}$ " x 8 TPI
Diameter of Feed Shaft:	$\frac{5}{8}$ "
Motor:	1 HP Sgl. Ph. 115/230V (Prewired 115V)
Overall Length:	61"
Overall Width:	31 $\frac{3}{4}$ "
Overall Height:	24 $\frac{1}{2}$ "
Net Weight lbs. (approx.):	800
Ship Weight lbs. (approx.):	1050



The JET-1240P is a heavy-duty, geared head 12" x 40" lathe driven by a powerful 3 HP motor. Use it in the production shop, school, tool room or automotive machine shop. Excellent for the gunsmith, pattern maker, prototype engineer and inventor.

Headstock and Spindle

Heavy main spindle is supported by precision tapered roller bearings. Hole through spindle is 1 $\frac{3}{8}$ " and can accommodate 5C collets. And, the spindle nose features a D1-4 Camlock for rapid chuck mounting and dismounting. The helical headstock gears are made from high tensile steel and are carefully hardened and ground. Variable speed controls are convenient and easy to operate.

Bed and Bedways

Saddle and tailstock each ride on a "V" and flat way. Bedways are induction hardened and precision ground from high tensile cast iron. And, an 18" gap is provided for large diameter and abstract shaped work pieces. The heavy steel stand is standard equipment, and includes a collet rack.

Gear Box

The overload protected quick change gear box features a complete range of threading and feeding. 40 kinds of English threads are provided, and 24 metric threads

can be cut by using the metric change gears furnished as standard equipment with the lathe.

Apron and Saddle

The apron is designed for maximum convenience and safety. Automatic feeding and threading are fully interlocked. Threading dial is furnished as standard equipment. Both traverse screws are fitted with micrometer collars graduated in .001". And, slide locking clamps and easily operated strip adjusters are incorporated in saddle and slides. A 4-way tool post and bedway wipers are standard.

Standard Accessories

The JET-1240P includes the following accessories at no extra cost: 3 HP, sgl. phase motor. 6" 3-jaw universal chuck. Steady rest. Face plate. Coolant pump. Centers (MT #3). Center sleeve (MT #5-#3). Tool box and tools. Gun oiler. Metric change gears. Tool post wrench. Threading dial. V-belts. Back plates. Bedway wipers. Steel stand with chip and coolant tray. Motor pulley. Motor supporting base. Instruction and spare parts manual.

Optional Accessories

The following accessories are available at extra cost: 8" 4-jaw independent chuck. Follow rest. Copying attachment.

SPECIFICATIONS:

Swing Over Bed:	12"
Swing Over Gap:	18"
Swing Over Cross Slide:	6 $\frac{7}{8}$ "
Distance Between Centers:	40"
Type of Spindle Nose:	D1-4 Camlock
Main Spindle Bore:	1 $\frac{3}{8}$ "
Taper of Spindle Bore:	MT #5
Taper of Center:	MT #3
Number of Spindle Speeds:	8
Range of Spindle Speeds (RPM):	85-1600
Carriage Travel:	30"
Cross Slide Travel:	6 $\frac{1}{4}$ "
Compound Rest Travel:	5"
Max. Size Cutting Tool:	1"x1"
Tailstock Spindle Diameter:	1 $\frac{5}{8}$ "
Tailstock Spindle Travel:	4"
Taper of Tailstock Center:	MT #3
Bed Length:	65"
Bed Width:	8"
Bed Height:	9"
Lead Screw:	$\frac{7}{8}$ "x8 TPI
English Thread Cutting:	4-112 TPI (40 kinds)
Metric Thread Cutting:	0.35-6mm/pitch (24 kinds)
Range of Longitudinal Feed:	0.004-0.130 in./rev.
Range of Cross Feed:	0.001-0.043 in./rev.
Main Drive Motor:	3 HP Sgl. Ph. 220V
Coolant Pump Motor:	$\frac{1}{8}$ HP
Floor Dimension:	69"x17 $\frac{3}{4}$ "
Net Weight lbs. (approx.):	1220
Ship. Weight lbs. (approx.):	1540



Whether used in tool room, automotive shop, plant or garage, you'll find the JET-1430 to be both accurate and dependable. Simple design, modern appearance and popular features are combined with rugged construction. Its low price makes it perfect for small shops and hobbyists, yet its sophisticated features mean it can easily handle most production work.

Bed

The bed of the JET-1430 is supported by a rigid, box-type base with built-in chip pan. Removable panels on the base make access to electricals and motor easy. Bed is made of close grained, seasoned castings, and "V" and flat ways are hardened and ground to close tolerance.

Headstock

The oversized main spindle of the 1430 is supported by two top quality, heavy-duty tapered roller bearings plus an oversized ball bearing. Positive gears are close meshed to provide maximum torque and smooth, quiet operation, and a wide range of spindle speeds permit diversified work. Three large V-belts transmit power from the heavy duty 2 HP motor to the headstock.

Feeding and Threading

The easy-to-operate gearbox provides positive transmission to the apron, and the close meshed gears are made of top grade steel for long wear and quiet running. The wide range of feeds and threads permits both inch and metric threading and the gearbox requires little or no maintenance other than routine lubrication. Independent lead screw and feed rod deter unnecessary use of either, and the two forward, reverse and neutral position control levers are equipped with spring loaded lock-out to prevent inadvertent starting of the machine.

Carriage

The H-type carriage is equipped with a sturdy four-way turret type tool post. The flat surfaced cross slide provides for the addition of extra tooling, and the easy-to-read dials are equipped with inch graduated micrometer collars.

Tailstock

The rugged two-piece tailstock is adjustable for taper turning and is equipped with a smooth operating quill and a positive clamp-down mechanism.

Standard Accessories

The JET-1430's low price includes: 7" 3-jaw chuck, 10" 4-jaw chuck, center rest, follow rest, 2 HP, 220V, 3 phase motor and centers. Taper attachment optional.

SPECIFICATIONS:

Swing Over Bedways:	14"
Swing Through Removable Gap:	23"
Size of Gap:	7½"x4½"
Swing Over Cross Slide:	4"
Distance Between Centers:	30"
Length of Bed:	60"
Width of Bed:	11½"
Length of Saddle on Bedways:	14½"
Spindle Nose:	A1-5
Spindle Bearings:	Taper, Roller & Ball
Spindle Bore and Taper:	1-9/16"-MT #5
Spindle Sleeve:	MT #5-MT #3
Number of Spindle Speeds:	8
Range of Spindle Speeds:	70-1050
Number of Longitudinal and Cross Feeds:	32
Longitudinal Feed Range:	.003-.01
Cross Feed Range:	.003-.01
Number of Metric Threads:	40
Range of Metric Threads:	.25-5
Number of Inch Threads:	40
Range of Inch Threads:	2-56
Taper in Spindle:	MT #3
Quill Travel:	5½"
Quill Diameter:	1.580"
Main Drive Motor:	2 HP 220V 3 Phase
Net Weight lbs. (approx.):	2100
Ship Weight lbs. (approx.):	2300



For day-to-day production work, the 1530 is an excellent choice. It's a heavy-duty machine capable of taking big cuts without compromising accuracy.

Headstock and Spindle

Headstock is a heavy casting of high tensile cast iron with spindle speed controls conveniently located and easy to use. Case hardened, heat-treated and ground alloy steel gears and shafts run in a constant oil bath for quiet running and long wear. Oversized heat-treated and precision ground main spindle is supported by two back-to-back tapered roller bearings and ball bearings to minimize heavy radial and axial thrust. And, D1-5 Camlock spindle nose makes chuck mounting fast and easy.

Bed and Bedways

Bed is made of Meehanite casting. Its one piece box type design adds strength and rigidity to the lathe. Removable gap allows easy turning of large diameter work. Ways are induction hardened and ground.

Gear Box

The totally enclosed gear box houses high tensile steel

gears running in a constant oil bath. An electromagnetic safety clutch senses any drag caused by errors in setting gears and automatically disengages motor to prevent damage. Both inch and metric threads can be cut. Controls are modern and easy to operate.

Apron and Saddle

The apron is a one piece casting of the double wall box type. Gears run in a constant oil bath. The saddle is extra wide and operates on a broad dovetail with adjustable taper gib. The 4-way indexing tool post is standard equipment.

Other Features

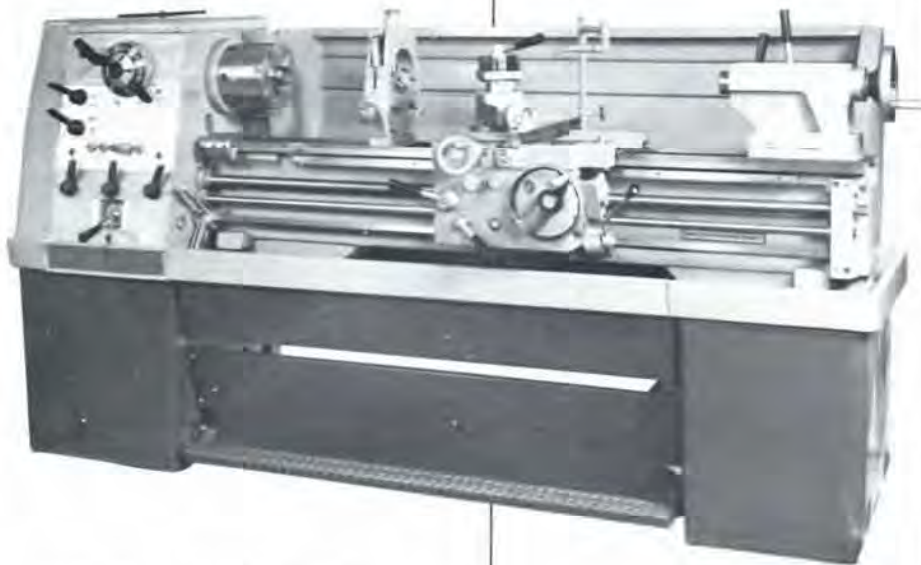
Two piece tailstock may be adjusted fore and aft for taper turning. A gib is provided for wear adjusting. An emergency brake pedal is provided to immediately stop spindle rotation and shut off power. Starter is equipped with a magnetic switch.

Standard Accessories

JET-1530 comes equipped with the following at no extra cost: 7" 3-jaw chuck, steady rest, follow rest, coolant pump, 3 HP 220/440V motor and tool box.

SPECIFICATIONS:

Swing Over Bed:	15 $\frac{3}{8}$ "
Swing Over Cross Slide:	8 $\frac{1}{4}$ "
Swing Over Gap:	22"
Distance Between Centers:	30"
Length of Gap in Front of Face Plate:	5 $\frac{1}{8}$ "
Hole Through Spindle:	1-9/16"
Spindle Nose:	D1-5 Camlock
Spindle Taper:	MT #5
Number of Spindle Speeds:	9
Range of Spindle Speeds (RPM):	68-1800
Number of Feeds:	40
Range of Longitudinal Feed:	.0047-.132 in./rev.
Range of Cross Feed:	.0044-.123 in./rev.
Travel of Cross Slide:	8"
Travel of Tool-Holder Slide:	3 $\frac{7}{8}$ "
Standard Tool Size:	$\frac{3}{4}$ "
Lead Screw Diameter:	1 $\frac{1}{8}$ " x 4 TPI
Thread Range English:	4-112 TPI
Thread Range Metric:	0.25-7mm
Diameter of Tailstock Spindle:	2-1/16"
Maximum Stroke of Tailstock Spindle:	6 $\frac{1}{2}$ "
Taper of Tailstock Center:	MT #3
Width of Bed:	11 $\frac{1}{4}$ "
Length of Bed:	61 $\frac{3}{8}$ "
Motor:	3 HP 3 Phase 220/440V (Prewired 220V)
Net Weight lbs. (approx.):	2200
Ship Weight lbs. (approx.):	2530



Compare the JET-1550 Engine Lathe with other units of its size and capabilities and you'll discover for yourself the quality and value. Features include extra-heavy rigid aged casting, all bearing surfaces are induction hardened and ground, a no-voltage release which prevents damage to the unit if power should be interrupted. Acute angle-ways guarantee precision accuracy, the footbrake allows rapid braking and separate push-button controls govern main motor and coolant system.

Saddle and Slides

Wide, full length cross slide is externally dovetailed for quick and easy mounting of accessories. Top and cross slides are fitted with micrometer dials. Cross slide nut has a backlash eliminator and all slides and saddle are fitted with locking clamps. Even the slideway lubrication is made easy with "one-shot" plunger type pump.

Headstock

You get shaved and hardened gears on the main transmission, 16 spindle speeds in geometric progression from 20 to 1800 RPM, a D1-6 Camlock spindle nose and 2-3/16" diameter spindle bore accepts 2 1/8" diameter bar.

Gearbox

The totally enclosed universal gearbox provides a compre-

hensive range of both English and Metric threads. The "gate-selector" mechanism insures more power and less wear through positive engagement of the gearbox on the sliding gear principle. You also get hardened gears and clutches as well as anti-friction bearings and lubrication throughout.

Apron

The double-wall type apron has splash-type lubrication, totally enclosed oil bath, built-in feed reverse operated by push/pull plunger and the apron handwheel disengages for rapid screw cutting. The double half nut provides maximum thread accuracy and is adjustable for wear. A special interlock device prevents simultaneous engagement of feeds.

Equipment Included As Standard

7 1/2 HP Motor
7" 3-Jaw Lathe Chuck
10" 4-Jaw Lathe Chuck
14" Face Plate
Steady Rest
Follow Rest
4-Way Tool Post
Center Sleeve
Centers (2)
Threading Dial
Full Length Splash Guard
Micrometer Carriage Stop
Coolant Pump
Tool Box with Tools
Instruction and Spare Parts Manual

SPECIFICATIONS:

Swing Over Bed:	15 1/4"
Swing Over Cross Slide:	9 1/2"
Swing Over Gap:	23"
Distance Between Centers:	50"
Length of Gap in Front of Faceplate:	6 1/8"
Hole Through Spindle:	2 1/8"
Spindle Nose:	D1-6 Camlock
Spindle Taper:	MT #4
Number of Spindle Speeds:	16
Range of Spindle Speeds (RPM):	20-1800
Number of Feeds:	39
Range of Longitudinal Feeds:	.00075-.020 inch/rev.
Range of Cross Feeds:	.0015-.040 inch/rev.
Travel of Cross Slide:	9 1/4"
Travel of Tool Holder Slide:	4 3/4"
Standard Tool Size:	3/4"
Lead Screw Diameter:	1 1/4" x 4 TPI
Thread Range — Inch:	2-72 TPI
Thread Range — Metric:	0.2-14mm
Thread Range — Diametral:	8-44 D.P.
Thread Range — Modular:	0.3-3.5 Mod.
Diameter of Tailstock Spindle:	2 1/4"
Travel of Tailstock Spindle:	6 1/8"
Taper of Tailstock Center:	MT #4
Width of Bed:	11"
Length of Bed:	71 1/2"
Motor:	7 1/2 HP, 3 Phase, 220/440V (Prewired 220V)
Net Weight lbs. (approx.):	2601
Ship Weight lbs. (approx.):	3307



JET-1860 Engine Lathe



JET's 1860 lathe is a heavy, precision machine capable of handling a full range of production work. Base is made of strong Meehanite iron and designed for rigidity. V-ways and flat ways are hardened and precision ground. Spindle is supported by tapered and ball bearings for long wear. Head stock features heat-treated chrome molybdenum gears. Gearbox provides for a wide range of feeds and thread cutting including, English, metric, modular and diametral threads. Electrical system is compact and easily accessible. Magnetic switches and a foot operated emergency brake provide extra safety for machine and operator.

