



DRILLING

The complete line of JET Drill Presses delivers exact spacing and depth control. Engineered durability and enhanced flexibility, the perfect JET Drill Press for both commercial and maintenance operations is available. The industry's leading warranty and professional manuals for efficient operation assures every JET machine user that we back our products so you can put them to work with complete confidence.

CONFIDENCE WITH EVERY TURN OF THE HAND WHEEL



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5' ARM RADIAL DRILL PRESS

A geared head drill press delivers its power from the motor to the spindle through spur gearing located inside the machine's head, without the need for belts or other friction-causing elements. This design assures a positive drive at all times and minimizes maintenance requirements. The different gear ratios necessary to change the spindle speed are achieved through the use of levers located to one side of the head, and usually in conjunction with a two- or three-speed motor. JET offers some of the very best, backed by the industry-leading Two Year Warranty.



320038

FEATURES

- The power train gears and spline shaft are made of the finest quality, heat treated and ground nickel-chrome steel, giving extra strength and smoothness to high torque loads
- The spindle is made of the finest case hardened steel for extra strength and wear
- The spindle is supported by double row taper roller and thrust ball bearings at the nose, with thrust and radial axis bearings at the top
- The spindle is built to withstand exceptionally heavy drilling and boring loads and to insure maximum accuracy
- Push button controls are all reduced to 110V
- Electrical circuits are located in the built-in control box at the rear of the arm- this keeps the controls dust and humidity free while making them easily accessible for maintenance
- Entire frame is made of Meehanite® and high tensile strength cast iron to handle the heaviest of jobs
- Arm raising safety device prevents arm from dropping
- Counter balanced mechanism for spindle return
- 12 speeds/3 feed rates make exotic materials easier to drill, bore and tap
- Centralized control center
- Automatic tool ejector
- Hydraulic head and column clamping

STANDARD EQUIPMENT

- Built in work light
- Coolant pump
- Tool kit
- Box table

| STOCK NUMBER | 320038 | 320039 |
|---|---------------------------------------|---------------------------|
| Model Number | J-1600R | J-1600R-4 |
| Drilling Capacity Mild Steel (in.) | 2-1/2 | 2-1/2 |
| Drilling Capacity Cast Iron (in.) | 2-5/16 | 2-7/8 |
| Tapping Capacity Mild Steel (in.) | 2 | 2 |
| Tapping Capacity Cast Iron (in.) | 2-3/8 | 2-3/8 |
| Boring Capacity Steel (in.) | 5 | 5 |
| Boring Capacity Cast Iron (in.) | 7-3/8 | 7-3/8 |
| Column Diameter (in.) | 17 | 17 |
| Distance Column to Spindle (min/in.) | 13-3/8 | 13-3/8 |
| Distance Column to Spindle (max/in.) | 62-1/4 | 62-1/4 |
| Travel of Head Horizontal (in.) | 44-7/8 | 44-7/8 |
| Distance Base to Spindle (min/in.) | 15 | 15 |
| Distance Base to Spindle (max/in.) | 63 | 63 |
| Arm Travel Vertical (in.) | 33-15/32 | 33-15/32 |
| Table Dimensions (in.) | 27-7/8 x 19-5/8 x 15-3/4 | 27-7/8 x 19-5/8 x 15-3/4 |
| Base Dimensions (in.) | 97-5/8 x 41-11/32 x 8-1/4 | 97-5/8 x 41-11/32 x 8-1/4 |
| Quill Travel (in.) | 14-9/16 | 14-9/16 |
| Spindle Taper | MT-5 | MT-5 |
| Quill Travel w/ Powerfeed engaged (in.) | 13 | 13 |
| Number of Spindle speeds (RPM) | 12 (40 - 1920) | 12 (40 - 1920) |
| Quill Down feed Rates (IPR) | 6 (.003 - .038 IPR) | 6 (.003 - .038 IPR) |
| Motor | 7-1/2HP, 230/460V, 3Ph, Prewired 230V | 7-1/2HP, 460V, 3Ph |
| Elevating Motor | 2HP | 2HP |
| Coolant Pump Motor | 1/8HP | 1/8HP |
| Machine Height from Floor (in.) | 125 | 125 |
| Overall Dimensions (in./ LxWxH) | 116 x 55 x 112 | 112 x 55 x 116 |
| Net Weight (lbs.) | 11000 | 11000 |

4' ARM RADIAL DRILL PRESSES

Another JET Drill Press designed to handle the large assignment. Everything on this 4' Arm Radial Drill Press is built to deliver smooth operation and withstand heavy loads for precision results. Rugged Meehanite frame ensures durability, giving your shop the ability to take on the biggest jobs that come your way.



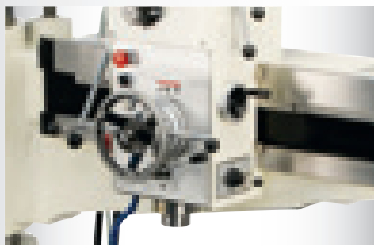
320034

FEATURES

- The power train gears and spline shaft are made of the finest quality, heat treated and ground nickel-chrome steel, giving extra strength and smoothness to high torque loads
- The spindle is made of the finest case hardened steel for extra strength and wear
- The spindle is supported by double row taper roller and thrust ball bearings at the nose with trust and radial axis bearings at the top
- The spindle is built to withstand exceptionally heavy drilling and boring loads and to insure maximum accuracy
- Push button controls are all reduced to 110V
- Electrical circuits are located in the built-in control box at the rear of the arm- this keeps the controls dust and humidity free while making them easily accessible for maintenance.
- Entire frame is made of Meehanite® and high tensile strength cast iron to handle the heaviest of jobs

STANDARD EQUIPMENT

- Built in work light
- Coolant pump
- Tool kit
- Box table



SPINDLE IS BUILT TO WITHSTAND EXCEPTIONALLY HEAVY DRILLING AND BORING LOADS TO ENSURE ACCURACY

| STOCK NUMBER | 320034 | 320035 |
|---|--------------------------|--------------------------|
| Model Number | J-1100R | J1100R-4 |
| Drilling Capacity Mild Steel (in.) | 1-3/4 | 1-3/4 |
| Drilling Capacity Cast Iron (in.) | 2-1/4 | 2-1/4 |
| Tapping Capacity Mild Steel (in.) | 1 | 1 |
| Tapping Capacity Cast Iron (in.) | 1-1/4 | 1-1/4 |
| Boring Capacity Steel (in.) | 3-3/8 | 3-3/8 |
| Boring Capacity Cast Iron (in.) | 4-3/4 | 4-3/4 |
| Column Diameter (in.) | 10-1/4 | 10-1/4 |
| Distance Column to Spindle (min/in.) | 9-5/8 | 9-5/8 |
| Distance Column to Spindle (max/in.) | 43-5/16 | 43-5/16 |
| Travel of Head Horizontal (in.) | 32-1/4 | 32-1/4 |
| Distance Base to Spindle (min/in.) | 18-1/2 | 18-1/2 |
| Distance Base to Spindle (max/in.) | 50 | 50 |
| Arm Travel Vertical (in.) | 22-7/16 | 22-7/16 |
| Table Dimensions (in.) | 24-3/4 x 20-1/2 x 16-1/2 | 24-3/4 x 20-1/2 x 16-1/2 |
| Base Dimensions (in.) | 67-3/4 x 28 x 6-1/2 | 67-3/4 x 28 x 6-1/2 |
| Quill Travel (in.) | 9 | 9 |
| Spindle Taper | MT-4 | MT-4 |
| Quill Travel w/ Powerfeed engaged (in.) | 8-21/32 | 8-21/32 |
| Number of Spindle speeds (RPM) | 12 (44-1500) | 12 (44 - 1500) |
| Quill Down feed Rates (IPR) | 3 (.002, .004, .006) | 3 (.002, .004, .006) |
| Motor | 1-1/2 to 3HP, 230V, 3 Ph | 1-1/2 to 3HP, 460V, 3 Ph |
| Elevating Motor | 1HP | 1HP |
| Coolant Pump Motor | 1/8HP | 1/8HP |
| Machine Height from Floor (in.) | 100 | 100 |
| Overall Dimensions (in./ LxWxH) | 74 x 34 x 89 | 74 x 34 x 89 |
| Net Weight (lbs.) | 4190 | 4190 |

4' ARM RADIAL DRILL PRESSES

Another JET Drill Press designed to handle the large assignment. Everything on this 4' Arm Radial Drill Press is built to deliver smooth operation and withstand heavy loads to delivery precision results. Rugged Meehanite frame ensures durability, giving your shop the ability to take on the biggest jobs that come your way.