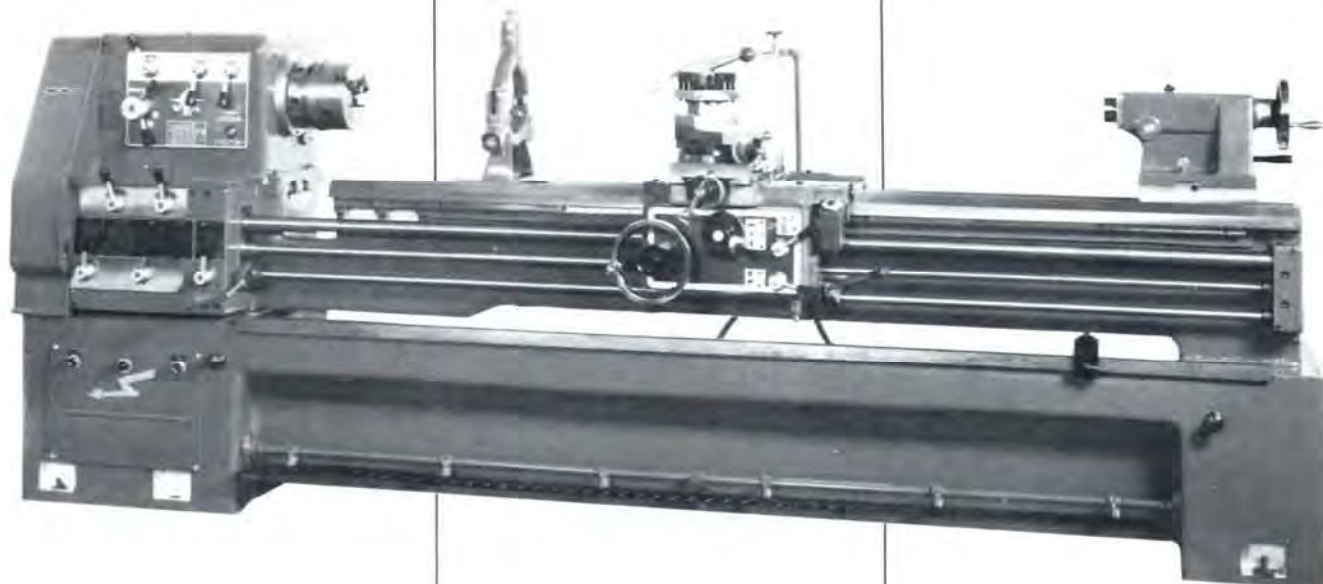
Standard Accessories

JET's 1860 lathe comes equipped at no extra cost with the following accessories: 12" 4-jaw independent chuck; 7" 3-jaw scroll chuck; 16" face plate; follow rest; steady rest; 5 HP, 3-phase motor; 2 chuck plates; 2 centers; center sleeve; tool post wrench; electric coolant pump; tool box and all necessary handles and tools. Taper attachment optional.

SPECIFICATIONS:

Swing Over Bedways:	18"
Swing Through Removable Gap Block:	28½"
Length of Gap:	10"
Swing Over Cross Slide:	10"
Distance Between Centers:	60"
Width of Bed:	14"
Length of Saddle on Bedways:	19¼"
Spindle Nose:	D1-6 Camlock
Spindle Bearings:	Taper Roller
Spindle Bore:	2-1/16"
Spindle Taper:	MT #6
Spindle Speeds:	12
Range of Spindle Speeds (RPM):	34-1500
Tailstock Spindle Taper:	MT #4
Tailstock Quill Travel:	8"
Tailstock Quill Diameter:	2.080"
Number of Cross Feeds:	31

Cross Feed Travel:	13"
Number of Longitudinal Feeds:	32
Longitudinal Feed Range (per rev.):	0.0028-0.0394"
Cross Feed Range (per rev.):	0.0010-0.0132"
Carriage Travel:	53"
Number of Metric Threads:	25
Range of Metric Threads:	0.5-7mm
Number of Inch Threads:	32
Range of Inch Threads:	4-56
Modular Threads Provided:	16
D.P. Threads Provided:	32
Main Drive Motor:	5 HP 3 Phase 220/440V (Prewired 220V)
Coolant Pump Motor:	1/8 HP 220V Induction Motor
Net Weight lbs. (approx.):	3900
Ship Weight lbs. (approx.):	4180



JET's 1880 lathe is a heavy, precision machine capable of handling a full range of production work. Base is made of strong Meehanite iron and designed for rigidity. V-ways and flat ways are hardened and precision ground. Spindle is supported by tapered and ball bearings for long wear. Head stock features heat-treated chrome molybdenum gears. Gearbox provides for a wide range of feeds and thread cutting including, English, Metric, Modular and Diametral threads. Electrical system is compact and easily accessible. Magnetic switches and a foot operated emergency brake provide extra safety for machine and operator.

Standard Accessories

JET's 1880 lathe comes equipped at no extra cost with the following accessories: 12" 4-jaw independent chuck; 7" 3-jaw scroll chuck; 16" face plate; follow rest; steady rest; 5 HP, 3 Phase motor; 2 chuck plates; 2 centers; center sleeve; tool post wrench; electric coolant pump; tool box and all necessary handles and tools. Taper attachment optional.

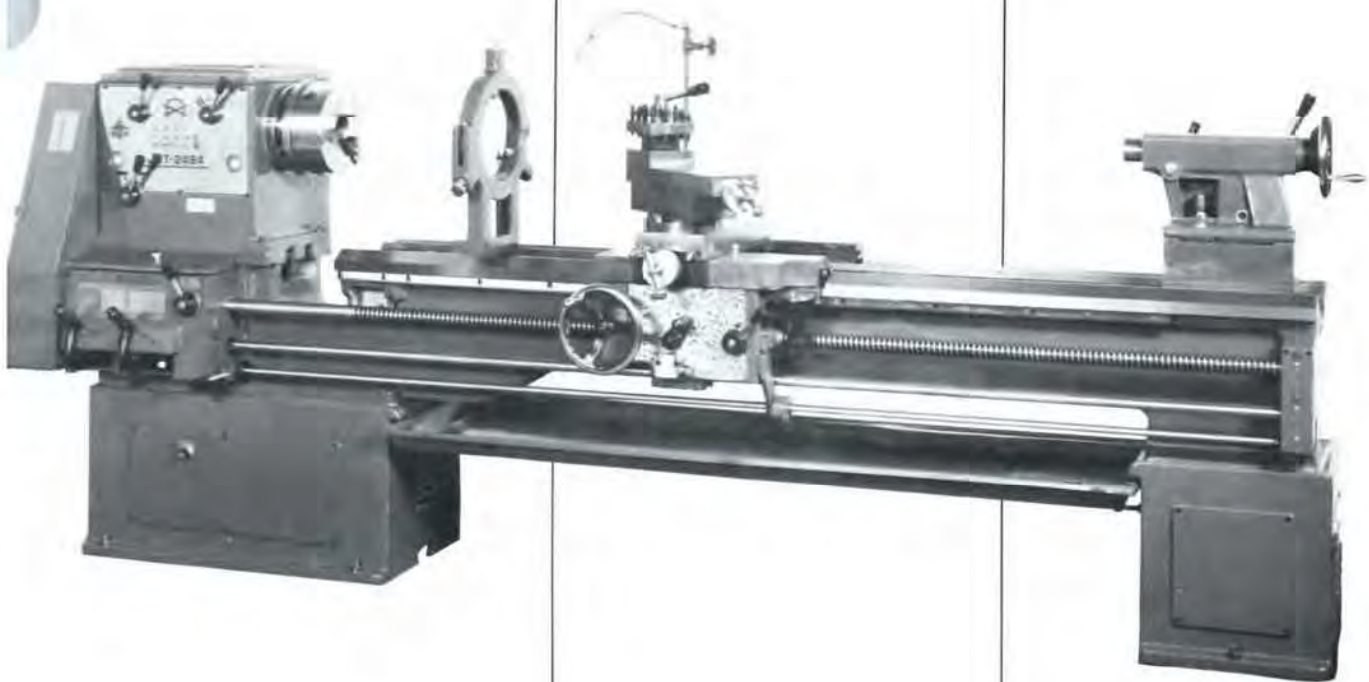
SPECIFICATIONS:

Swing Over Bedways:	18"
Swing Through Removable Gap Block:	28½"
Length of Gap:	10"
Swing Over Cross Slide:	10"
Distance Between Centers:	80"
Width of Bed:	14"
Length of Saddle on Bedways:	19¼"
Spindle Nose:	D1-6 Camlock
Spindle Bearings:	Taper Roller
Spindle Bore:	2-1/16"
Spindle Taper:	MT #6
Spindle Speeds:	12
Range of Spindle Speeds (RPM):	34-1500
Tailstock Spindle Taper:	MT #4
Tailstock Quill Travel:	8"
Tailstock Quill Diameter:	2.080"
Number of Cross Feeds:	31
Number of Longitudinal Feeds:	32

Longitudinal Feed Range (per rev):	0.0028-0.0394"
Cross Feed Range (per rev):	0.0010-0.0132"
Number of Metric Threads:	25
Range of Metric Threads:	0.5-7mm
Number of Inch Threads:	32
Range of Inch Threads:	4-56
Modular Threads Provided:	16
D.P. Threads Provided:	32
Main Drive Motor:	5 HP, 3 Phase 220/440V (Prewired 220V)
Coolant Pump Motor:	1/8 HP, 220V Induction Motor
Net Weight lbs. (approx.):	4850
Ship Weight lbs. (approx.):	5070



JET-2484 Engine Lathe



When you have big production needs and a tight budget, JET's 2484 Engine Lathe narrows the gap. You get precision, accuracy, quality and value. Its 3637 lbs. of stability and rigidity let you tackle the big jobs efficiently and with ease. V-ways and flat ways are hardened and precision ground. Spindle is supported by tapered and ball bearings for long wear. The distance between the centers is a big production 84 inches and the swing over bed is a spacious 24 inches. Naturally, for high volume production work you'll need the 40 feeds and the 13½" x 120" bed.

Standard Accessories

The powerful 7½ HP motor takes you through a range of eight speeds from 30 to 750 RPM. You also get a center rest, follow rest, coolant pump and 20" faceplate. A 9" 3-jaw chuck and a 14" 4-jaw chuck are also included, as well as a set of tools and toolbox.

SPECIFICATIONS:

Swing Over Bed:	24"
Swing Over Cross Slide:	16"
Swing Over Gap:	35"
Distance Between Centers:	84"
Hole Through Spindle:	2-9/16"
Spindle Nose:	A1-6
Spindle Taper:	MT #7
Number of Spindle Speeds:	8
Range of Spindle Speeds (RPM):	30-750
Number of Feeds:	40
Feed Range:	0.003-0.01 inch/rev.
Lead Screw Diameter:	1½" x 2 TPI
Width of Bed:	13½"
Length of Bed:	120"
Motor:	7½ HP, 3 Phase, 220/440V
Net Weight lbs. (approx.):	3637
Ship Weight lbs. (approx.):	4299



Economy, Quality and Value!

The JET TL-25 costs hundreds of dollars less than other popular turret lathes. That in itself would be compelling reason enough to take a look at the machine. But the JET TL-25 also includes the necessary accessories that are extra-cost options on other makes.

Accurate

Ways and critical parts are hardened and ground and each machine is individually tested for accuracy before leaving the factory. And the accuracy report is furnished with the machine you buy.

Headstock and Spindle

Rugged, one-piece casting molds the headstock with hinged cover for maximum safety with easy access. The extra large spindle is top-grade alloy, case-hardened and ground. It is accurately balanced and supported at four points with high-grade, precision FAG bearings. The TL-25 uses popular, inexpensive 5C collets for a maximum 1½ inch round bar capacity and is equipped with a fast lever collet closer. Spindle speeds range from 480 to

1940 RPM and can be easily changed while the lathe is running.

Turret Slide

Operated by a 3-spoke capstan wheel with an inclined 6-station circular turret, the slide features locks and adjustable length stops for each turret face. The turret tool hole diameter is a standard ¾". Threading stop features an auxiliary switch for automatic motor-reverse when threading.

Cross Slide

Mounted on a hardened dovetail bed for maximum accuracy, the slide features a tapered take-up gib. Other features include adjustable front and rear tool-posts mounted on adapter blocks in T-slots and adjustable end stops.

Standard Accessories

Included at no extra cost: Heavy cast base with chip pan, 2 HP, 3-phase 220V reversible motor and switch, independent coolant system, automatic bar feed, material stop, ¾" drill chuck, outside cutter holder, threading tool holder, knurling tool holder, recessing tool holder, tool holder with roller support,

taper tool holder, cut-off slide, ¼" round 5C collet, automatic threading reverse switch, and threaded semi-finished backplate for 4" lathe chuck.

SPECIFICATIONS:

Collet Type:	5C
Collet Chuck Capacity (Round Bar):	1/64-1 1/8"
Collet Chuck Capacity (Hex Bar):	1/8-7/8"
Collet Chuck Capacity (Square Bar):	1/8-3/4"
Threading Capacity (Brass):	3/4"
Threading Capacity (Iron):	1/2"
Spindle Nose:	M58 x 12 NC
Scroll Chuck Max. Capacity:	4"
Spindle Bore Diameter:	1 3/8"
Spindle Head Outside Dia.:	2-5/16"
Spindle Speeds (RPM):	480, 870, 1350, 1940
Bed Width:	4 3/4"
Bed Length:	28 1/2"
Swing Over Bed:	10 1/4"
Height from Center of Spindle to Bed:	5 1/8"
Cross Slide Max. Travel:	4 3/4"
Swing Over Cross Slide:	6 1/2"
Turret Slide Max. Stroke:	3-9/16"
Tool Hole Diameter:	3/4"
	6 stations
Max. Distance Turret Face to Spindle Nose:	8"
Motor:	2 HP 3 Phase 220V
Floor Space Required:	46" x 24 1/2"
Extra Space for Bar Feed:	79"
Machine Height:	44"
Net Weight lbs. (approx.):	913
Ship Weight lbs. (approx.):	1133





JET 10

Use less space and produce a maximum amount of work with the JET-10 Tapping Machine for real cost effectiveness on the job.

Features

The JET-10 Tapping Machine is loaded with features that streamline your tapping operations. For instance, the spindle is reversible due to the cone-clutch reverse mechanism inside the spindle head. Full handle control governs spindle action, belt adjustment is easy and the movable table adjusts to your working needs. You also get a 10" swing and 1/4 HP motor.

Important additional features are maximum safety design, depth stop device and a range of 8 spindle speeds. Spare parts are immediately available.

SPECIFICATIONS:

Swing:	10"
Tapping Capacity:	1/16" to 1/4"
Spindle Stroke:	1-9/16"
Max. Distance Spindle to Table:	11 7/8"
Max. Distance Spindle to Base:	15 3/8"
Taper of Spindle Nose:	JT #1
Table Size:	7 3/4" x 7 3/4"
Spindle Speeds (RPM)	
50 Hz Work:	480, 850
50 Hz Back:	700, 1250
60 Hz Work:	580, 1050
60 Hz Back:	700, 1250
Diameter of Column:	2 3/8"
Motor:	1/4 HP Sgl. Ph. 115V
Overall Height:	32"
Base Size:	14 1/4" x 8 1/4"
Net Weight lbs. (approx.):	99
Ship Weight lbs. (approx.):	120

Manufactured within strict tolerances. Built for long wear and simple upkeep. Popular JET Drill Presses are suitable for use in machine shops, automotive shops, maintenance shops and production operations. Massive heads are supported by heavy cast columns. Bases and tables are extra heavy for stable support with minimum vibration and quiet running. All parts are carefully machined and finished for accurate drilling. Spindles and drives are supported by stacked ball and thrust bearings. All features are designed for maximum safety. Parts for all models are stocked for immediate delivery.



Four ball bearings plus a thrust bearing support spindles and spindle pulleys in all models. That means you get long wear and accuracy of .0005" or better.



You'll appreciate the convenience of Jet's crank operated table raising mechanism. It's standard equipment on all 1/2" and larger machines.



The columns on Jet drill presses are extra-thick, with a ribbed bore. They are carefully machined from a single cast piece and provide extra support and less vibration to keep your Jet drill press quiet running and accurate.



Optional on most other drill presses, but standard equipment with Jet's 1/2" and larger machines. Table will tilt to 45° left or right.





JET 8

Overall Height: 20½"
Base Size: 8½" x 11½"
Working Surface: 6⅝" x 6¼"
Net Weight
lbs. (approx.): 35
Ship Weight
lbs. (approx.): 44

JET-8 Bench Model Drill Press

¼" Capacity

10" Swing

Convenient Depth Stop

Use for all small capacity drilling in metal or plastic. This machine is well built and accurate. Ball and thrust bearings support drive and spindle. Lightweight, machined aluminum alloy pulleys provide full transmission of power. Screw type depth gauge is quick and easy to use. Factory wired with tumbler switch and ready to accept any standard motor. Comes with ¼" drill chuck. Motor not included.

SPECIFICATIONS:

Swing: 10"
Drilling Capacity: ¼"
Maximum Distance
Spindle to Table: 11⅜"
Maximum Distance
Spindle to Base: 15"
Maximum Spindle
Travel: 2⅜"
Taper of
Spindle Nose: JT #1
Diameter of
Column: 2⅜"
Table Size: 7¾" x 7¾"

Vertical Travel
of Table: 11⅜"
Spindle RPM's
@ 1725 RPM: 900, 1500,
2500, 4200
Suggested Motor: ¼-1/3 HP
1725 RPM

Spindle Bearings: 6201
LLB(2)
6204
LLB(2)

Size of V Belt: M-34"
Overall Height: 27"
Base Size: 14¼" x 8¼"

Net Weight
lbs. (approx.): 70
Ship Weight
lbs. (approx.): 115

JET-6 High Speed Precision Drill Press

3/16" Capacity

7" Swing

12,000 RPM Motor Included

Use in optical, electronics, instrument or small appliance manufacturing or for dentistry, jewelry making or other crafts. Features a 12,000 RPM direct drive, single phase motor, dial sleeve depth stop, worm and gear height adjustment and swinging head. Extremely accurate and easy to operate. Drill chuck included.

SPECIFICATIONS:

Drilling Capacity: 3/16"

Maximum Distance
Spindle to Base: 6-11/16"
Maximum Spindle
Travel: 1-9/16"



JET 6



JET-13R



JET-14M



JET-420

SPECIFICATIONS:

Model: JET-13R

Swing	13"	Dia. of Column	3 1/8"	Machine Height	39"
Drilling Capacity	1/2"	Table	9 1/4" x 9 1/4"	Base	10 5/8" x 18 1/4"
Max. Distance Spindle to Table	18"	Vertical Travel of Table	16"	Net Weight (approx.)	140 lbs.
Max. Distance Spindle to Base	23"	Spindle RPM's @ 1725 RPM	500, 900 1600, 2800	Ship Weight (approx.)	150 lbs.
Max. Spindle Travel	3 1/8"	Suggested Motor	1/3 - 3/4 HP 1725 RPM	Spindle Bearings	6003Z(1), 6002Z(1) 51103Z(1), 6205Z(2)
Taper of Spindle Nose	JT #6	Size of V Belt	A-40"	Motor Mount	NEMA 56

Model: JET-14M

Swing	13"	Dia. of Column	3 1/8"	Machine Height	44"
Drilling Capacity	5/8"	Table	9 1/4" x 9 1/4"	Base	10 5/8" x 18 1/4"
Max. Distance Spindle to Table	21 1/2"	Vertical Travel of Table	17"	Net Weight (approx.)	150 lbs.
Max. Distance Spindle to Base	26 5/8"	Spindle RPM's @ 1725 RPM	500, 900 1600, 2800	Ship Weight (approx.)	163 lbs.
Max. Spindle Travel	3 1/4"	Suggested Motor	1/3 - 3/4 HP 1725 RPM	Spindle Bearings	6203Z(1), 6202Z(1) 51103Z(1), 6205Z(2)
Taper of Spindle Nose	MT #2	Size of V Belt	A-42"	Motor Mount	NEMA 56

Model: JET-420

Swing	16 1/2"	Dia. of Column	4"	Machine Height	50"
Drilling Capacity	3/4"	Table	11 1/8" x 11 1/8"	Base	13 3/8" x 23 3/4"
Max. Distance Spindle to Table	18 1/2"	Vertical Travel of Table	16 3/4"	Net Weight (approx.)	250 lbs.
Max. Distance Spindle to Base	26"	Spindle Speed @ 1725 RPM 1140 RPM	530, 900, 1500, 2400 355, 600, 1000, 1600	Ship Weight (approx.)	328 lbs.
Max. Spindle Travel	5 1/4"	Suggested Motor	3/4 - 1 HP 1725 RPM	Spindle Bearings	6205Z(1), 6204Z(1) 51105Z(1), 6207Z(2)
Taper of Spindle Nose	MT #2	Size of V Belt	B-50"	Motor Mount	NEMA 56



JET Drill Presses/Floor Models



JET-13RF



JET-14MF



JET-420F



JET-420F3P

Model: JET-13RF

Swing	13"	Dia. of Column	3 1/8"	Machine Height	67 1/4"
Drilling Capacity	1/2"	Table	9 1/4" x 9 1/4"	Base	13" x 23"
Max. Distance Spindle to Table	22 1/2"	Vertical Travel of Table	21"	Net Weight (approx.)	227 lbs.
Max. Distance Spindle to Base	51"	Spindle RPM's @ 1725 RPM	500, 900 1600, 2800	Ship Weight (approx.)	285 lbs.
Max. Spindle Travel	3 1/8"	Suggested Motor	1/2 - 3/4 HP 1725 RPM	Spindle Bearings	6003Z(1), 6002Z(1) 51103Z(1), 6205Z(2)
Taper of Spindle Nose	JT #6	Size of V Belt	A-40"	Motor Mount	NEMA 56

Model: JET-14MF

Swing	13"	Dia. of Column	3 1/8"	Machine Height	66 1/2"
Drilling Capacity	5/8"	Table	9 1/4" x 9 1/4"	Base	13 3/8" x 23 3/8"
Max. Distance Spindle to Table	21 1/2"	Vertical Travel of Table	17"	Net Weight (approx.)	220 lbs.
Max. Distance Spindle to Base	48"	Spindle Speeds @ 1725 RPM 500, 900, 1600, 2800 1140 RPM 335, 600, 1100, 1850		Ship Weight (approx.)	292 lbs.
Max. Spindle Travel	3 1/4"	Suggested Motor	1/2 - 3/4 HP 1725 RPM	Spindle Bearings	51103Z(1), 6203Z(1) 6205Z(2), 6202Z(1)
Taper of Spindle Nose	MT #2	Size of V Belt	A-42"	Motor Mount	NEMA 56

Model: JET-420F

Swing	16 1/2"	Dia. of Column	4"	Machine Height	70"
Drilling Capacity	3/4"	Table	11 7/8" x 11 7/8"	Base	13 3/8" x 23 3/8"
Max. Distance Spindle to Table	39 3/4"	Vertical Travel of Table	35"	Net Weight (approx.)	320 lbs.
Max. Distance Spindle to Base	46"	Spindle Speeds @ 1725 RPM 530, 900, 1500, 2400 1140 RPM 355, 600, 1000, 1600		Ship Weight (approx.)	422 lbs.
Spindle Travel	5 1/4"	Suggested Motor	3/4 - 1 HP 1725 RPM	Spindle Bearings	6204Z(1), 6205Z(1) 6207Z(2), 51105Z(1)
Taper of Spindle Nose	MT #3	Size of V Belt	B-50"	Motor Mount	NEMA 56

Model: JET-420F3P

Swing	16 1/2"	Dia. of Column	4"	Machine Height	70"
Drilling Capacity	1"	Table	11 7/8" x 11 7/8"	Base	13 3/8" x 23 3/8"
Max. Distance Spindle to Table	39 3/4"	Vertical Travel of Table	35"	Net Weight (approx.)	320 lbs.
Max. Distance Spindle to Base	46"	Spindle Speeds @ 1725 RPM 300, 450, 750, 1700, 2000, 3000		Ship Weight (approx.)	418 lbs.
Spindle Travel	5 1/4"	Spindle Speeds @ 1140 RPM 190, 290, 490, 1150, 1400, 2100		Spindle Bearings	6204Z(1), 6205Z(1) 6207Z(2), 51105Z(1)
Taper of Spindle Nose	MT #3	Suggested Motor	3/4 - 1 HP 1725 RPM	Motor Mount	NEMA 56
		Size of V Belt	A-27" and A-34"		



JRD-700

Combine drilling, tapping and boring capability in one sturdy 6-speed machine tool and enjoy true value, economy and precision. Features of the JET JRD-700 Radial Drill include a head unit with hardened gears mounted on a splined shaft which operates smoothly on ball bearings. Columns are designed for maximum rigidity and stability for minimum deflection while working; the arm is well ribbed to avoid stress from twisting. The arm is also mounted with a ground sliding way and elevates with an electrical control mechanism.

The high-carbon steel spindle is spline driven, and runs on large diameter taper roller bearings for maximum accuracy and smooth operation.

The base plate has T-slots and drain channels. The coolant tank is incorporated into the casting.

All motors have an independent overload protection system and no-volt release.

Standard accessories include the coolant system, work table, ammeter, reversing controls, complete electrical system and convenient tool box with the necessary tools.

SPECIFICATIONS:

Drilling Capacity (Steel):	1 1/2"
(Cast Iron):	2"
Tapping Capacity (Steel):	5/8"
(Cast Iron):	7/8"
Boring Capacity (Steel):	2 3/4"
(Cast Iron):	4 1/8"
Column Diameter:	8"
Max. Distance Spindle to Column:	28"
Min. Distance Spindle to Column:	5"
Spindle Travel on Arm:	23"
Max. Distance Spindle to Bed:	43 1/4"
Min. Distance Spindle to Bed:	17 1/4"
Vertical Movement of Arm:	26 1/8"
Size of Work Table:	20"x16"x15 3/4"
Spindle Taper:	MT #4
Ram Travel:	8 1/4"
No. of Speeds:	6
Range of Speeds (RPM):	88, 154, 282, 455, 796, 1500
No. of Feeds:	3
Feed Per Revolution (inch/rev.):	.002-.0035-.006
Spindle Motor:	2 HP 3 Phase 220/440V (Prewired 220V)
Arm Elevation Motor:	1 HP
Coolant Pump Motor:	1/8 HP
Overall Height:	80 3/4"
Measurement:	80"x55"x32"
Net Weight lbs. (approx.):	2094
Ship Weight lbs. (approx.):	2425



JET D-1000 Radial Drill



D-1000

Combine drilling, tapping and boring capabilities and enjoy true value, economy and precision with JET's D-1000 Radial Drill.

Features include a head unit with hardened gears mounted on a spline shaft which operates smoothly on ball bearings. Column is designed for maximum rigidity and stability for minimum deflection while working, and the arm is well ribbed to avoid stress from twisting. Arm is also mounted with ground sliding ways and elevates with electrical control mechanism.

The high-carbon steel spindle is spline driven and runs on large diameter taper roller bearings for maximum accuracy and smooth operation.

The base plate has T-slots

and drain channels. A coolant tank is incorporated into the casting.

All motors have an independent overload protection system and no-volt release.

Standard accessories include the coolant system, work table, ammeter, reversing controls, complete electrical system and convenient tool box with the necessary tools.