320036

FEATURES

- The power train gears and spline shaft are made of the finest quality, heat treated and ground nickel-chrome steel, giving extra strength and smoothness to high torque loads
- The spindle is made of the finest case hardened steel for extra strength and wear
- The spindle is supported by double row taper roller and thrust ball bearings at the nose with trust and radial axis bearings at the top
- The spindle is built to withstand exceptionally heavy drilling and boring loads and to insure maximum accuracy
- Push button controls are all reduced to 110V
- Electrical circuits are located in the built-in control box at the rear of the arm- this keeps the controls dust and humidity free while making them easily accessible for maintenance.
- Entire frame is made of Meehanite® and high tensile strength cast iron to handle the heaviest of jobs

STANDARD EQUIPMENT

- Built in work light
- Coolant pump
- Tool kit
- Box table



HANDWHEEL FOR HORIZONTAL GEARBOX TRAVEL

| STOCK NUMBER | 320036 | 320037 |
|---|--------------------------|--------------------------|
| Model Number | J-1230R | J-1230R-4 |
| Drilling Capacity Mild Steel (in.) | 1-7/8 | 1-7/8 |
| Drilling Capacity Cast Iron (in.) | 2-5/16 | 2-5/16 |
| Tapping Capacity Mild Steel (in.) | 1 | 1 |
| Tapping Capacity Cast Iron (in.) | 1-1/2 | 1-1/2 |
| Boring Capacity Steel (in.) | 3-3/8 | 3-3/8 |
| Boring Capacity Cast Iron (in.) | 4-3/4 | 4-3/4 |
| Column Diameter (in.) | 11-13/16 | 11-13/16 |
| Distance Column to Spindle (min/in.) | 13-3/4 | 13-3/4 |
| Distance Column to Spindle (max/in.) | 46 | 46 |
| Travel of Head Horizontal (in.) | 35 | 35 |
| Distance Base to Spindle (min/in.) | 19-3/8 | 19-3/8 |
| Distance Base to Spindle (max/in.) | 54 | 54 |
| Arm Travel Vertical (in.) | 35 | 35 |
| Table Dimensions (in.) | 25 x 20-1/2 x 16-5/16 | 25 x 20-1/2 x 16-5/16 |
| Base Dimensions (in.) | 67-3/4 x 28 x 7 | 67-3/4 x 28 x 7 |
| Quill Travel (in.) | 9-7/8 | 9-7/8 |
| Spindle Taper | MT-4 | MT-4 |
| Quill Travel w/ Powerfeed engaged (in.) | 9-7/16 | 9-7/16 |
| Number of Spindle speeds (RPM) | 12 (44 - 1500) | 12 (44 - 1500) |
| Quill Down feed Rates (IPR) | 3 (.002, .004, .006) | 3 (.002, .004, .006) |
| Motor | 2-1/2 to 5HP, 230V, 3 Ph | 2-1/2 to 5HP, 460V, 3 Ph |
| Elevating Motor | 1HP | 1HP |
| Coolant Pump Motor | 1/8HP | 1/8HP |
| Machine Height from Floor (in.) | 109-1/2 | 109-1/2 |
| Overall Dimensions (in./ LxWxH) | 80 x 39 x 89 | 80 x 39 x 89 |
| Net Weight (lbs.) | 4520 | 4520 |

3' ARM RADIAL DRILL PRESS

The apex of heavy-duty JET Radial Arm Drill Presses are built to create precision holes in huge pieces and enhance productivity in even the busiest commercial shops. Operation is enhanced with power spindle feed and coolant systems, safety features and ergonomic design. JET Radial Arm Drill Presses are built to deliver under even the most demanding drilling specifications, and hold material fast for superior performance.



FEATURES

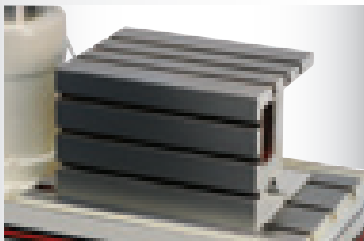
- The power train gears and spline shafts are made of the finest quality, heat treated and ground nickel-chrome steel, giving extra strength and smoothness to high torque loads
- The spindle is made of finest case hardened steel, for extra strength and wear
- The spindle is supported by double row taper roller and thrust ball bearings at the nose, with thrust and radial axis bearings at the top
- Built to withstand exceptionally heavy drilling and boring loads to insure maximum accuracy

STANDARD EQUIPMENT

- Built in work light
- Coolant pump
- Tool kit
- Box table



HEAVY-DUTY GEAR BOX



BOX TABLE STANDARD

| STOCK NUMBER | 320033 |
|---|----------------------------------|
| Model Number | J-720R |
| Drilling Capacity Mild Steel (in.) | 1-1/2 |
| Drilling Capacity Cast Iron (in.) | 2 |
| Tapping Capacity Mild Steel (in.) | 3/4 |
| Tapping Capacity Cast Iron (in.) | 1 |
| Boring Capacity Steel (in.) | 2-3/8 |
| Boring Capacity Cast Iron (in.) | 4 |
| Column Diameter (in.) | 8-1/4 |
| Distance Column to Spindle (min/in.) | 8-5/8 |
| Distance Column to Spindle (max/in.) | 29-1/2 |
| Travel of Head Horizontal (in.) | 20-7/8 |
| Distance Base to Spindle (min/in.) | 9-5/8 |
| Distance Base to Spindle (max/in.) | 41-3/4 |
| Arm Travel Vertical (in.) | 23-13/16 |
| Table Dimensions (in.) | 23-5/8 X 17-1/2 X 15 |
| Base Dimensions (in.) | 49-5/8 x 25-3/16 x 6-1/4 |
| Quill Travel (in.) | 8-21/32 |
| Spindle Taper | MT-4 |
| Quill Travel w/ Powerfeed engaged (in.) | 8-1/4 |
| Number of Spindle speeds (RPM) | 6 (88 - 1500) |
| Quill Down feed Rates (IPR) | .002, .004, .006 |
| Motor | 3HP, 230/460V 3Ph, Prewired 230V |
| Elevating Motor | 1 HP |
| Coolant Pump Motor | 1/8 HP |
| Machine Height from Floor (in.) | 85-7/16 |
| Overall Dimensions (in./ LxWxH) | 64 x 32 x 85 |
| Net Weight (lbs.) | 2697 |

DIRECT DRIVE DRILL PRESSES

Shops must handle a wide variety of customer demands. This heavy-duty JET machine performs a variety of precision drilling and tapping applications. An easy-to-ready internal depth gauge prevents waste through errors, and a large production with T-slotted base holds over-sized pieces.