SPECIFICATIONS:

Drilling Capacity
Steel: 1 3/8"
Cast Iron: 1-9/16"
Tapping Capacity
Steel: 3/4"
Cast Iron: 1"

Boring Capacity
Steel: 3-5/32"
Cast Iron: 5 7/8"
Column Diameter: 11"
Maximum Distance
Spindle to Column: 40 3/4"
Minimum Distance
Spindle to Column: 10 5/8"
Maximum Distance
Spindle to
Work Table: 32"
Minimum Distance
Spindle to
Work Table: 9 3/8"
Vertical Traverse
of Arm: 45 1/4"
Size of
Work Table: 17 3/4" W
26" L
15 3/4" H
Spindle Taper: MT #4
Quill: 3.600"
Maximum
Ram Travel: 11 3/4"
Number of
Spindle Speeds: 12
Range of Spindle
Speeds (RPM): 38, 55, 80,
116, 159,
231, 325,
372, 686,
975, 1360,
1985
Number of Feeds: 6
Feed per Revolution (in./rev.): .08"-1"
Spindle Motor: 3 HP
3 Phase
220/440V
(Prewired
220V)
1720 RPM
Locking Motor: 1 HP
3 Phase
220/440V
(Prewired
220V)
1720 RPM
Arm Elevation
Motor: 1 HP
3 Phase
220/440V
(Prewired
220V)
1720 RPM
Coolant Pump
Motor: 1/8 HP
220/440V
(Prewired
220V)
2850/3400
RPM
Overall Height: 7' 1 7/8"
Net Weight
lbs. (approx.): 3730
Ship Weight
lbs. (approx.): 5060



The JET Drilling and Milling machines combine maximum versatility with extra rigid construction in unique multi-purpose machines which can be used for milling, drilling, routing, boring, cutting keyways, spot facing and many other routine shop operations. They feature heavy construction for smooth, chatter-free operation, top quality bearings and precision finishing for long wear and accurate performance. Their reasonable cost makes them excellent for small budgets, yet their modern and complete features make them quite suitable for large shops and plants. Two models are available. The smaller JET-15 is perfect for home use. The larger JET-16 is great for machine shops and maintenance shops.

Rigid Construction

Rigid construction guarantees less vibration, precise operation and long wear. Columns are heavy cast pieces with extra thick walls. Bases are extra heavy for sturdy support. Heads are single massive castings. Spindles are extra large and equipped with four heavy-duty taper and roller bearings.

Easy Operation

For easy operation and precise results, downfeed has both rapid and fine feed controls and easy to read front mounted depth gauge. Table control wheels have large micrometer dials graduated in .001". Heads swivel 360° and are easily raised and lowered with a crank operated mechanism. Table is designed with broad dovetails and heavy-duty tapered gib(s) to take up wear. In addition, the spindles can be locked in any position, and speed changes can be accomplished quickly and easily. Single screw adjustment is a feature on both machines. On the JET-16, work beds can be locked in position and adjustable table travel stops are included.

Standard Accessories

Each unit comes equipped with enclosed pushbutton switch; adjustable, carbide-tipped face mill; angle drill press vise, and drill chuck with key and arbor. The JET-15 comes with a ½ HP, single phase motor. The JET-16 is available with either a 2 HP, 3 phase motor or a 1 HP, 115/230V, single phase motor.

JET-15 (8 SPEEDS)

Drilling Capacity: 1"
 Face Mill Capacity: 2½"
 End Mill Capacity: ½"
 Swing: 12¾"
 Maximum Distance Spindle Nose To Table: 14¼"
 Quill Taper: MT #3
 Spindle Travel: 3-15/16"
 Diameter of Spindle Sleeve: 2-7/16"
 Head Swivel: 360°
 Diameter of Column: 3⅝"
 Spindle Speeds (RPM): Eight
 160, 260, 360, 410, 610, 670, 1600, 1800
 Maximum Table Travel (with one hand wheel removed): 13"

Cross Slide Travel: 4⅝"

Working Area of Table: 7½"x 17⅞"
 Machine Height: 37"
 Motor: ½ HP Sgl. Ph. 115/230V (Prewired 115V)
 Net Weight lbs. (approx.): 330
 Ship Weight lbs. (approx.): 565

JET-16 (12 SPEEDS)

Drilling Capacity: 1¼"
 Face Mill Capacity: 3"
 End Mill Capacity: ¾"
 Swing: 16⅜"
 Maximum Distance Spindle Nose To Table: 19"
 Quill Taper: MT #3 or R-8
 Spindle Travel: 5"
 Diameter of Spindle Sleeve: 3"
 Head Swivel: 360°
 Diameter of Column: 4"
 Spindle Speeds (RPM): Twelve
 90, 150, 215, 280, 380, 490, 570, 650, 920, 1040, 1450, 2080
 Maximum Table Travel (with one hand wheel removed): 20"
 Cross Slide Travel: 6⅞"
 Working Area Of Table: 9⅜"x 23½"
 Machine Height: 45"
 Motor: 2 HP 3 Ph. 220/440V (Prewired 220V) or 1 HP Sgl. Ph. 115/230V (Prewired 115V)
 Net Weight lbs. (approx.): 650
 Ship Weight lbs. (approx.): 900



JET-15



JET-16



JVM-830

The JET JVM-830 Vertical Turret Milling Machine offers the kind of economy and versatility needed by a small production shop or large plant. Use it for milling, boring, engraving, surface grinding, drilling or inclined work.

Heavy cast construction throughout, the table surface is highly finished with hardened and ground ways. Tapered gib screw adjustment adds convenience and ease of operation.

The turret head can be tilted a full 90° left or right and swivels 120° left or right. The R-8 taper offers extra versatility and each unit is built to last. Rugged construction, precision design for a high level of accuracy and ease of operation combine to make this a machine tool that really produces for you. The JET JVM-830 also features a top-to-bottom method of lubrication for easy maintenance.

Even the heavy-duty weight works to your advantage offering you a stable, rigid machine that can handle the toughest jobs with less vibration, greater accuracy.

SPECIFICATIONS:

Spindle Taper:	R-8
Spindle Stroke:	3¼"
Max. Distance Spindle to Table:	13⅝"
Working Surface of Table:	8"x30"
Max. Longitudinal Traverse of Table:	18½"
Max. Transversal Traverse of Table:	8"
Number of Spindle Speeds:	9
Range of Spindle Speeds (RPM):	215-3440
Motor:	1½ HP Sgl. Phase 110/220V (Prewired 110 Volt)
Dimensions:	46" F-B 45" L-R 64" H
Net Weight lbs. (approx.):	1144
Ship Weight lbs. (approx.):	1344



JET JVM-942 Vertical Milling Machine



JVM-942

From one-shot lubricating system to the precision design for a high level of accuracy in your work, the JET JVM-942 is the quality machine tool for the cost-conscious shop looking for solid value.

The JET JVM-942 Turret Head Vertical Milling Machine has all the features of a top-of-the-line machine which includes an R-8 spindle that accepts conventional R-8 tooling. Its 8 spindle speeds range from 80 to 2720 RPM with simple adjustment of the V-belts for real versatility. The 9" x 42" table features 3 T-slots with 2½" centers. Turret head tilts 90° left or right as well as 45° forward

or back for compound and complex milling operations. The turret head also swivels 360° and the milling head is equipped with a 90° location dowel. The ram of the milling head gives you your choice of 3-stage power feed, gradual handwheel or rapid lever action.

The 3 phase, 2 HP motor is prewired at 220V for 220/440V operation. The JVM-942 is easily adapted for optional power feed. And 1962 lbs. of rigid construction offer less vibration, longer wear in exacting, precise operation. Accepts standard power feed attachment.

SPECIFICATIONS:

Spindle Taper:	R-8
Number of Spindle Speeds:	8
Range of Spindle Speeds (RPM):	80-2720
Quill Feeds Per Rev. of Spindle:	0.0015"- 0.003"- 0.006"
Spindle Travel:	5"
Max. Distance Spindle to Table:	19"
Max. Distance Spindle to Column:	19"
Min. Distance Spindle to Column:	6¾"
Collet Capacity:	⅛"-¾"x 1/16"
Size of Table:	9"x42"
No. of T-Slots in Table:	3
Width & Centers of T-Slots:	⅝" at 2½"
Ram Movement:	12"
Longitudinal Traverse:	30"
Cross Traverse:	12"
Vertical Traverse:	16"
Floor Space:	64"x82"
Motor:	2 HP, 3 Ph. 220/440V (Prewired 220V)
Net Weight lbs. (approx.):	1962
Ship Weight lbs. (approx.):	2601



HORIZONTAL MODE

By simply loosening a few bolts and removing a couple of pins, the JET HVM-1PFB mill can be quickly and easily converted from horizontal to vertical operation. No heavy attachments to lift. No lost time. The HVM-1PFB overarm swivels easily on a graduated 360° turret and lets you perform a wide variety of production operations with a single accurate and reasonably priced machine.

Total Versatility

Each of the spindles is driven by an independent 1 HP motor (with a 2-speed motor on the vertical spindle) to provide you with 8 vertical spindle speeds from 250-3,150 RPM, and 6 horizontal speeds from 80-900 RPM. In addition, the vertical head tilts left and right to 45°. The table is equipped with 6 speeds and rapid traverse.

Quality Construction

Main spindle gears are made of chrome-molybdenum alloy, hardened, tempered and precision finished. The spindle is supported by three high-speed, precision tapered bearings. Adjustment screws are provided for take-up of



VERTICAL MODE

wear. Lock down nuts are provided for all machine movements. And, all hand wheels are equipped with easy-to-read micrometer collars. Backlash eliminator. Narrow guide gibbing.

Safety and Long Wear

For maximum safety to operator and machine, all electrical controls are equipped with magnetic switches. For long wear and continued accuracy, moving parts are oiled by a forced lubrication system.

Standard Accessories

Standard accessories include coolant system, cutter arbor, arbor sleeve, adjusting tool and tool box.

SPECIFICATIONS:

Working Surface of Table:	9" x 35-7/16"
Longitudinal Travel:	20 1/2"
Transversal Travel:	9"
Vertical Travel:	17 3/4"
Number of Longitudinal Feeds:	6

Range of Longitudinal Feeds (in. per min.):	0.80-9.40
Rapid Longitudinal Traverse (in. per min.):	80.

Vertical Main Spindle

Number of Spindle Speeds:	8
Range of Spindle Speeds (RPM):	250-3150
Vertical Travel:	3 1/8"
Taper of Spindle Bore:	NST #30
Head Will Swivel (R & L):	45°
Over Arm Will Swivel:	360°
Traverse of Over Arm:	17 3/4"
Spindle Nose to Table Surface:	4 3/4" - 19 5/8"
Spindle Center to Column Surface:	3-5/16" - 20 1/2"

Horizontal Spindle

Number of Spindle Speeds:	6
Range of Spindle Speeds (RPM):	80-900
Taper of Spindle Bore:	NST #30
Spindle Center to Table Surface:	15"
Spindle Center to Over Arm Bottom:	4"

Drive Motor

Horizontal Main Spindle:	2 HP 3 phase 220/440V (Prewired 220V)
Vertical Main Spindle:	2 HP 3 phase 220/440V (Prewired 220V)

Longitudinal and Transversal Feed:	1/2 HP
Coolant:	1/8 HP
Dimensions:	59 1/2" x 51" x 72"
Net Weight lbs. (approx.):	2750
Ship Weight lbs. (approx.):	3190



JET No. 2 Knee Type Milling Machine



HMM-2



VMM-2

These top quality machines feature a spindle supported by precision, oversized bearings for heavy cutting and maximum accuracy. Spindle is kept from overheating by a specially designed air flow cooling system. All spindle speed controls are located on the right side of the machine for easy operation, and an infinitely variable speed mechanism allows the operator to use any feeding

speed. Knee and saddle are ruggedly constructed with centrally located control clusters. Machines are also equipped with a backlash eliminator to reduce vibration and increase cutting tool life and an automatic lubrication system to keep all moving parts well lubricated. Rapid feed. Accessory vertical head is available for HMM-2 Horizontal Mill.

SPECIFICATIONS:

Table Working Surface:	47 1/4" x 11"
Cross Traverse:	11"
Longitudinal Traverse:	26 3/8"
Vertical Traverse	
HMM-2:	19-11/16"
VMM-2:	18 1/8"
T-Slot (width x slot x pitch):	5/8" x 1/8" x 2 3/8"
Number of Feeds:	Infinitely Variable
Longitudinal & Cross Speed:	3/4-48 ins./min.
Vertical Speed:	1/4-11 7/8 ins./min.
Spindle Nose:	NS #50
Number of Speeds:	12
Speed Range (RPM):	60-1800
Spindle Motor:	5 HP 220/440V (Prewired 220V)
Feed Motor:	1 HP 220/440V (Prewired 220V)
Coolant Pump Motor:	1/10 HP
Floor Space Required	
HMM-2:	7 1/2' x 7'
VMM-2:	7 1/2' x 5 1/4'
Net Weight lbs. (approx.):	4312
Ship Weight lbs. (approx.):	4840



Now, JET offers a selection of precision surface grinders for your most exacting finishing jobs.

All the performance features you look for in a quality tool are here. Three models offer you grinding capabilities from 6"x12" to 7"x18". You also get rack and pinion drive tables, a "one-shot" lubrication system and the rigidity and stability you need for vibration-free operation and precise, accurate work.

JSG-612

An exceptionally heavy, ruggedly built, hand-fed surface grinder designed for close tolerance flat, slot and side wheel grinding. Accepts work pieces up to 6" x 12". Each unit features upright spindle slides, two T-slots, 90° "V" channel and 14" longitudinal traverse. Standard accessories include: Diamond wheel truing fixture, wheel sleeve, 7" grinding wheel, wrench, tool box and set of hand tools.

JSG-618

All the features of the JSG-612 plus a maximum work piece size of 6" x 18" and a working height of 12½". Handwheel rim is graduated to read to .0002" and one revolution of the handwheel moves the grinding wheel a precise 1". Massive construction of the head, table saddle and base provide the stability necessary to fine finishing work. Standard accessories include: Diamond wheel truing fixture, wheel sleeve, 7" grinding wheel, wrench, tool box and set of hand tools.

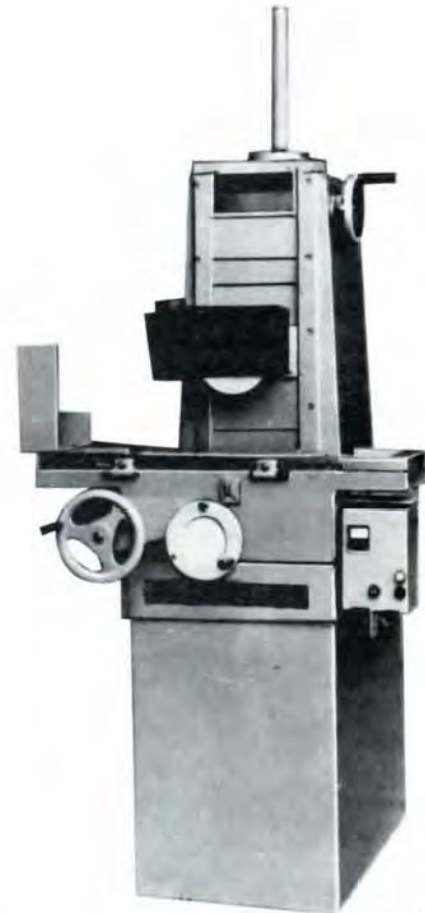
JSG-718

This economical, conveniently-operated, hand-fed surface grinder provides all the accuracy of more expensive machines. Extra long ways and "one-shot" lubrication systems help maintain that extra measure of accuracy for many years of productive service. Grinding wheel is 8" in diameter, ¾" thick and has a 1¼" center hole. Designed for close tolerance flat, slot and side wheel grinding. Standard accessories include: Diamond wheel truing fixture, wheel sleeve, 8" grinding wheel, wrench, tool box and set of hand tools.

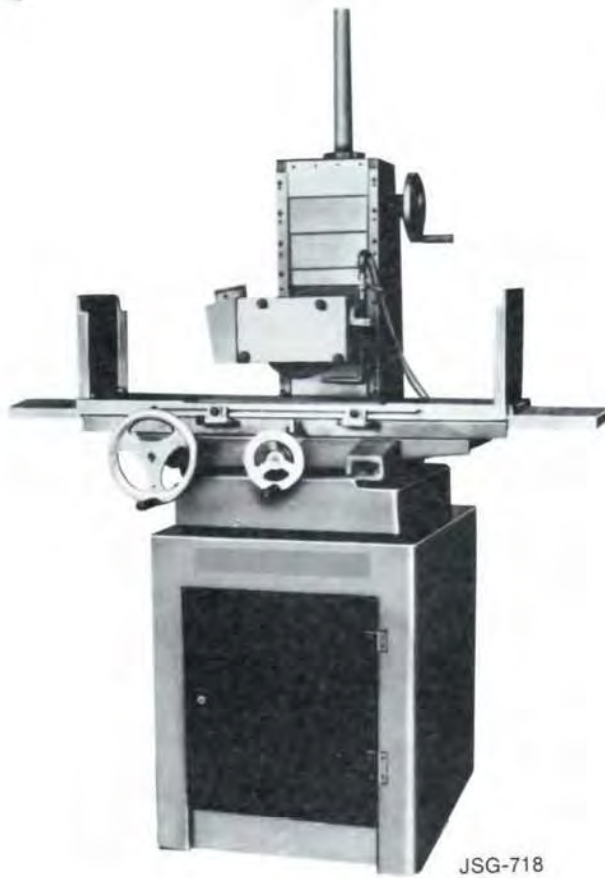
	JSG-612	JSG-618	JSG-718
Grinding Capacity w/8" wheel w/7" wheel	6" W, 12" L 12" H 12½" H	6" W, 18" L 12" H 12½" H	7" W, 18" L 12" H 12½" H
Wheel Spindle Motor	1½ HP, 3 Ph. 220/440V 3450 RPM	1½ HP, 3 Ph. 220/440V 3450 RPM	1½ HP, 3 Ph. 220/440V 3450 RPM
Grinding Wheel Dia. Thickness Center Hole	7" ½" 1¼"	7" ½" 1¼"	8" ¾" 1¼"
Spindle Table Working Surface	12" L-R 6" F-B 12½" H	18" L-R 6" F-B 12½" H	18" L-R 7" F-B 12" H
Spindle Diameter:	1-3/16"	1-3/16"	1-3/16"
Front Rollers Mounted In	Flat Channel	Flat Channel	Flat Channel
Rear Rollers Mounted In	90° V-Channel	90° V-Channel	90° V-Channel
Maximum Longitudinal Travel	14"	20"	20"
Handwheel Traverse (per rev.)	14" Table Travel	20" Table Travel	20" Table Travel
Optional Lever Traverse (180°)	11" Table Travel	17" Table Travel	17" Table Travel
Max. Work Height Min. Work Height	16" 3¼"	16" 3¼"	16" 3¼"
Handwheel Graduation	.0001" Vert.	.0001" Vert.	.0001" Vert.
Lubrication System	"One-Shot"	"One-Shot"	"One-Shot"
T-Slots	2 (9/16")	2 (9/16")	1 (7/16")
Dimensions	56" F-B 45" L-R 78" H	56" F-B 45" L-R 78" H	68" F-B 43" L-R 63" H
Net Wt./lbs. (approx.)	1425	1540	1100
Ship Wt./lbs. (approx.)	1800	1870	1250



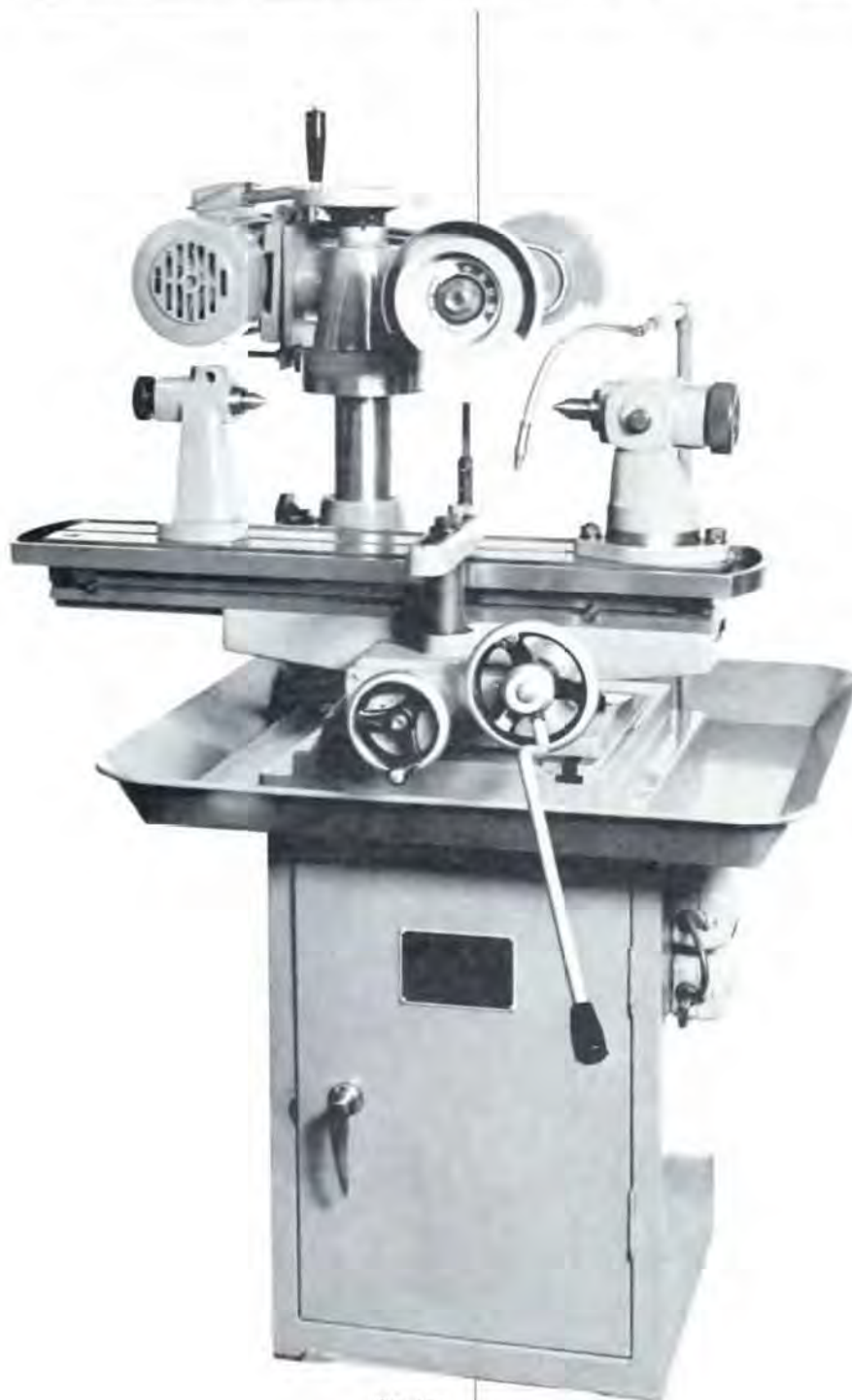
JSG-618



JSG-612



JSG-718



JCG-450

This new addition to JET's line-up of precision machine tools can sharpen wheel cutters, end mills, shell mills and more with precision and accuracy. It can also be used for surface grinding.

Begin with angular contact spindle ball bearings. Add a double-end wheelhead, dog rail and stop dogs, lever and handwheel feed, full storage cabinet in the base and a powerful ball-bearing motor. The wheelhead swivels 360° and the table swivels 15°. Headstock swivels 360° and tilts 30° above and below. It's a versatile machine that lets you get to difficult angles, maneuver large pieces, professionally produce a high quality of work.

Standard Accessories

Each unit is fully equipped with the following: Coolant system, 2 cup wheels, tool bit grinding attachment, face-mill holder, 1" diameter cutter arbor, tooth rest, disc wheel arbor, MT #3 center and a set of adjusting tools.

SPECIFICATIONS:

Distance Between Centers:	17½"
Swing:	11"
Longitudinal Travel of Table:	17¾"
Working Surface of Table:	4½"x28"
Table Swivel:	15°
Cross Travel of Saddle:	6"
Vertical Adjustment of Wheelhead:	6"
Wheelhead Swivel:	360°
Headstock Swivel:	360°
Headstock Tilt:	30° Above & Below
Spindle Taper:	MT #3
Max. Wheel Diameter:	6" Dia. x 5/8" Bore
Grinding Wheel Speed (RPM):	3600
Wheelhead Motor:	½ HP 3 Phase 220/440V (Prewired 220V)
Coolant Motor:	1/8 HP
Net Weight lbs. (approx.):	397
Ship Weight lbs. (approx.):	507



Horizontal/Vertical



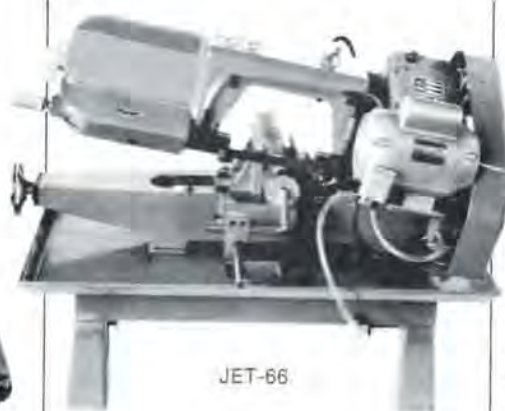
HVBS-461
HORIZONTAL MODE

JET Horizontal/Vertical Bandsaw

JET's HVBS-461 will be one of the handiest tools in your shop. Use it horizontally as a cut-off saw for metal, plastic or wood. Or, use it vertically. With the saw's easily installed 6½"x10" vertical table in position, you can now cut shapes or contours as well as routine notching and slitting.

The easily adjusted ball-bearing equipped blade guides move quickly into place to aid in operator safety and provide rigid support for cleaner cuts and longer blade wear. The heat treated steel worm gear and bronze wheel gear of the drive assembly run in a constant oil bath assuring long wear to the drive train. Saw features three cutting speeds as well as an easy to adjust 45° angle vise and automatic shut-off.

Of course, belts and blades are protected in compliance with OSHA regulations. Saw comes with NEMA 56 frame, belts and pulleys and ½ HP, single phase motor.



JET-66



HVBS-461
VERTICAL MODE

SPECIFICATIONS:

Horizontal Capacity	
(Round):	4½"
(Square):	4¼"x6"
Throat Depth:	5"
Work Table Size:	6½"x10"
Pulley Bore:	5⅝"
Vise Tilts:	45°
Blade Size:	1½"x.025"
	64¼"
Blade Wheel	
Diameter:	7½"
Speeds (SFPM):	65, 120, 220
Recommended Motor:	
	1/3-1/2 HP
	1725 RPM
Motor Frame:	
	NEMA 56
Height, Vertical:	54"
Height, Horizontal:	37"
Length:	42½"
Width:	21¼"
Net Weight	
lbs. (approx.):	143
Ship Weight	
lbs. (approx.):	147

6x6 Horizontal

JET-66 Horizontal Bandsaw

JET introduces the heavy-duty 6"x6" horizontal band-saw that puts real versatility into your metal bandsawing operations. All cast construction.

Features

Ball bearing blade guides are mounted to rigid guide posts to stabilize the saw blade in operation. The hydraulic support cylinder promotes smooth and even feed of the saw frame. A locking valve stops the frame in any desired position.

Convenient, easy to reach push-button controls add to operator efficiency and safety.

Standard Accessories

Each JET-66 Horizontal Bandsaw unit comes equipped with a 1 HP motor, complete coolant system with self-priming pump, saw blade, chip tray and cast iron saw frame.

SPECIFICATIONS:

Maximum Capacity	
(Round):	6"
(Square):	6"x4-¾"
Saw Blade Width:	1"
Length:	79¼"
Blade Wheel	
Diameter:	10-5/8"
Number of	
Cutting Speeds:	3
Range of Cutting	
Speeds (SFPM):	66, 98, 132
Overall	
Dimensions:	47" L to R
	22" F to B
	26" H
Motor	
Model HBS-66-1:	1 HP
	Sgl. Ph.
	115/230V
	(Prewired
	115V)
Model HBS-66-3:	1 HP
	3 Phase
	220/440V
	(Prewired
	220V)
Net Weight	
lbs. (approx.):	374
Ship Weight	
lbs. (approx.):	440



HBS-10M

For High Volume Production

Quality and economy combine in the JET HBS-10M Horizontal Bandsaw to offer precision cutting to meet the needs of small industry with heavy-duty requirements. The extra heavy cast base provides stability and rigidity.

Pushbutton Control

The manually operated bandsaw features pushbutton start/stop with automatic shut-off at the end of each cut. Other features include graduated feed control, large diameter feed cylinder pre-set band tension hand wheel, large full-contact carbide guides and separate pull-out chip drawer.

Standard Accessories

With each HBS-10M bandsaw you get heavy-duty carbide guides, high volume coolant pump and tank, 2 HP, 3-phase 220V/440V motor (prewired 220V), rugged 45° swivel vise, adjustable length stop, blade brush and set of hand tools. Roller table also included.