354050

FEATURES

- Direct drive round column drill press with mechanical clutch
- Two speed forward and reverse switch
- Mechanical powerfeed clutch engagement
- Heavy-duty quill and spindle
- Tempered, ground spindle with internal taper mounted in precision bearings for maximum accuracy, minimizing deflection
- Speed and feed selectors are located on one side of the drill head for convenience and ease of operation
- Oversized base is precision ground with T-slots for added versatility and stability

STANDARD EQUIPMENT

- Automatic tool ejector
- Manual quill lock
- Coolant system
- Low voltage at switch

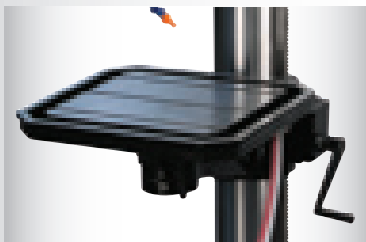
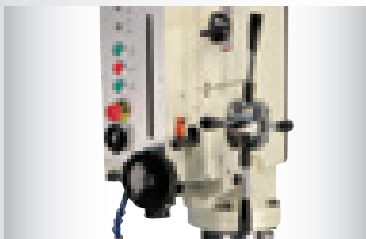


TABLE TILTS BOTH RIGHT & LEFT AND CAN BE ROTATED 360 DEGREES AROUND THE COLUMN FOR WIDER WORK AREA



SPEED AND FEED SELECTORS ARE LOCATED ON ONE SIDE OF THE DRILL FOR EASE OF OPERATION

| STOCK NUMBER | 354050 | 354051 | 354052 |
|--------------------------------------|--|--|---|
| Model Number | J-2350 | J-2360 | J-2380 |
| Drills to Center of Circle (in.) | 28 | 30 | 33 |
| Drilling Capacity Cast Iron (in.) | 1-7/8 | 2-5/32 | 2-7/8 |
| Drilling Capacity Mild Steel (in.) | 1-3/4 | 2 | 2-3/4 |
| Distance Column to Spindle (in.) | 14 | 15 | 16-1/2 |
| Range of Spindle Speeds (RPM) | 82, 120, 180, 240, 354, 528, 678, 1026, 1524 | 55, 98, 156, 198, 346, 456, 576, 822, 1338 | 42, 58, 86, 116, 154, 249, 304, 412, 554, 748, 1098, 1458 |
| Spindle Taper | MT-4 | MT-4 | MT-5 |
| Spindle Travel (in.) | 9 | 10 | 11 |
| Spindle Distance to Base (in.) | 49 | 50 | 51 |
| Spindle Distance to Table (max./in.) | 30-1/2 | 30-1/2 | 30-1/2 |
| Table Size (in.) | 22 x 19 | 22 x 19 | 23-1/2 x 23-1/2 |
| T-Slots Number and Size (in.) | 2 & 5/8 | 3 & 5/8 | 3 & 5/8 |
| Work Table Weight Capacity (lbs.) | 400 | 400 | 400 |
| Base Dimensions (in./ LxWxH) | 102 x 25 x 47 | 108 x 30 x 53 | 114 x 33 x 54 |
| Base Slots Number & Size (in.) | 3 & 5/8 | 3 & 5/8 | 3 & 5/8 |
| Motor | 3HP, 230/460V, 3 Ph, Prewired 230V | 4HP, 230/460V, 3 Ph, Prewired 230V | 7-1/2HP, 230/460V, 3 Ph, Prewired 230V |
| Floor Space Required (in./ LxWxH) | 40 x 30 x 95 | 53 x 30 x 108 | 55 x 33 x 110 |
| Net Weight (lbs.) | 1810 | 2405 | 3065 |

26" JET/ARBOGA GEARED HEAD DRILL PRESS

This premier drill combines power and precision with a speed range of 108-1800 RPMs to handle virtually any drilling application. Driven by a sturdy 3HP motor, the drilling capabilities of up to 1-7/8" and tapping to 1" in steel! Exceptional support is provided by a large 5-1/2" steel column. Powerfeed engagement is controlled by one selector switch which makes this the perfect drill press for any shop.



354040

FEATURES

- Helical gears for smooth quiet operation
- Quick release drill ejector
- English/Metric depth gauge
- Machined, T-Slotted base plate
- No-volt release prevents spindle start when power returns after shut down
- Steel column
- Extra long quill movement
- Adjustable taper bearings mounted in the end of the quill
- Fiber & steel gears which do not required oil bath and allows for easy speed changes

STANDARD EQUIPMENT

- Fully enclosed spindle
- Large T-Slotted table



GEARS ARE A MIX OF FIBER AND STEEL WHICH RESULTS IN EASY SPEED CHANGES AND NO BELT SLIPPAGE



EXCEPTIONAL SUPPORT PROVIDED BY A LARGE 5-1/2" STEEL COLUMN

| STOCK NUMBER | 354040 | 354041 |
|--------------------------------------|--|--|
| Model Number | J-A4008M-PF2 | J-A4008M-PF4 |
| Drills to Center Circle (in.) | 26 | 26 |
| Drilling Capacity Cast Iron (in.) | 2 | 2 |
| Drilling Capacity Mild Steel (in.) | 1-7/8 | 1-7/8 |
| Column Diameter (in.) | 5-1/2 | 5-1/2 |
| Distance Column to Spindle (in.) | 13 | 13 |
| Range of Spindle Speeds (RPM) | 105, 162, 240, 360, 528, 805, 1175, 1800 | 105, 162, 240, 360, 528, 805, 1175, 1800 |
| Spindle Taper | MT-4 | MT-4 |
| Spindle Travel (in.) | 8 | 8 |
| Spindle Distance to Base (in.) | 44 | 44 |
| Spindle Distance to Table (max./in.) | 33 | 33 |
| Table Size (in.) | 15-3/4 x 19-3/4 | 15-3/4 x 19-3/4 |
| Table Travel (in.) | 25 | 25 |
| T-Slots Number and Size (in.) | 2 & 5/8 | 2 & 5/8 |
| T-Slot Centers (in.) | 8-1/4 | 8-1/4 |
| Work Table Weight Capacity (lbs.) | 550 | 550 |
| Quill Feed | Auto | Auto |
| Quill Down Feed Rates (IPR) | .004, .006, .009, .013 | .004, .006, .009, .013 |
| Base Dimensions (in./ LxWxH) | 23 x 28 | 23 x 28 |
| Base Work Table (in.) | 13 x 16-1/8 | 13 x 16-1/8 |
| Base Slots Number & Size (in.) | 2 & 5/8 | 2 & 5/8 |
| Motor | 3HP, 220V, 3Ph | 3HP, 440/460V, 3Ph |
| Overall Dimensions (in./ LxWxH) | 23 x 28 x 81 | 23 x 28 x 81 |
| Net Weight (lbs.) | 700 | 820 |

25" & 26" JET/ARBOGA GEARED HEAD DRILL PRESS

This durable drill press is ideal for any drilling application. For superior production, speed and accuracy the J-A3008M-PF models are equipped with a heavy-duty slip clutch powerfeed, which is automatically engaged when pre-set depths are reached. A heavy-duty t-slotted and machined base plate anchors this steady drill.



354034

FEATURES

- Helical gears for smooth, quiet operation
- Quick release drill ejector
- English/Metric depth gauge
- Machined, T-Slotted base plate
- Head and table rotate 360° around column
- No-volt release prevents spindle start when power returns after shut down
- Steel column
- Extra long quill movement
- Adjustable taper bearings mounted in the end of the quill
- Fiber & steel gears which do not required oil bath and allows for easy speed changes
- Drill head and table can be raised and lowered

| STOCK NUMBER | 354034 | 354035 | 354036 | 354037 |
|--------------------------------------|--|--|--|--|
| Model Number | J-A3008-2 | J-A3008-4 | J-A3008M-PF2 | J-A3008M-PF4 |
| Drills to Center of Circle (in.) | 26 | 26 | 25 | 25 |
| Drilling Capacity Cast Iron (in.) | 1-3/16 | 1-3/16 | 1-3/16 | 1-3/16 |
| Drilling Capacity Mild Steel (in.) | 31/32 | 31/32 | 31/32 | 31/32 |
| Quill Feed | Manual | Manual | Auto | Auto |
| Quill Feed Rates (IRP) | - | - | .004, .006, .009, .12 | .004, .006, .009, .12 |
| Quill Travel (in.) | 6 | 6 | 6 | 6 |
| Quill Diameter (in.) | 2-7/16 | 2-7/16 | 2-7/16 | 2-7/16 |
| Range of Spindle Speeds (RPM) | 90, 190, 320, 530, 640, 1060, 1790, 3610 | 90, 190, 320, 530, 640, 1060, 1790, 3610 | 90, 190, 320, 530, 640, 1060, 1790, 3610 | 90, 190, 320, 530, 640, 1060, 1790, 3610 |
| Spindle Taper | MT-3 | MT-3 | MT-3 | MT-3 |
| Spindle Travel (in.) | 6 | 6 | 6 | 6 |
| Spindle Distance to Base (in.) | 45-5/8 | 45-5/8 | 45-5/8 | 45-5/8 |
| Spindle Distance to Table (max./in.) | 35 | 35 | 35 | 35 |
| Distance Column to Spindle (in.) | 12-5/8 | 12-5/8 | 12-5/8 | 12-5/8 |
| Table Size (in.) | 15-3/4 x 19-3/4 | 15-3/4 x 19-3/4 | 15-3/4 x 19-3/4 | 15-3/4 x 19-3/4 |
| Table Travel (in.) | 30 | 30 | 30 | 30 |
| T-Slots Number and Size (in.) | 2 & 9/16 | 2 & 9/16 | 2 & 9/16 | 2 & 9/16 |
| Work Table Weight Capacity (lbs.) | 450 | 450 | 450 | 450 |
| Base Dimensions (LxWxH/ in.) | 28 x 24 | 28 x 24 | 28 x 24 | 28 x 24 |
| Base Slots Number & Size (in.) | 2 & 9/16 | 2 & 9/16 | 2 & 9/16 | 2 & 9/16 |
| Motor | 1-1/2 - 2HP, 220V, 3Ph | 1-1/2 - 2HP, 440/460V, 3Ph | 1-1/2 - 2HP, 220V, 3Ph | 1-1/2 - 2HP, 440/460V, 3Ph |
| Overall Dimensions (in./ LxWxH) | 28 x 24 x 72 | 28 x 24 x 72 | 28 x 24 x 72 | 28 x 24 x 72 |
| Net Weight (lbs.) | 565 | 565 | 600 | 600 |

20" JET/ARBOGA GEARED HEAD DRILL PRESS

A workhorse of a machine for precision production drilling applications. The head and table rotate 360 degrees around the column for maximum mobility. Eight drilling speeds provide high torque at lower speeds for both small and medium hole drilling. Special helical gears help maintain this drill's smooth, quiet operation.



354028

FEATURES

- Helical gears for smooth, quiet operation
- Quick release drill ejector
- Safety latch to prevent head dropping when unclamped
- Eight spindle speeds
- T-Slotted table with coolant trough
- Head and table rotate 360 degrees around column
- 2 position High/Low switch
- 3-15/16" Column diameter
- English/Metric depth gauge
- Both Head & Table can be raised or lowered
- Head and Table can be rotated 360 degrees
- Steel column
- Extra long quill movement
- Adjustable taper bearings mounted in the end of the quill
- Fiber & steel gears which do not require oil bath and allows for easy speed changes
- Drill head and table can be raised and lowered

| STOCK NUMBER | 354028 | 354029 | 354030 | 354031 |
|--------------------------------------|---|---|---|---|
| Model Number | J-A2608-2 | J-A2608-4 | J-A2608M-PF2 | J-A2608M-PF4 |
| Drills to Center Circle (in.) | 20 | 20 | 20 | 20 |
| Drilling Capacity Cast Iron (in.) | 1-3/8 | 1-3/8 | 1-3/8 | 1-3/8 |
| Drilling Capacity Mild Steel (in.) | 1-1/4 | 1-1/4 | 1-1/4 | 1-1/4 |
| Column Diameter (in.) | 3-15/16 | 3-15/16 | 3-15/16 | 3-15/16 |
| Distance Column to Spindle (in.) | 10 | 10 | 10 | 10 |
| Range of Spindle Speeds (RPM) | Low-130, 260, 420, 840; High-535, 1070, 1745, 3480 | Low-130, 260, 420, 840; High-535, 1070, 1745, 3480 | Low-130, 260, 420, 840; High-535, 1070, 1745, 3480 | Low-130, 260, 420, 840; High-535, 1070, 1745, 3480 |
| Spindle Taper | MT-3 | MT-3 | MT-3 | MT-3 |
| Spindle Travel (in.) | 5-1/8 | 5-1/8 | 5-1/8 | 5-1/8 |
| Spindle Distance to Base (in.) | 44 | 44 | 44 | 44 |
| Spindle Distance to Table (max./in.) | 35-5/8 | 35-5/8 | 35-5/8 | 35-5/8 |
| Table Size (in.) | 15-3/4 x 19-3/4 | 15-3/4 x 19-3/4 | 15-3/4 x 19-3/4 | 15-3/4 x 19-3/4 |
| Quill Feed | Manual | Manual | Auto | Auto |
| Quill Feed Rates (IPR) | - | - | .0004, .006, .009, .012 | .0004, .006, .009, .012 |
| Quill Travel | 5-1/8 | 5-1/8 | 5-1/8 | 5-1/8 |
| Quill Diameter (in.) | 2-3/8 | 2-3/8 | 2-3/8 | 2-3/8 |
| Vertical Movement of Drill Head | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 |
| Table Travel (in.) | 24-1/2 | 24-1/2 | 24-1/2 | 24-1/2 |
| T-Slots Number and Size (in.) | 2 & 9/16 | 2 & 9/16 | 2 & 9/16 | 2 & 9/16 |
| Work Table Weight Capacity (lbs.) | 350 | 350 | 350 | 350 |
| Base Dimensions (in./ LxWxH) | 24 x 22 | 24 x 22 | 24 x 22 | 24 x 22 |
| Motor | 1 - 1-1/2HP, 220V, 3Ph | 1 - 1-1/2HP, 440V, 3Ph | 1 - 1-1/2HP, 220V, 3Ph | 1 - 1-1/2HP, 440V, 3Ph |
| Overall Dimensions (in./ LxWxH) | 24 x 22 x 72 | 24 x 22 x 72 | 24 x 22 x 72 | 24 x 22 x 72 |
| Net Weight (lbs.) | 475 | 475 | 600 | 600 |

20" GEARED HEAD DRILLING AND TAPPING PRESSES

Achieve precision drilling and tapping from a design that includes an easy-to-read internal depth gauge, three power down feeds, built-in spindle lock and calibrated fine down feed. JET backs this reliable combination drilling and tapping press with a Two Year Warranty.



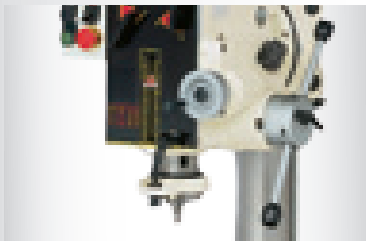
354026

FEATURES

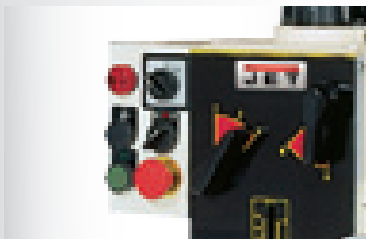
- Heavy-duty design allows a variety of precision drilling and tapping applications
- Easy to read internal depth gauge
- Three power down feeds
- Calibrated fine down feed built-in
- Built-in spindle lock
- Head tilts left or right
- Easy accessible table raiser
- Large production table and T-slotted base

STANDARD EQUIPMENT

- Integrated tapping and reversing controls
- T-slotted worktable
- Drill chuck arbor
- Draw bar
- TEFC Motor