Carbide Guides and Vise Jaws



Adjustable Idler Pulley



SPECIFICATIONS:

Capacity - Round:	10"
Capacity - Square:	10"
Capacity - Flat:	6½"x15"
Capacity - 45°:	8" Round
Cutting Speeds:	75, 130, 180, 220 SFPM
Blade Length:	150"
Blade Width:	1"
Wheel Diameter:	17"
Work Height:	27¼"
Floor Space:	47"x78"
Height (frame up):	78"
Motor:	2 HP 3 Phase 220/440V (Prewired 220V)
Net Weight	
lbs. (approx.):	1201
Ship Weight	
lbs. (approx.):	1323



JET HBS-12A Horizontal Bandsaw-Automatic



HBS-12A

Fully Automatic: Pre-set the desired number of cuts you want, adjust for the length of cut and the HBS-12A automatically switches off when the job is done.

Easily Operated Height Selector, Feed Rate, Stock Advance, Head Control and Stop/Start Controls



Carbide Guides and Automatic Feed Rollers

Roller Table for Stock



Six Speeds

The versatile JET HBS-12A Horizontal Bandsaw offers the range of cutting speeds most frequently wanted for multi-purpose production — ranging from 45 SFPM to 240 SFPM. The 3 HP, 3-phase motor provides the controlled power to work at any speed within that wide range.

2200 Lbs. of Stability

The extra heavy frame and base provide real stability and rigidity while the bandsaw is in operation. Safety designed guards offer extra security. Other features include large, cast-iron wheels, large diameter feed cylinder, pre-set tension hand wheel, full-contact carbide guides, pull-out chip drawer, graduated feed control and high volume coolant tank and pump.

Standard Accessories

With every JET HBS-12A you get a NEMA 4-control panel with disconnect, electric parts counter, panel-mounted height selector, blade brush and set of hand tools.

Roller table also included.

SPECIFICATIONS:

Capacity - Round:	12"
Capacity - Square:	12"
Capacity - Flat:	7"x13"
Cutting Speeds:	45, 75, 90, 120, 150, 240 SFPM
Blade Length:	150"
Blade Width:	1"
Wheel Diameter:	18"
Work Height:	31"
Floor Space:	64"x85"
Height (frame up):	75"
Motor:	3 HP 3 Phase 220/440V (Prewired 220V)
Net Weight lbs. (approx.):	2200
Ship Weight lbs. (approx.):	2425



JET VBS-250

JET VBS-350

JET VBS-450

JET VBS-400

Choose from five models for accurate, fast cutting and easy operation.

Let JET show you how to increase your productivity at lowered costs and greater convenience. Whether you need a saw for maintenance areas, metal shops, building and construction, trade schools or production lines, JET has the vertical bandsaw to meet your purpose.

Cut steel, aluminum, alloys, cast iron or brass. You can even cut plastic or Plexiglas. The secret is in the wide range of speeds that give the operator full control, the saw blade you choose for each project and the tension knob that assures a perfect cut every time.

Each saw equipped with chip blower and six saw

blades of different configurations, saw blade brush and ribbed tables. Models VBS-350, 400 and 900 are also equipped with a welder light.

JET VBS-250

The ideal economy saw for the small shop, the JET VBS-250 offers 4 fixed speeds ranging from 80 feet per minute to a fast 325 feet per minute. The body of this small precision table bandsaw is made of cast iron and handsomely finished. Easy and steady operation is assured with the worm gear reducer. Each unit includes a blade cutter, blade welder and blade grinder as well as a CNS approved motor, work lamp, 6 saw blades and set of tools.

JET VBS-350

Suitable for general shop or production work, the JET VBS-350 offers high efficiency and variable speeds ranging

from 65 to 325 feet per minute. The non-stop speed changing systems allows you to accelerate or decrease cutting speeds without stopping the cutting action. The table is a spacious 19-5/8" x 21-5/8" with deep throat to accommodate large objects. A blade cutter, blade grinder and blade welder are included as well as a CNS approved motor, welder light, work lamp, 6 saw blades, and tools.

JET VBS-400

Designed for heavy-duty production use, the JET VBS-400 features a cast iron body with steel plate, smoothly finished. With the double reduction system and 4-speed transmission, you can obtain smooth cutting speeds ranging from 50 to 1375 feet per minute. The large table area gives lots of working space measuring 22" x 23-5/8" and the deep



JET VBS-900

throat is a highly desirable feature for multi-line shops. The blade welder, blade cutter and blade grinding units are included along with the tools, welder light, work

lamp, 6 saw blades, and CNS approved motor.

JET VBS-450

Function and design combine in the JET VBS-450 to provide

small shop versatility utilizing a deep throat for a maximum cutting width of 17-3/4". Durable and practical in structure, the "450" is made of cast iron, smoothly finished. Features include a high efficiency welder, non-stop speed changing system ranging from 65 to 295 feet per minute. Single phase wiring makes the saw unit adaptable to normal household current. Also included are a blade cutter and blade grinder as well as CNS approved motor, work lamp 6 saw blades and set of tools.

JET VBS-900

The preferred heavy-duty bandsaw for volume production, the JET VBS-900 can handle large production pieces on its extra-large twin table work surface. The structural design of this heavy-duty model incorporates a solid, weighted base, wide work space and deep throat for top performance. An extra feature is the 3-wheel system for cutting wide pieces, which can be readily switched to 2-wheel sawing for smaller pieces. The 4-speed transmission smoothly moves cutting speeds from 65 to 1315 feet per minute. The CNS approved motor is 2 HP, 3-phase, 230/460V prewired at 230 volts. The blade welding unit, grinding unit, welder light, work lamp, 6 saw blades, and tools are also included.

Model	Motor	Speeds (FPM)	Max. Cap'y. Thickness	Max. Cap'y. Width	Table Size	Blade Length	Inclination	Welder	Height from Floor to Table	Overall Height	Min. & Max. Blade Widths	Net Wt. (lbs.)	Ship Wt. (lbs.)
VBS-250	1/3 HP, 115/230V Single Phase (Prewired 115V)	80-325	4 3/4"	9 5/8"	14 3/8" x 15 3/4"	70" - 72"	10° Left 20° Right	1.2 KVA	17 1/2"	37"	1/8" - 1/2"	231	336
VBS-350	1 HP, 115/230V Single Phase (Prewired 115V)	65-325	6 7/8"	13 3/4"	19 3/8" x 21 5/8"	106" - 109"	10° F&B 15° L&R	2.0 KVA	35 1/2"	48"	1/8" - 1/2"	649	847
VBS-400	2 HP, 230/460V 3 Phase (Prewired 230V)	50-1375	8 5/8"	15 3/4"	22" x 23 3/8"	119" - 124"	10° F&B 15° L&R	2.4 KVA	39 1/4"	71 1/2"	1/8" - 1/2"	1100	1304
VBS-450	1/3 HP, 115/230V Single Phase (Prewired 115V)	65-295	4 3/4"	17 3/4"	15 3/4" x 17 3/4"	85" - 91"	5° Left 25° Right	1.2 KVA	29"	44"	1/8" - 1/2"	485	617
VBS-900	2 HP, 230/460V 3 Phase (Prewired 230V)	65-1315	7 7/8"	35 1/2"	19 5/8" x 21 5/8" Each (2)	143" - 146" (3-wheel) 90" - 92" (2-wheel)	Back Table Fixed Front Table 10° F&B 15° L&R	2.0 KVA	37 1/2"	64"	1/8" - 1/2"	1210	1480



JET-170

backstroke or forestroke, depending on material being cut, to minimize blade wear; automatic shut-off, 45° swivel vise and heavy all cast construction. Use to cut pipe, angle iron, tubing or bar stock. Factory wired with safety switch.

SPECIFICATIONS:

Cutting Capacity: 6"x6"
Saw Blade: 14"
Strokes per Minute: 76
Dimensions: 13-3/8" W
35-7/16" L
25-3/16" H

Recommended Motor: 1/2 HP
1725 RPM
Motor Frame: NEMA 48
Net Weight lbs. (approx.): 286
Ship Weight lbs. (approx.): 314

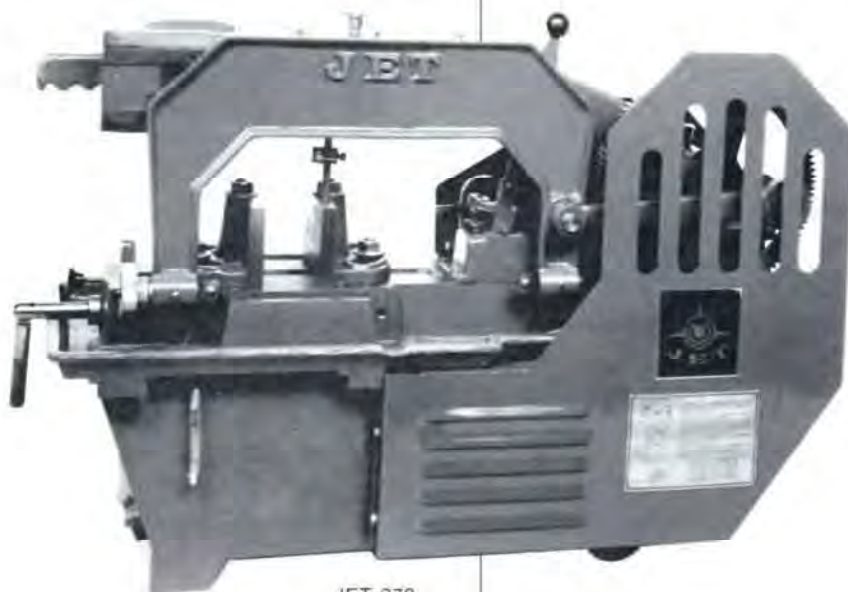
JET-370 Power Hacksaw

For faster, more efficient cutting. The JET-370 features built-in coolant system with visual coolant level gauge, four speed drive and 6 7/8" capacity. Hydraulic lift is adjustable to lift blade on forestroke or backstroke. This heavy-duty machine also includes a special gearing system to reduce vibration, 45° angle vise, steel pulley covers and two wheels for easy movement. Factory wired with safety switch.

SPECIFICATIONS:

Cutting Capacity: 6 7/8"x6 7/8"
Saw Blade: 14"
Stroke per minute: 77
Stroke: 7 3/8",
6 5/8",
5 1/2",
5 1/8"
Dimensions: 35 3/8" L
12 1/2" W
25 5/8" H

Coolant Capacity (gallons): 1 1/2
Recommended Motor: 1/2 HP
1725 RPM
Motor Frame: NEMA 48
Net Weight lbs. (approx.): 330
Ship Weight lbs. (approx.): 350



JET-370

JET-170 Power Hacksaw

Dry cut. Features adjustable hydraulic lift to lift blade on



JET-2500

JET-2000 Heavy Duty Power Hacksaw

You'll like the accuracy and efficiency of this compact power hacksaw for a wide variety of metal cutting. Don't let its size fool you. Its 540 lbs. of stable weight give you the rigidity you need for precision sawing. And the box type solid construction of the saw frame guide and bed add to the accuracy.

The saw frame of the JET-2000 Power Hacksaw can be moved up or down and stopped in any position. When cutting is completed, the saw frame moves up automatically and stops the machine.

Saw pressure is adjustable and speed changes easily made. All revolving parts use ball bearings. Additionally,

the vise adjusts so that the full length of the saw blade can be used for cutting; swivels up to 45° for bias cutting. Coolant and lubrication system is self-contained inside the bed with the motor and tank.

Standard Accessories

Spanner wrench, saw blade, bundle cutting equipment, sizing equipment.

SPECIFICATIONS:

Cutting Capacity	
(Round):	7¾"
(Square):	7"x7"
Angle Cuts:	3¼" at 45°
Saw Blade Length:	14"
Saw Blade Width:	1"
Saw Strokes Per Minute:	90, 115
Saw Stroke:	3½" to 6"

Motor:	1 HP, 3 Ph. 220/440V (Prewired 220V) 1725 RPM
Dimensions:	41" L 17" W 31½" H
Net Weight lbs. (approx.):	540
Ship Weight lbs. (approx.):	700

JET-2500 Heavy Duty Power Hacksaw

Provides easy operation, top cutting accuracy and minimum burr. One piece overarm support guarantees accurate cutting. All controls can be handled from one side of the machine for easy operation. Overarm can be raised, lowered or stopped at any point during operation with one control lever. At end of cutting cycle, overarm raises and machine shuts off automatically. Downstroke pressure is adjustable for cutting a variety of different materials.

Standard Accessories

Specify either 220V or 440V when ordering. Magnetic starter, 45° angle vise, graduated stop bar, saw blade, and bundle cutting attachment.

SPECIFICATIONS:

Cutting Capacity	
(Round):	10"
(Square):	9"x9"
Angle Cuts:	to 45°
Saw Blade Length:	18"
Saw Blade Width:	1"
Saw Strokes Per Minute:	90, 130
Saw Stroke:	4"-6"
Motor:	2 HP 3 Phase 220/440V (Prewired 220V) 1140 RPM
Dimensions:	50" L 17" W 35" H
Net Weight lbs. (approx.):	890
Ship Weight lbs. (approx.):	988



COM-12



COM-14



COM-16



COM-20

JET Cut-Off Machines

JET ball bearing equipped Cut-Off Machines add speed and efficiency to any job in the shop or out in the field. Cuts quickly and smoothly through pipe, angle or bar stock and saves hours of time over other cutting methods. All machines meet OSHA standards and feature safe steel wheel and spark guards that completely cover spindle nut and flange. Comes with 4 wheels for easy moving or can be permanently mounted on bench or table. 45° angle vise permits easy angle cuts. Standard 1" arbor accepts all standard cut-off wheels. Factory wired with switch to accept standard NEMA frame motors. Motor and wheels not included.

JET Cut-Off Wheels

Resinoid bonded A30R cut-off wheels are reinforced with two outside layers of fiberglass for maximum safety. Use wet or dry for general cutting. Standard 1" arbor hole with metal inserts to prevent hole size from distorting in use. Meets ANSI and OSHA specifications.