POWER DOWNFEED SPEED SELECTOR



BOTH DRILLING & TAPPING WITH THE FLICK OF A SWITCH

| STOCK NUMBER | 354022 | 354026 |
|--------------------------------------|--|--|
| Model Number | GHD-20T | GHD-20PFT |
| Drills to Center Circle (in.) | 20 | 20 |
| Drilling Capacity Cast Iron (in.) | 1-1/2 | 1-1/2 |
| Drilling Capacity Mild Steel (in.) | 1-1/4 | 1-1/4 |
| Tapping Capacity Mild Steel (in.) | 15/16 | 15/16 |
| Tapping Capacity Cast Iron (in.) | 15/16 | 15/16 |
| Column Diameter (in.) | 4-1/2 | 4-1/2 |
| Distance Column to Spindle (in.) | 10 | 10 |
| Range of Spindle Speeds (RPM) | 120, 260, 460, 900, 1600, 3000, 60, 130, 230, 450, 800, 1500 | 120, 260, 460, 900, 1600, 3000, 60, 130, 230, 450, 800, 1500 |
| Spindle Taper | MT-3 | MT-3 |
| Spindle Travel (in.) Manual | 5 | 4-1/2 |
| Spindle Travel (in.) Auto | N/A | 4-1/4 |
| Spindle Distance to Base (in.) | 44-5/16 | 44-5/16 |
| Spindle Distance to Table (max./in.) | 30-1/2 | 30-1/2 |
| Table Size (in.) | 21-3/4 x 19-1/2 | 21-3/4 x 19-1/2 |
| T-Slots Number and Size (in.) | 2 & 5/8 | 2 & 5/8 |
| T-Slot Centers (in.) | 9 | 9 |
| Work Table Weight Capacity (lbs.) | 275 | 275 |
| Base Dimensions (in./ LxWxH) | 26 x 18 x 5 | 26 x 18 x 5 |
| Base Work Table (in.) | 15-1/4 x 13 | 15-1/4 x 13 |
| Base Slots Number & Size (in.) | 2 & 5/8 | 2 & 5/8 |
| Motor | 2HP, 230V, 3Ph, 2-speed | 2HP, 230V, 3Ph, 2-speed |
| Overall Dimensions (in./ LxWxH) | 32 x 24 x 71 | 32 x 24 x 71 |
| Net Weight (lbs.) | 700 | 708 |

20" GEARED HEAD DRILL PRESSES

JET Geared Head Drill Presses are ideal for repetitive drilling in a wide variety of materials. These drill presses are equipped with helical gears for smooth and quiet operation, a quick-release drill ejector and English/Metric depth gauge. T-slotted table, 8 spindle speeds, and a head and table that rotate 360° around the column enhance overall use and supply premier results.



FEATURES

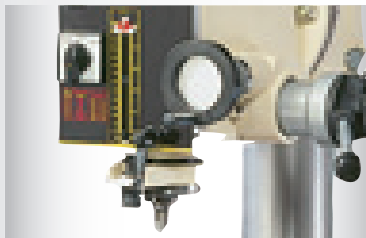
- Heavy-duty design allows a variety of precision drilling applications
- Easy to read internal depth gauge
- Calibrated fine down feed built-in
- Built-in spindle lock
- Head tilts left or right
- Easy accessible table raiser
- Large production table and T-slotted base

STANDARD EQUIPMENT

- T-slotted worktable
- Drill chuck arbor
- Draw bar



FINE FEED ADJUSTMENT KNOB IN EASY TO REACH LOCATION



DEPTH STOP WHEN SET THE QUILL WILL ONLY ADVANCE TO THE SET DEPTH



354020

| STOCK NUMBER | 354020 | 354024 |
|--------------------------------------|---|---|
| Model Number | GHD-20 | GHD-20PF |
| Drills to Center Circle (in.) | 20 | 20 |
| Drilling Capacity Cast Iron (in.) | 1-1/2 | 1-1/2 |
| Drilling Capacity Mild Steel (in.) | 1-1/4 | 1-1/4 |
| Column Diameter (in.) | 4-1/2 | 4-1/2 |
| Distance Column to Spindle (in.) | 10 | 10 |
| Range of Spindle Speeds (RPM) | Low 60, 130, 230, 450, 800, 1500 High 120, 260, 460, 900, 1600, 3000 | Low 60, 130, 230, 450, 800, 1500 High 120, 260, 460, 900, 1600, 3000 |
| Spindle Taper | MT-3 | MT-3 |
| Number of Powerfeeds (GHD-20PF) | | 3 |
| Spindle Travel (in.) Manual | 5 | 4-1/2 |
| Spindle Travel (in.) Auto | N/A | 4-1/4 |
| Spindle Distance to Base (in.) | 44-15/16 | 44-15/16 |
| Spindle Distance to Table (max./in.) | 30-1/2 | 30-1/2 |
| Table Size (in.) | 21-3/4 x 19-1/2 | 21-3/4 x 19-1/2 |
| T-Slots Number and Size (in.) | 2 & 5/8 | 2 & 5/8 |
| T-Slot Centers (in.) | 9 | 9 |
| Work Table Weight Capacity (lbs.) | 275 | 275 |
| Base Dimensions (in./ LxWxH) | 26 x 18 x 5 | 26 x 18 x 5 |
| Base Work Table (in.) | 15-1/4 x 13 | 15-1/4 x 13 |
| Base Slots Number & Size (in.) | 2 & 5/8 | 2 & 5/8 |
| Motor | 2HP, 230V, 3Ph, 2 Speed | 2 HP, 230V, 3 Ph, 2 Speed |
| Overall Dimensions (in./ LxWxH) | 32 x 24 x 71 | 33 x 29 x 76 |
| Net Weight (lbs.) | 660 | 660 |

20" VARIABLE SPEED DRILL PRESSES

JET Electronic Variable Speed Drill Presses permit use at spindle revolution rates between 65 and 2000 RPM for a wide variety of applications. Designed to permit continuous speed adjustment - even during operation. Tapping, emergency stop and a heavy-duty casted head are but a few of the features JET includes to enhance overall use and accuracy.

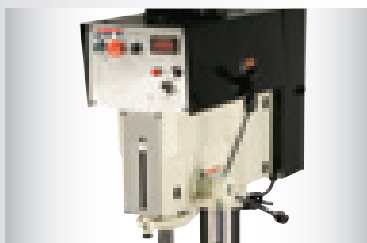


FEATURES

- Variable spindle speed from 65 to 2000RPM
- MT-3 spindle taper
- Latest AC inverter variable speed technology
- High torque at all speeds both forward and reverse
- Continuous speed adjustment while in operation
- Front mounted LED spindle RPM readout
- Forward and reverse for tapping
- Emergency stop
- Front mounted positive control depth stop
- Large precision ground T-slot production table for easy set ups
- Heavy-duty casted head for more accuracy and rigidity



DRILLING CHART ADDED FOR OPERATOR EASE OF USE



LATEST AC INVERTER VARIABLE SPEED TECHNOLOGY



354214

| STOCK NUMBER | 354214 | 354216 |
|-------------------------------------|-------------------------|-------------------------|
| Model Number | J-2232AC | J-2234AC |
| Drilling Capacity Cast Iron (in.) | 1-1/2 | 1-1/2 |
| Drilling Capacity Mild Steel (in.) | 1-3/8 | 1-3/8 |
| Tapping Capacity Cast Iron (in.) | 7/8 | 7/8 |
| Tapping Capacity Mild Steel (in.) | 3/4 | 3/4 |
| Column Diameter (in.) | 4-1/2 | 4-1/2 |
| Distance Column to Spindle (in.) | 10-7/16 | 10-7/16 |
| Range of Spindle Speeds (RPM) | 65 - 2000 | 65 - 2000 |
| Spindle Travel (in.) | 6 | 6 |
| Spindle Distance to Base (in.) | 43-5/16 | 43-5/16 |
| Max Distance Spindle to Table (in.) | 30-1/4 | 30-1/4 |
| Table Size (in.) | 18-1/8 x 14-3/4 | 18-1/8 x 14-3/4 |
| Table Travel (in.) | 18 | 18 |
| T-Slots Number and Size (in.) | 2 & 5/8 | 2 & 5/8 |
| T-Slot Centers (in.) | 7-7/16 | 7-7/16 |
| Work Table Weight Capacity (lbs.) | 176 | 176 |
| Spindle Taper | MT-3 | MT-3 |
| Base Dimensions (in./ LxWxH) | 27-1/2 x 19-1/4 x 6-1/8 | 27-1/2 x 19-1/4 x 6-1/8 |
| Base Work Table (in.) | 14-3/4 x 11-13/16 | 14-3/4 x 11-13/16 |
| Base Slots Number & Size (in.) | 2 & 5/8 | 2 & 5/8 |
| Motor | 2HP, 220V, 3Ph* | 2HP, 460V, 3Ph |
| Overall Dimensions (in./ LxWxH) | 37 x 27 x 80 | 37 x 27 x 80 |
| Net Weight (lbs.) | 792 | 792 |

*J-2232AC can also run as 220V, Single Phase

20" ELECTRONIC VARIABLE SPEED DRILL PRESSES

JET innovation for smooth, quiet operation that delivers superior results. This 20" EVS Drill Press line is among the very best you can add to your shop operation. When the job demands perfection, perfection is what you get when you put JET on the job.



354212

FEATURES

- Runs quieter and smoother than a conventional variable speed head
- 230V model can run on single phase power
- Low maintenance head has less moving parts
- Incorporates a high-low gear box to maintain low speed torque
- Chrome molybdenum gears are hardened, ground, and shaved
- Quiet running and longer life
- Speed can be adjusted in each range during operation
- LED spindle RPM readout is conveniently mounted
- Tapping mode allows instantaneous spindle reversal
- Easy to read internal depth gauge
- Extra large emergency stop button adds to safe operation
- Table can be raised from the front or side
- Large production table and T-slotted dish-in base

STANDARD EQUIPMENT

- Integrated tapping and reversing controls
- Complete coolant system
- T-slotted work table



COOLANT FOR DRILLING & TAPPING IS AS EASY AS A FLIP OF A SWITCH



LARGE, EASY TO READ DEPTH CHART

| STOCK NUMBER | 354210 | 354212 |
|-------------------------------------|-------------------------|-------------------------|
| Model Number | JDP-20EVS/230 | JDP-20EVS/460 |
| Drills to Center Circle (in.) | 20 | 20 |
| Drilling Capacity Cast Iron (in.) | 1-1/2 | 1-1/2 |
| Tapping Capacity Cast Iron (in.) | 7/8 | 7/8 |
| Tapping Capacity Mild Steel (in.) | 3/4 | 3/4 |
| Drilling Capacity Mild Steel (in.) | 1-3/8 | 1-3/8 |
| Column Diameter (in.) | 4-1/2 | 4-1/2 |
| Distance Column to Spindle (in.) | 10-7/16 | 10-7/16 |
| Range of Spindle Speeds (RPM) | 65 - 2000 | 65 - 2000 |
| Spindle Taper | MT-3 | MT-3 |
| Spindle Travel (in.) | 6 | 6 |
| Spindle Distance to Base (in.) | 43-5/16 | 43-5/16 |
| Max Distance Spindle to Table (in.) | 30-1/4 | 30-1/4 |
| Table Size (in.) | 18-1/8 x 14-3/4 | 18-1/8 x 14-3/4 |
| Table Travel (in.) | 18 | 18 |
| T-Slots Number and Size (in.) | 2 & 5/8 | 2 & 5/8 |
| T-Slot Centers (in.) | 7-7/16 | 7-7/16 |
| Base Dimensions (in./ LxWxH) | 27-1/2 x 19-1/4 x 6-1/8 | 27-1/2 x 19-1/4 x 6-1/8 |
| Base Work Table (in.) | 14-3/4 x 11-13/16 | 14-3/4 x 11-13/16 |
| Base Slots Number & Size (in.) | 2 & 5/8 | 2 & 5/8 |
| Motor | 2HP, 230V only, 3Ph | 2HP, 460V only, 3Ph |
| Overall Dimensions (in./ LxWxH) | 37 x 37 x 83 | 37 x 37 x 83 |
| Net Weight (lbs.) | 722 | 722 |

20" VARIABLE SPEED DRILL PRESSES

All the precision operation and control on a heavy-duty cast iron base. Variable speed spindles, front mounted positive control depth stop and other features that enhance overall operation make these JET 20" Variable Speed Drill Presses a machinist's first choice.

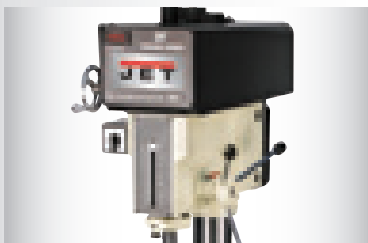


FEATURES

- Variable spindle speeds from 300 to 2000 RPM
- #3 Morse Taper
- Front mounted positive control depth stop
- 6" Quill travel
- Massive 3" quill diameter
- Heavy-duty cast iron design
- Large precision ground T-Slot production table for easy set ups
- Front or side rack and worm gear table raiser
- Table rotates 360° around the column
- Machined T-Slotted base
- Head is massively constructed for more accuracy and rigidity



FRONT OR SIDE RACK AND WORM GEAR TABLE RAISER



HEAD IS MASSIVELY CONSTRUCTED FOR ACCURACY AND RIGIDITY



354221

| STOCK NUMBER | 354221 | 354223 |
|-------------------------------------|-------------------------------------|-------------------------------------|
| Model Number | J-2221VS | J-2223VS |
| Drills to Center Circle (in.) | 20 | 20 |
| Drilling Capacity Cast Iron (in.) | 1-1/4 | 1-1/4 |
| Drilling Capacity Mild Steel (in.) | 1 | 1 |
| Column Diameter (in.) | 4-1/2 | 4-1/2 |
| Distance Column to Spindle (in.) | 10-7/16 | 10-7/16 |
| Range of Spindle Speeds (RPM) | 300 to 2000 | 300 to 2000 |
| Spindle Travel (in.) | 6 | 6 |
| Spindle Distance to Base (in.) | 43-5/16 | 43-5/16 |
| Max Distance Spindle to Table (in.) | 30-1/4 | 30-1/4 |
| Table Size (in.) | 18-1/8 x 14-3/4 | 18-1/8 x 14-3/4 |
| Table Travel (in.) | 18 | 18 |
| T-Slots Number and Size (in.) | 2 & 5/8 | 2 & 5/8 |
| T-Slot Centers (in.) | 7-7/16 | 7-7/16 |
| Work Table Weight Capacity (lbs.) | 176 | 176 |
| Spindle Taper | MT-3 | MT-3 |
| Base Dimensions (in./ LxWxH) | 27-1/2 x 19-1/4 x 6-1/8 | 27-1/2 x 19-1/4 x 6-1/8 |
| Base Work Table (in.) | 14-3/4 x 11-13/16 | 14-3/4 x 11-13/16 |
| Base Slots Number & Size (in.) | 2 & 5/8 | 2 & 5/8 |
| Motor | 2HP, 115/230V, 1Ph (Prewired 115V)* | 2HP, 230/460V, 3Ph (Prewired 230V)* |
| Overall Dimensions (in./ LxWxH) | 37 x 27 x 77 | 37 x 27 x 77 |
| Net Weight (lbs.) | 715 | 715 |

*Cord not provided as amprage is over 15A.

| STOCK NUMBER | DESCRIPTION |
|--------------|---|
| 5512104 | Coolant system, 1/8HP pump, 115/220V, 1Ph |
| 5508071 | Coolant system, 1/8HP pump, 220/440V, 3Ph |

15" VARIABLE SPEED DRILL PRESSES

These JET Drill Presses use a variable-speed motor with the stepped-pulley system, and come equipped with a continuously variable transmission. This enables use at a wide range of speeds, as well as the ability to change speed during operation. A scale-marked handwheel that matches the desired machine speed is mounted to a reduction gearing system for precise operator control of gap between the pulley halves. This gap control adjusts the gearing ratio between the motor's fixed pulley and the output shaft's variable pulley, changing the speed of the chuck. A tensioner pulley is implemented in the belt transmission to take up or release the slack in the belt as the speed changes.