Model	Size
COW-12	12"x1/8"x1"
COW-14	14"x1/8"x1"
COW-16	16"x1/8"x1"
COW-18	18"x1/8"x1"
COW-20	20"x1/8"x1"



Model	Wheel Dia.	Wheel RPM	Pipe & Angle Cap'y	Bar Cap'y	Max. Cap'y	Vise Size Open	Vise Height	Bed Size	Overall Height	Recommended Motor	Ship Wt. (lbs.)
COM-12	12"	2800	2 3/4"	2"	4"	5 1/8"	2 3/8"	10 1/4"x21 1/4"	26"	2 HP, 1725 RPM	97
COM-14	14"	2800	3 1/2"	2 3/4"	4 3/4"	6"	2 3/4"	12 1/2"x21 1/4"	29 1/2"	3 HP, 1725 RPM	127
COM-16	16"	2800	4 3/4"	3 1/8"	6"	8"	3 1/8"	14 1/2"x23 5/8"	31 1/2"	5 HP, 1725 RPM	250
COM-18	18"	2800	5"	4"	6"	8"	4"	14 1/2"x23 5/8"	33 1/2"	7 1/2 HP, 1725 RPM	275
COM-20	20"	2800	6"	4"	6 1/2"	8"	4"	16 3/4"x27 1/2"	51 1/8"	10 HP, 1725 RPM	283



JET High Speed Swing Saw



HSS-10

HSS-10

Imagine cutting a 4"x2" piece of steel in 2 seconds! That's the kind of extremely fast cutting possible with JET's HSS-10 Manual High Speed Metal Saw. You get virtually burr-free results for cutting off, mitre cutting, notching, incisions, slitting, ripping or trimming of angles. Use the HSS-10 for I-beams, channel, pipe, bar stock, shapes, plates or castings.

The tough, durable tungsten molybdenum saw blade can be inexpensively re-sharpened, making the overall main-

tenance costs quite low. It produces so little heat when cutting that no coolant is necessary and there is no distortion of light sections. Cuts are always straight and square and, in most cases, clamping is not necessary.

Typical cutting times for the HSS-10 are 2 seconds for 4"x2" steel; 1½ seconds for 2"x2"x¼" steel angle; 3 seconds for a 1½" steel bar. The HSS-10A cutting times are 2 seconds for 3½" brass bars; 3 seconds for 4" solid aluminum.

The HSS-10 is of all-steel construction, welded and braced for rigidity. No special footings are required. The clean bench top has an easily removed mitre fence and movable back guard for universal ripping. Safety features include heavy gauge guards which comply with International safety regulations. The blade is direct drive with special overload "cut-outs" to protect the motor.

HSS-10A

The HSS-10A Automatic High Speed Swing Saw has all the features of the manual model plus production features that add extra convenience as well as speed to your work. Air/oil foot-operated feed control unit with variable speed control forward for cutting and rapid return. Clamping is required for non-ferrous materials only. The twin rams have variable clamping pressures and adjust for mitre clamping. Rear guard and blade shoot swarf out the back for easy disposal. Available by special order only.

SPECIFICATIONS:

Cutting Capacity	
Steel, I Beam:	6"x3"
Steel, Solid Bar:	1½"
Steel, Plate:	½"
Steel, Pipe:	5"
Aluminum Bar (HSS-10A Only):	5"
Brass Bar (HSS-10A Only):	5"
Blade Diameter:	20"
Blade Thickness:	⅛"
Blade Travel:	12"
Dimensions:	69" H 42" L 38" W
Motor:	10 HP 3 Phase 220/440V (Prewired 220V)
Drive:	Direct
Net Weight lbs. (approx.)	
HSS-10:	800
HSS-10A:	1000
Ship Weight lbs. (approx.)	
HSS-10:	1000
HSS-10A:	1200



HP-5



HP-15



HP-35



HP-60

JET Hydraulic Presses

The necessary tool for straightening, pushing or pressing. JET Hydraulic Presses feature extra large, strong and rigid frames, easy-to-use hand-operated pump and pressure gauge for direct pressure readings. Tables raise or lower easily with crank operated tables on 15, 35 and 60 ton models. The 15 ton model also features a center which rolls laterally along the screw rack. Additional features include open side frames for inserting long material and rams screw in place for fast set-up.

Standard Accessories

Two bed plates and pump handles. Auxiliary hand presses on the 35 and 60 ton models. The 60 ton model also features a 2-speed ram.

SPECIFICATIONS:

Model HP-5

Capacity: 5 tons
Ram Diameter: 1 3/4"

Piston Stroke: 5"
Screw Stroke: 3"
Work Table: 19-5/16"x
4 3/4"

Vertical Movement: 15 3/4"
Base Size: 19 3/4"x
28 3/8"

Height: 51 1/2"
Ship Weight
lbs. (approx.): 187

Model HP-15

Capacity: 15 tons
Ram Diameter: 3 1/8"
Piston Stroke: 5 3/8"
Screw Stroke: 4 1/4"
Work Table: 24 3/4"x
7 1/2"

Lateral Movement: 10-3/16"
Vertical Movement: 22-13/16"
Base Size: 33 7/8"x
29 1/2"
Height: 65"
Ship Weight
lbs. (approx.): 551

Model HP-35

Capacity: 35 tons
Ram Diameter: 5 1/2"
Piston Stroke: 5 1/2"
Screw Stroke: 6-11/16"
Work Table: 23 3/8"x
8 3/8"

Vertical Movement: 28 3/8"
Auxiliary Hand Pressure (lbs.): 880
Base Size: 37 1/2"x
35 1/2"
Height: 70 7/8"
Ship Weight
lbs. (approx.): 1340

Model HP-60

Capacity: 60 tons
Ram Diameter: 5"
Piston Stroke: 5 1/2"
Screw Stroke: 4"
Work Table: 44 1/2"x8"
Vertical Movement: 29 1/2"
Auxiliary Hand Pressure (lbs.): 1100
Base Size: 43 1/2"x
55 1/2"
Height: 78"
Ship Weight
lbs. (approx.): 1760



JET Arbor Presses

For all production and assembly applications. Excellent for use in auto shops and garages. Strong and durable JET Arbor Presses are designed to provide the utmost in reliable service. Semi-steel frames combined with precision cut steel rams and pinions for accurate operation. Tables and slotted table-plates are flat and parallel to provide accurate support.

SPECIFICATIONS:

Arbor Press No. 0

Diameter of Work: 6 $\frac{3}{4}$ "
Capacity Over Table: 4 $\frac{3}{4}$ "
Size and Length of Ram: $\frac{3}{4}$ " x $\frac{3}{4}$ " x 8 $\frac{1}{8}$ "

Leverage Ratio: 10:1
Tons Pressure (approx.): $\frac{1}{2}$
Maximum Arbor Capacity: 1 $\frac{1}{2}$ "
Press Height: 10 $\frac{1}{2}$ "
Base Size: 4 $\frac{3}{8}$ " x 9 $\frac{1}{2}$ "
Ship Weight lbs. (approx.): 23

Arbor Press No. 1

Diameter of Work: 7 $\frac{3}{8}$ "
Capacity Over Table: 5 $\frac{7}{8}$ "
Size and Length of Ram: 1" x 1" x 10 $\frac{1}{2}$ "
Leverage Ratio: 15:1
Tons Pressure (approx.): 1
Maximum Arbor Capacity: 1 $\frac{3}{4}$ "
Press Height: 12 $\frac{3}{4}$ "
Base Size: 5 $\frac{3}{8}$ " x 11"
Ship Weight lbs. (approx.): 34

Arbor Press No. 2

Diameter of Work: 11 $\frac{3}{4}$ "
Capacity Over Table: 8 $\frac{1}{2}$ "
Size and Length of Ram: 1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x 13 $\frac{1}{4}$ "
Leverage Ratio: 20:1
Tons Pressure (approx.): 2
Maximum Arbor Capacity: 2 $\frac{1}{2}$ "
Press Height: 16 $\frac{1}{2}$ "
Base Size: 6 $\frac{3}{4}$ " x 16"
Ship Weight lbs. (approx.): 81

Arbor Press No. 3

Diameter of Work: 16 $\frac{3}{8}$ "
Capacity Over Table: 12 $\frac{1}{2}$ "
Size and Length of Ram: 1 $\frac{3}{8}$ " x 1 $\frac{3}{8}$ " x 18 $\frac{1}{2}$ "
Leverage Ratio: 25:1
Tons Pressure (approx.): 3
Maximum Arbor Capacity: 3 $\frac{1}{4}$ "
Press Height: 22"
Base Size: 8 $\frac{1}{4}$ " x 18"
Ship Weight lbs. (approx.): 132



JET extra heavy-duty model (E) is unbreakable up to 20 tons.

ASTM A,216 WCTS electric steel for greater tensile and ductile strength is used in the body of the vise.

AISI 1030 steel annealed at 1475° F in the screw gives a tensile strength of 81,000 to 90,000 lbs. per square inch.

Jaws are made from AISI 1010 steel, case hardened to a Rockwell C-scale hardness of 50.

Extra Quality Means Extra Durability and Safety on the Job!

Each production run is tested for potential wear by opening and closing a sample over

200,000 times. All parts are quality controlled with a final Magnaflux inspection.

The moving jaw track is completely machined on top and sides for smooth operation.

And a self-lubrication device is incorporated to keep friction surfaces long-wearing.

Greater Capacities and Versatility!

Extra deep throat to handle large materials.

Wide, overhanging jaws and narrow slide hold long pieces vertically with ease.

360° swivel base is included with double swivel lock-downs for fixed use.

Screw thread is rolled — not cut — for extra strength.

Screw is completely protected by slide.

Return screw fastener prevents backlash and compensates for any wear.

Smooth anvil surface on the fixed jaw piece.

Hardened, serrated, replaceable steel jaws.

Self-lubricating felt inside fixed jaws.

JET Introduces the Finest Vise in America!

All tests prove it! Electrically fired steel assures absolute purity of the metal. And strict quality control guarantees every JET vise coming off the line meets all the rigid standards that make it the best. No other vise in America can match the workmanship, quality or material.

Unbreakable Steel Construction

JET heavy-duty model (H) is unbreakable in tests up to 15 tons.



JET Heavy Duty Steel Vises



Maximum opening and jaw strength handles items with limited gripping area, extra width.



Narrow slide and wide jaws accommodate long parts in vertical positions.



Large, free space in height and width adapts to odd-shaped and bulky items.



JET Heavy Duty Steel Vises

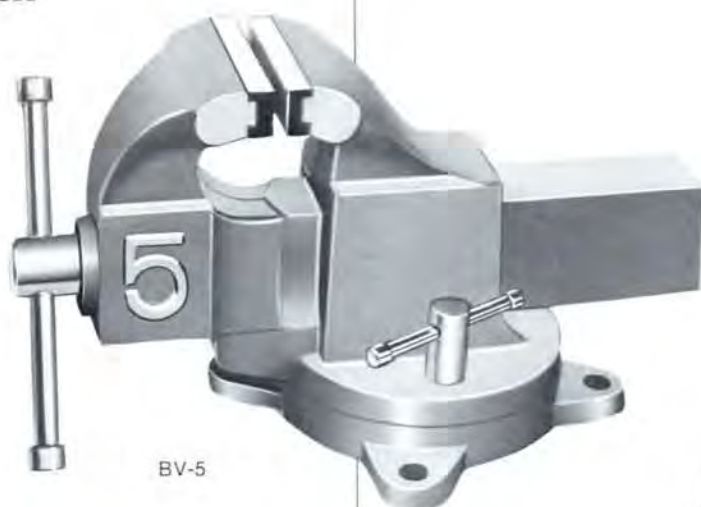
Model	Jaw Width	Jaw Opening	Closed Throat Depth	Screw Dia-meter	Net Wt. (lbs.)
JSV-4H	4"	6"	4 1/8"	13/16"	36
JSV-5H	5"	6"	4 1/8"	13/16"	38
JSV-6H	6"	6"	4 1/8"	13/16"	40

JET Extra Heavy Duty, Extra Deep Steel Vises

Model	Jaw Width	Jaw Opening	Closed Throat Depth	Screw Dia-meter	Net Wt. (lbs.)
JSV-5E	5"	9 1/2"	5"	1 1/8"	55
JSV-6E	6"	9 1/2"	5"	1 1/8"	60
JSV-8E	8"	9 1/2"	5"	1 1/8"	64



Bench



BV-5

JET Bench Vises

JET Bench Vises hold up under toughest use. Their smooth operation and rugged dependability make them ideal tools for medium to heavy duty use in production shop, service station, garage, farm. Locking swivel base, chromed serrated replaceable jaws. All parts in stock for immediate delivery.

SPECIFICATIONS:

Model 3½"

Jaw Opening:	3¾"
Overall Height:	8⅞"
Overall Width:	9"
Overall Length:	14½"
Ship Weight:	
lbs. (approx.):	35

Model 4"

Jaw Opening:	4"
Overall Height:	9-3/16"
Overall Width:	10⅞"
Overall Length:	16⅝"
Ship Weight:	
lbs. (approx.):	50

Model 5"

Jaw Opening:	6"
Overall Height:	10"
Overall Width:	11¼"
Overall Length:	18"
Ship Weight:	
lbs. (approx.):	65

Model 6"

Jaw Opening:	7"
Overall Height:	11¼"
Overall Width:	12½"
Overall Length:	20¼"
Ship Weight:	
lbs. (approx.):	90

Workshop



BWV-4

JET Workshop Vises

The economy priced JET Workshop Vises feature built-in pipe jaws, locking swivel base, large anvil, strong box frame sides and chromed, serrated replaceable jaws. In addition, a replaceable safety overload handle is designed to bend when the vise is overloaded to prevent breakage to critical parts.

Two Models Available:

BWV-3½"

Jaw Width:	3½"
Jaw Opens:	4"
Pipe Capacity:	⅞"-2"
Net Weight	
lbs. (approx.):	16
Ship Weight	
lbs. (approx.):	18

BWV-4

Jaw Width:	4"
Jaw Opens:	5"
Pipe Capacity:	⅞"-2½"
Net Weight	
lbs. (approx.):	31
Ship Weight	
lbs. (approx.):	33



Drill Press

DPV-6



JET Drill Press Vises

JET Drill Press Vises are a pleasure to work with. With their long slotted bolt holes, you can position them easily and quickly on your drill press table. The cold rolled steel screw operates smoothly, and the special steel replaceable jaws are precision finished. In addition, a flat surfaced head allows easy vertical positioning.

Drill Press Angle

DPAV-4



JET Drill Press Angle Vises

With JET's Angle Drill Press Vises, adjustment from horizontal to vertical is easy. The vise adjusts quickly to a full 90°. The high tensile iron casting is strong and heavy. The replaceable jaws are finished to precision specifications. Two bolt slots on the base provide for easy positioning on your drill press table.

Milling

K Type



JET Milling Vises

Heavy duty, quality milling vises are mounted on 180° swivel bases. Bases are removable for direct mounting to milling machines. Two models available: K Type with closed bed. B Type with open bed and oil trough.