FEATURES

- Speeds from 400 to 5000 RPM
- Handwheel adjustment sets the speeds
- Large 2-1/4" quill allows greater accuracy
- 3" Column diameter for maximum head support
- Full bearing support on quill for maximum spindle stiffness
- 6" stroke for deep hole application
- Accurate depth stop for precise hole depths
- 1/2" drill chuck & arbor
- Safety collar



1/2" DRILL CHUCK & ARBOR INCLUDED



EASY TO READ LED SPEED DISPLAY



354550

| STOCK NUMBER | 354550 | 354551 |
|-------------------------------------|-----------------------------------|------------------------------------|
| Model Number | J-A5816 | J-A5818 |
| Drills to Center Circle (in.) | 15 | 15 |
| Drilling Capacity Cast Iron (in.) | 5/8 | 5/8 |
| Drilling Capacity Mild Steel (in.) | 1/2 | 1/2 |
| Column Diameter (in.) | 3 | 3 |
| Distance Column to Spindle (in.) | 7-1/2 | 7-1/2 |
| Spindle Travel (in.) | 6 | 6 |
| Spindle Distance to Base (in.) | 44-1/2 | 44-1/2 |
| Max Distance Spindle to Table (in.) | 25-3/4 | 25-3/4 |
| Table Size (in.) | 15 x 18 | 15 x 18 |
| Table Travel (in.) | 16-3/4 | 16-3/4 |
| T-Slots Number and Size (in.) | 2 & 1/2 | 2 & 1/2 |
| T-Slot Centers (in.) | 5-5/16 | 5-5/16 |
| Work Table Weight Capacity (lbs.) | 90 | 90 |
| Spindle Taper | MT-2 | MT-2 |
| Range of Spindle Speeds (RPM) | 400 - 5000 | 400 to 5000 |
| Base Dimensions (in./ LxWxH) | 20-7/16 x 14-3/16 x 3-1/8 | 20-7/16 x 14-3/16 x 3-1/8 |
| Base Work Table (in.) | 12-1/8 x 11-13/16 | 12-1/8 x 11-13/16 |
| Base Slots Number & Size (in.) | 2 & 1/2 | 2 & 1/2 |
| Motor | 1HP, 115/20V, 1Ph (Prewired 115V) | 1HP, 230/460V, 3Ph (Prewired 230V) |
| Overall Dimensions (in./ LxWxH) | 30 x 20 x 71 | 30 x 20 x 71 |
| Net Weight (lbs.) | 426 | 426 |

15" AND 20" DRILL PRESSES

Accuracy, stability and versatility are the benchmark features of the JET 15" and 20" Drill Presses.

This high quality line of JET Drill Presses offer a greater range in spindle speeds than other machines of this class. JET backs their machines with the industry-leading Two Year Warranty.



354401

354400

354402

FEATURES

- Cast iron head
- Large quill allows greater accuracy
- Head casting features a permanently lubricated ball bearing spindle assembly, using four heavy-duty ball bearings mounted in an enclosed quill for extended life
- Massive T-slotted production work table (Model J-2550 only)
- Table tilts 45°
- Large ground steel column diameter for maximum head and table support
- 3-1/8" stroke for deep hole applications (4-3/4" on model J-2550)
- Accurate depth stop for precise hole depths

STANDARD EQUIPMENT

- 5/8" Drill chuck and arbor



J-2550 HAS A MASSIVE T-SLOT PRODUCTION WORK TABLE AND BASE



ALL MODELS HAVE A CAST IRON HEAD FOR BETTER DRILLING ACCURACY

| STOCK NUMBER | 354401 | 354400 | 354402 |
|--------------------------------------|--|--|--|
| Model Number | J-2530 | J-2500 | J-2550 |
| Drills to Center Circle (in.) | 15 | 15 | 20 |
| Drilling Capacity Cast Iron (in.) | 5/8 | 5/8 | 3/4 |
| Drilling Capacity Mild Steel (in.) | 1/2 | 1/2 | 5/8 |
| Column Diameter (in.) | 2-7/8 | 2-7/8 | 3-5/8 |
| Distance Column to Spindle (in.) | 7-1/2 | 7-1/2 | 10-1/2 |
| Number of Speeds | 16 | 16 | 12 |
| Range of Spindle Speeds (RPM) | 200, 290, 350, 430, 500, 580, 640, 720, 800, 870, 1440, 1630, 1820, 2380, 2540, 3630 | 200, 290, 350, 430, 500, 580, 640, 720, 800, 870, 1440, 1630, 1820, 2380, 2540, 3630 | 150, 260, 300, 440, 490, 540, 1150, 1550, 1840, 2220, 2950, 4200 |
| Spindle Travel (in.) | 3-3/8 | 3-3/8 | 4-3/4 |
| Spindle Distance to Base (in.) | 24 | 48 | 43-1/2 |
| Spindle Distance to Table (max./in.) | 15-1/2 | 24 | 24 |
| Table Size (in.) | 11-1/2 x 11-1/2 | 11-1/2 x 11-1/2 | 18-1/2 x 16-1/2 |
| Table Travel (in.) | 15-1/2 | 24 | 21-1/2 |
| T-Slots Number and Size (in.) | N/A | N/A | 3 x 1/2 |
| T-Slot Centers (in.) | N/A | N/A | 4 |
| Work Table Weight Capacity (lbs.) | 44 | 44 | 66 |
| Spindle Taper | MT-2 | MT-2 | MT-3 |
| Base Dimensions (LxW/ in.) | 18 x 10-1/2 | 11 x 19-1/2 | 22-3/4 x 17-3/4 |
| Base Work Table (in.) | 8 x 8 | 7x 7-1/2 | 13 x 14-1/2 |
| Motor | 3/4HP, 115V, 1Ph, | 3/4HP, 115V, 1Ph | 1 HP, 115/230V, 1Ph, Prewired 115V |
| Overall Dimensions (in./ LxWxH) | 31 x 13 x 39-1/2 | 31 x 13 x 63 | 33-1/2 x 18-1/2 x 67 |
| Net Weight (lbs.) | 157 | 167 | 304 |

20" FLOOR DRILL PRESS

This JET 20" Floor Drill Press is designed to allow rapid change of spindle speed, and comes equipped with a rotating and tilting crank-operated worktable with quick-release clamps. Machinists can put this Drill Press through the paces and receive superior results time after time. High-quality manufactured parts ensure long life.



FEATURES

- Hinged metal belt and pulley cover coupled with quick adjustment motor mount allow rapid changing of spindle speeds
- Rotating, 45° tilting, crank-operated worktable with quick release clamp
- On/off switch located on front of the drill press head
- A 1/2" diameter external positive depth stop with three nut locking feature for quick adjustment
- Adjustable tension spindle return spring
- Spindle is supported by high quality ball bearings
- Built-in work lamp on all models, bulb not included
- Drill chuck and key included



LARGE CAST IRON HEAD WITH EASY TO USE SPIDER HANDLE



1/2" DIAMETER EXTERNAL POSITIVE DEPTH STOP

| STOCK NUMBER | 354170 |
|-------------------------------------|--|
| Model Number | JDP-20MF |
| Drills to Center Circle (in.) | 20 |
| Drilling Capacity Cast Iron (in.) | 1 |
| Drilling Capacity Mild Steel (in.) | 3/4 |
| Column Diameter (in.) | 3-3/8 |
| Distance Column to Spindle (in.) | 10 |
| Number of Speeds | 12 |
| Range of Spindle Speeds (RPM) | 150-4200 |
| Spindle Travel (in.) | 4-5/8 |
| Spindle Distance to Base (in.) | 46-3/4 |
| Max Distance Spindle to Table (in.) | 29-1/8 |
| Table Size (in.) | 18-1/2 x 16 |
| T-Slots Number and Size (in.) | 6 & 1/2 |
| T-Slot Centers (in.) | 3-1/2 |
| Work Table Weight Capacity (lbs.) | 80 |
| Spindle Taper | MT-3 |
| Base Dimensions (in./ LxWxH) | 13-3/4 x 22-3/4 |
| Base Work Table (in.) | 13 x 8-1/2 |
| Base Slots Number & Size (in.) | 2 & 5/8 |
| Motor | 1-1/2HP, 115/230V, 1Ph (Prewired 115V) |
| Overall Dimensions (in./LxWxH) | 31-1/2 x 18-1/2 x 66 |
| Net Weight (lbs.) | 282 |

15" 6-SPEED DRILL PRESS

JET's heavy-duty 6-speed Step Pulley Drill Press are manufactured with the weight and rigidity to maintain the tight tolerances required of metalworking applications. The oversized, massive drill heads have widely spaced bearing surfaces for full quill support throughout its travel. JET included a wider range of operation speeds for drilling both small and larger holes with quick and easy speed changes.



FEATURES

- Constructed to provide a solid base for drilling
- Offers a greater range in spindle speeds than others in this class
- Larger quill provides greater accuracy
- Large production work table gives the operator the room to work and support for the job
- 3" Column for head support, while the quill is also supported to lessen deflection

STANDARD EQUIPMENT

- 1/2" Drill chuck and arbor
- Drill chuck guard



LARGE PRODUCTION WORK TABLE



3" COLUMN FOR HEAD SUPPORT

| STOCK NUMBER | 354500 |
|-------------------------------------|-----------------------------------|
| Model Number | J-A3816 |
| Drills to Center Circle (in.) | 15 |
| Drilling Capacity Cast Iron (in.) | 5/8 |
| Drilling Capacity Mild Steel (in.) | 1/2 |
| Column Diameter (in.) | 3 |
| Distance Column to Spindle (in.) | 15 |
| Range of Spindle Speeds (RPM) | 375, 625, 1125, 1950, 3400, 5000 |
| Spindle Travel (in.) | 6 |
| Spindle Distance to Base (in.) | 44-1/2 |
| Max Distance Spindle to Table (in.) | 25-3/4 |
| Table Size (in.) | 15 x 18 |
| Table Travel (in.) | 16-3/4 |
| T-Slots Number and Size (in.) | 2 & 1/2 |
| T-Slot Centers (in.) | 5-5/16 |
| Work Table Weight Capacity (lbs.) | 90 |
| Spindle Taper | MT-2 |
| Base Dimensions (LxWxH/ in.) | 20-7/8 x 14-3/16 x 3-1/8 |
| Base Work Table (in.) | 12-1/8 x 1-13/16 |
| Base Slots Number & Size (in.) | 2 & 1/2 |
| Motor | 1HP, 115/230V, 1Ph, Prewired 115V |
| Overall Dimensions (in./ LxWxH) | 30 x 20 x 71 |
| Net Weight (lbs.) | 394 |

ACCESSORIES

JET designs all our Drill Presses for optimal use, but we know your job requires flexibility and versatility. A complete line of accessories are available to ensure your JET Drill Press is equipped to do exactly what you need, when you need it.



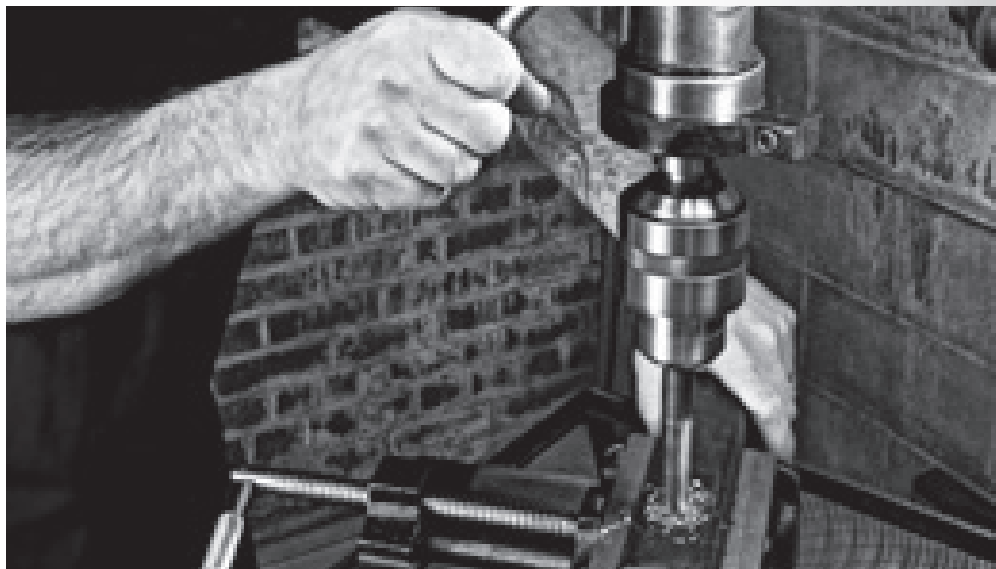
TAPER MOUNT DRILL CHUCKS

FEATURES

- All components are heat-treated high grade alloy steel
- Chuck jaws are precision fitted to withstand 115 PSI of torque
- All models meet JIS specifications: B4634E



| STOCK NUMBER | TDC-375 | TDC-500 | TDC-501 | TDC-625 | TDC-750 |
|----------------------|---------|---------|---------|-----------|-----------|
| Model Number | 561702 | 561704 | 561706 | 561708 | 561709 |
| Capacity (in.) | 0 - 3/8 | 0 - 1/2 | 0 - 1/2 | 1/8 - 5/8 | 1/8 - 3/4 |
| Taper Mount | JT-2 | JT-6 | JT-33 | JT-3 | JT-4 |
| Body Diameter (in.) | 1-15/32 | 1-5/8 | 1-25/32 | 2-3/16 | 2-7/8 |
| Overall Length (in.) | 2-3/8 | 2-31/32 | 3-1/8 | 3-11/16 | 5 |



DRILLING HELPFUL INFO

JET WANTS TO MAKE YOUR JOB EASIER BY PROVIDING BASIC AND HELPFUL INFORMATION ON ALL OF OUR DRILLING MACHINES AND ACCESSORIES, AS WELL DRILLING IN GENERAL.

OVERVIEW

Drilling machines or drill presses are one of the most common machines found in the machine shop. A drill press is a machine that turns and advances a rotary tool into a workpiece. The drill press is used primarily for drilling holes, but when used with the proper tooling, it can be used for a number of machining operations. The most common machining operations performed on a drill press are drilling, reaming, tapping, counterboring, countersinking, and spotfacing.

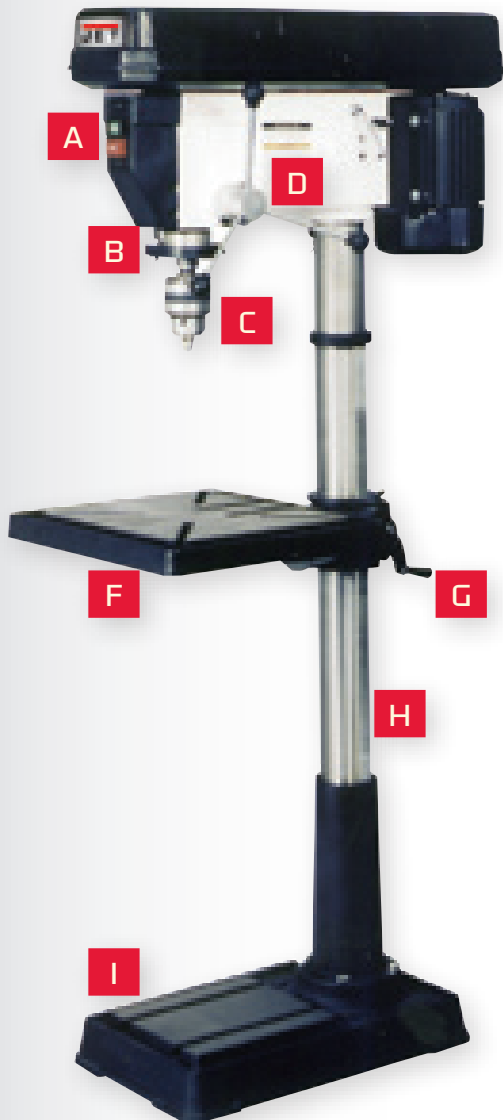
There are many different types or configurations of drilling machines, but most drilling machines will fall into four broad categories: upright sensitive, upright, radial, and special purpose.

Basically the parts of a drill press are a base, table, column, spindle and drill head. And it drills holes accurately and consecutively. This is because of the spindle's perfect alignment in proportion to the table.

COMMON DRILL TERMINOLOGY

- A** STOP & START BUTTONS
- B** SPINDLE
- C** DRILL CHUCK
- D** HAND FEED LEVER
- E** MOTOR
- F** TABLE
- G** TABLE CLAMP
- H** COLUMN
- I** BASE





HOW TO MEASURE A DRILL PRESS

A drill press is not measured for height, but capacity. The dimensions to consider are the chuck size, the distance between the drill chuck and table and the distance from the spindle center to the support column.

Note: The measurement of twice the swing is the size of the drill press. Example: A drill press with 6" swing is a 12" Drill Press. The swing is double to show the largest circle a machine drills to center.