JET Drill Press Vises

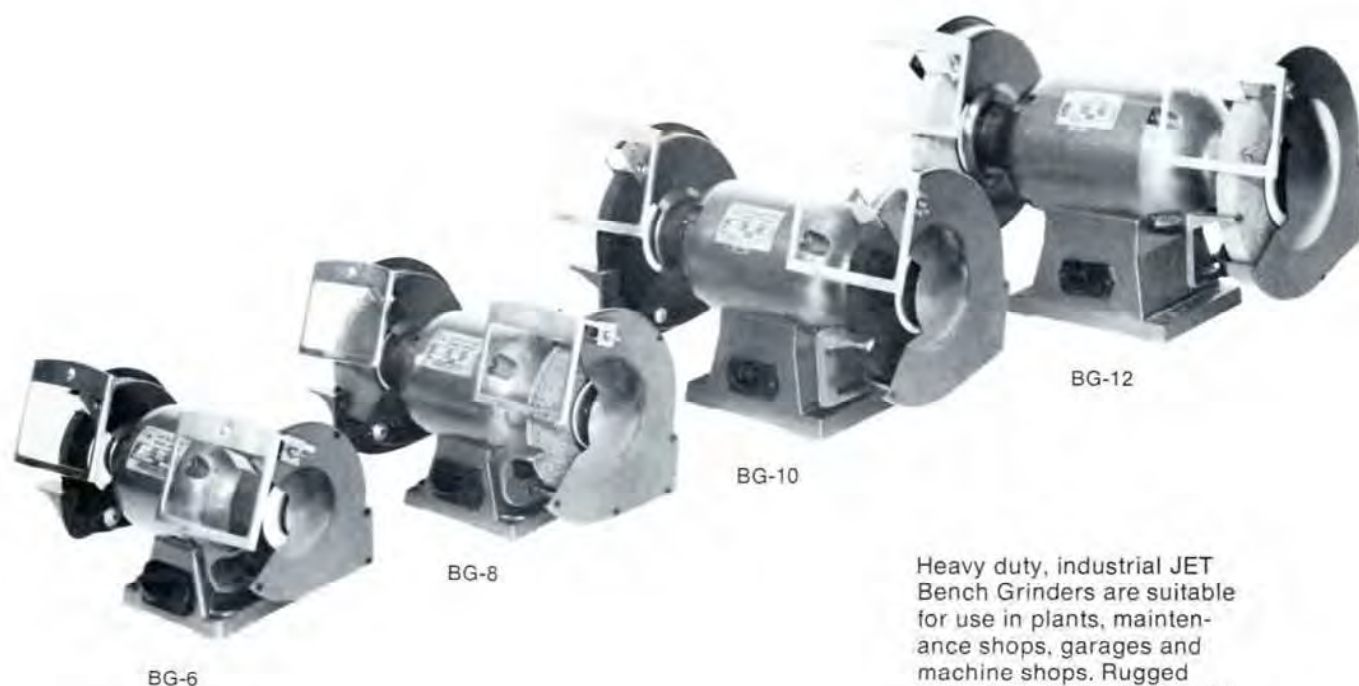
Model	Jaw Width	Base Length	Base Width	Ship Wt. (lbs.)
DPV-3	3"	6-13/16"	5"	7
DPV-4	4"	7-13/16"	7"	10
DPV-5	5"	9"	8"	17
DPV-6	6"	10-3/16"	9"	24

JET Drill Press Angle Vises

Model	Jaw Opens	Jaw Width	Jaw Depth	Overall Length	Ship Wt. (lbs.)
DPAV-3	2 5/8"	2 5/8"	1 3/8"	8-3/16"	10
DPAV-4	3 3/4"	4"	1-13/16"	11 3/4"	22

JET Milling Vises

Model	Type	Jaw Width	Jaw Opens	Jaw Depth	Length	Width	Ship. Wt. (lbs.)
K-100	Closed Bed	4 1/4"	3 1/8"	1-7/16"	13 1/2"	5-7/16"	26
B-100	Open Bed	4 1/2"	3 1/2"	1-5/32"	17 3/8"	7 3/8"	38
K-125	Closed Bed	5-5/16"	4 1/4"	1 3/4"	16 1/8"	6-13/16"	45
B-125	Open Bed	5 1/2"	4"	1 1/2"	17-5/16"	8 1/8"	57
K-150	Closed Bed	6 1/4"	5"	2"	19"	7 5/8"	65
B-150	Open Bed	6 1/2"	5"	1 5/8"	22 3/4"	10 1/8"	84
K-200	Closed Bed	8 1/4"	6 1/4"	2 5/8"	22-7/16"	9 7/8"	125
B-200	Open Bed	8 1/2"	7"	1-15/32"	27 3/4"	12 1/4"	165



Heavy duty, industrial JET Bench Grinders are suitable for use in plants, maintenance shops, garages and machine shops. Rugged capacitor start motors build up to speed instantly and provide plenty of power to avoid stalling. Steel sealed ball bearings support rotor shaft for long wear. JET Bench Grinders come equipped with large, adjustable eye shields, adjustable tool rests, safety push-pull switch, fine and coarse vitrified wheels and 3 conductor cord with 3 prong plug. Meet OSHA requirements.

Model	Wheel Size	HP	Voltage	Cycles	RPM	Wheels Included	Net Wt. (lbs.)	Ship. Wt. (lbs.)
BG-6	6"x3/4"x1/2"	1/3	115/230	60	3600	36 GRIT 60 GRIT	31	36
BG-8	8"x3/4"x5/8"	1/2	115/230	60	3600	36 GRIT 60 GRIT	47	57
BG-10	10"x1"x1"	1	115/230	60	1800	24 GRIT 46 GRIT	83 1/2	102
BG-12	12"x1"x1 1/4"	2	115/230	60	1800	24 GRIT 46 GRIT	92 1/2	188

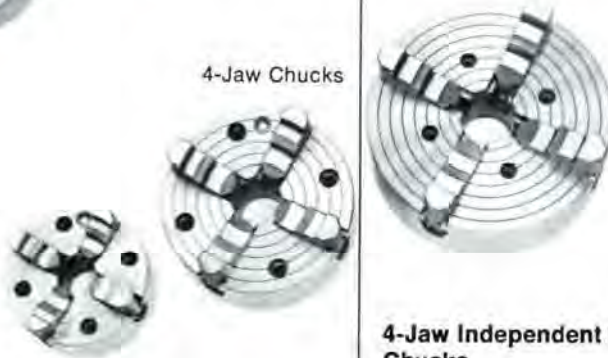


JET Lathe Chucks and Backplates • JET Live Centers

3-Jaw Chucks



4-Jaw Chucks



JET Lathe Chucks

Precision made to exacting tolerances. All have plain back and are adaptable to any standard backplate. Rugged Meehanite body with hardened chromium molybdenum steel jaws. Scrolls are nickel chromium steel. Pinions are case hardened and polished. Critical parts are carefully heat-treated. All parts accurately machined and fitted. Each unit is individually tested, and test reports are included. All sizes come with chuck key and mounting screws. Two models available: 4-jaw independent chuck with reversible jaws; 3-jaw universal scroll chuck with two sets of jaws.

3-Jaw Universal Scroll Chucks

Diameter	Hole Dia.	Net Wt. (lbs.)	Ship Wt. (lbs.)
6"	1.69"	17¾	20
7"	2.08"	25½	29
10"	3.14"	56¾	66
12"	3.54"	77½	95
14"	3.93"	109	115
16"	4.33"	146	158

4-Jaw Independent Lathe Chucks

Diameter	Hole Dia.	Net Wt. (lbs.)	Ship Wt. (lbs.)
6"	1.57"	15½	16
8"	1.97"	28½	32
10"	2.17"	44	46
12"	2.56"	66	70
14"	2.95"	90	95
16"	3.54"	125	139
18"	3.94"	160	163
20"	4.33"	222	226

JET Adaptor Backplates

Choose from five sizes in rough, cast-iron for machining to custom fit your equipment. Ideal for adapting your machine to receive JET chucks at substantial savings or to replace a worn backplate.

Unfinished Back Plates to Fit JET Lathe Chucks

For	Use	Ship Wt. (lbs.)
6" 3-Jaw	BP-1	10
7" 3-Jaw	BP-2	20
10" 3-Jaw	BP-3	40
12" 3-Jaw	BP-4	50
6" 4-Jaw	BP-0	4
8" 4-Jaw	BP-2	20
10" 4-Jaw	BP-1	10
12" 4-Jaw	BP-2	20



JET Live Centers

Precision ground, heavy duty live centers are accurate and long wearing. Body is forged of chromium alloy steel. Hardened high speed tip. Ball, thrust, radial and tapered roller bearings used for accuracy to plus or minus .00012" at spindle. Spindle hardness 56°-58° Rockwell C-scale.

SPECIFICATIONS:

MT #1

Neck Length:	.709"
Head Length:	1.575"
Shank Length:	2.244"
Head Width:	1.417"
Spindle Width:	.512"
Overall Length:	4.528"

MT #2

Neck Length:	1.063"
Head Length:	1.614"
Shank Length:	2.756"
Head Width:	1.575"
Spindle Width:	.787"
Overall Length:	5.433"

MT #3

Neck Length:	1.063"
Head Length:	1.693"
Shank Length:	3.346"
Head Width:	1.811"
Spindle Width:	.787"
Overall Length:	6.102"

MT #4

Neck Length:	1.22"
Head Length:	1.772"
Shank Length:	4.252"
Head Width:	2.047"
Spindle Width:	.906"
Overall Length:	7.244"

MT #5

Neck Length:	1.693"
Head Length:	2.402"
Shank Length:	5.354"
Head Width:	2.638"
Spindle Width:	1.339"
Overall Length:	9.449"

MT #6

Neck Length:	2.126"
Head Length:	3.071"
Shank Length:	7.480"
Head Width:	3.819"
Spindle Width:	1.732"
Overall Length:	12.677"



Horizontal/Vertical



HVRT-8

Use on milling machines for circular cutting, angle setting, boring and spot facing. Table made of meehanite metal. Table surface and rotating parts are ground finished for smooth rotation. Precision worm gear made of special tool steel. Table scaled to 360° with 5 minute microcollar divisions. Each unit factory tested for accuracy prior to shipment. Six sizes available: 6", 8", 10", 12", 14", 16". Model No.: HVRT.

Horizontal



HRT-8

Fully ground Meehanite table. Critical parts hand finished to perfect fit. Hardened and ground finished worm. 360° graduations. Milled "T" slots. Two locks for positive action. Adjustable to take up wear in worm and worm gear. Oil trough base. Each unit tested for accuracy at factory before shipment.

SPECIFICATIONS:

Model HRT-6

Diameter:	6"
Height:	2¾"
Ratio:	1:72
Ship Weight lbs. (approx.):	23

Model HRT-8

Diameter:	8"
Height:	3⅞"
Ratio:	1:72
Ship Weight lbs. (approx.):	60

Model HRT-10

Diameter:	10"
Height:	4⅜"
Ratio:	1:72
Ship Weight lbs. (approx.):	86

Model HRT-12

Diameter:	12"
Height:	5"
Ratio:	1:72
Ship Weight lbs. (approx.):	148



JET Universal Angle Tables • Universal Angle Vises



UAT-2

Table swivels 360° with graduated microcollar. Adjusts from 30° to 90°. Locking nuts hold settings securely. Body made of Meehanite. Hardened and ground steel worm and worm gear. Angle adjustment is fast and precise. Each piece factory tested before shipment.



UAV-4

Lets you adjust work easily on three separate planes. Extra large jaw opening to accommodate a wide range of work. Upper cradle has a 90° range from horizontal to vertical. Lower cradle tilts 45° to each side of horizontal. 360° swivel base. Base accurately machined true flat, parallel and squared to vertical axis.

JET Universal Angle Table

Model	Size	Height	Ship. Wt. (lbs.)
UAT-1	4"x6"	4 $\frac{1}{8}$ "	25
UAT-2	6"x8"	6 $\frac{1}{8}$ "	62
UAT-3	8"x10"	7 $\frac{3}{4}$ "	117

JET Universal Angle Vise

Model	Height Closed	Height (Max.) Open	Jaw Width	Jaw Height	Jaw Opening	Diameter of Base	Ship. Wt. (lbs.)
UAV-3	4 $\frac{1}{8}$ "	14 $\frac{1}{4}$ "	2 $\frac{3}{4}$ "	1"	3 $\frac{1}{4}$ "	9 $\frac{1}{4}$ "x7"	31
UAV-4	6 $\frac{1}{4}$ "	15 $\frac{1}{2}$ "	3-2 $\frac{3}{32}$ "	1 $\frac{3}{4}$ "	4 $\frac{1}{8}$ "	12 $\frac{7}{8}$ "x9 $\frac{7}{8}$ "	74
UAV-5	7 $\frac{3}{4}$ "	20 $\frac{1}{2}$ "	5 $\frac{1}{4}$ "	2"	5 $\frac{1}{4}$ "	15 $\frac{1}{4}$ "x12"	134



IS-1



DH-7



CIF-1

JET 8" Indexing Spacer

Includes precision chuck and 6 indexing plates for 24 divisions (2, 3, 4, 6, 8, 12). For horizontal or vertical use. Uniquely accurate to 20 seconds cumulative error. Heavy duty Meehanite casting. Satin chrome finished graduations. Positive locking for rigid set-up. Hardened and ground plunger can be disengaged for continuous rotation. Table is flat, parallel and concentric within .0005"; square within .001". Includes 3-jaw lathe chuck with 2 piece jaws and 6 index plates.

JET 5C Collet Indexer

Mounts directly to milling machines, grinders, shapers, or drilling machines for rapid indexing. Uses 5C collets for 1 1/8" capacity. Outside thread on spindle nose holds lathe chuck or other special holding devices. Ratchet lever provides rapid rotation of spindle nose. Collet lever opens and closes collet for fast production work. Both levers can be operated with one hand. Index plate hardened and ground for long life and accuracy. Spring-loaded index pin for quick, positive location in index plate holes. 24 index holes. Leverage ratio: 100:1.

JET Dividing Heads

Quick indexing from 1 to 36. 40 to 1 ratio. Head stock, tail stock, center and driving dog, and 3 dividing plates included. For all even and odd numbered divisions from 1 to 50, all even numbered divisions from 50 to 100, and many others from 50 to 400. Head stock swivels to all angles. Includes tailstock.

Model DH-7

Swing:	6 1/2"
Spindle Nose:	1 1/4" x 7 TPI
Backing Plate Diameter:	5.300
Head Stock Taper:	BS-7
Height of Center:	4"
Ship Weight lbs. (approx.):	60

Model DH-9

Swing:	9"
Spindle Nose:	1 1/2" x 8 TPI
Backing Plate Diameter:	6.625
Head Stock Taper:	BS-9
Height of Center:	5"
Ship Weight lbs. (approx.):	90