

JET 16-32 Plus Drum Sander

The JET 16-32 Plus Drum Sander elevates the primary woodworking tasks of sanding from long and slow to short and fast, one may even venture to say fun. The JET 16-32 Plus Drum Sander can transform your work from machined quality lumber to a finish quality project of all shapes and sizes. The open-ended design enables the JET 16-32 Plus Drum Sander to handle boards up to 32" in width but has an overall footprint of only 35"-wide by 24 3/4"-deep and 48"-tall.



The JET 16-32 Plus Drum Sander has the power, durability and accuracy you need.

The generous use of heavy-duty components insures the durability and long-term accuracy of the JET 16-32 Plus Drum Sander. Its 164-lb weight is testament to that durability and the stability of the JET 16-32 Plus Drum Sander. That attention to said quality and durability allows JET to offer a full 5-year warranty on the JET 16-32 Plus Drum Sander.

Capacity



Being able to sand wood from 3"-thick down to 1/32"-thick gives the JET 16-32 Plus exceptional versatility.

The unique design of the JET 16-32 Plus Drum Sander provides ample capacity to handle small and large jobs with ease. One can sand material up to 3"-thick, as thin as 1/32" and anywhere in-between. Unlike planers which often have a minimum length requirement of a foot or more, the JET 16-32 Plus Drum Sander can safely handle pieces as short as 2 1/4". The open frame design also lets you sand pieces up to 32"-wide by making two passes. An easy to use camber adjustment makes it easy to prevent "witness marks" when making two passes on wide boards.

The infinitely variable feed rate and the wide range of sanding grits available make a great team allowing the JET 16-32 Plus Drum Sander to handle fast rough work or fine sanding on any species of wood. The generous, stable conveyor platform makes truing material very accurate while smoothing the surface at the same time.

Power and Control

The JET 16-32 Plus Drum Sander actually has two high quality motors. A 1 1/2HP, (rated using continuous duty cycle) 1 phase, 110V, 14 amp spins the sanding drum at a consistent 1725 RPM while a direct drive 43-in.-lbs torque motor drives the conveyor belt separately.

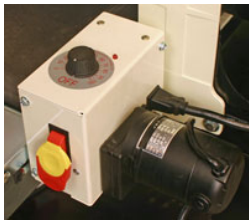


Twin motors provide the sanding power you need along with fine control of the conveyor.

Both are TEFC (totally enclosed fan cooled) motors designed to operate in a potentially dusty environment.

A safety keyed On/Off switch with overload protection controls the sanding drum and is front-mounted for operator's convenience. An infinitely variable-speed control on the conveyor belt produces the ultimate finish at a rate from 0 to 10 feet per minute.

Intelligent Conveyor



The infinite variable conveyor speed control is augmented by our exclusive Sandsmart™ technology that helps to prevent burning of the wood or abrasive.

The tough conveyor belt provides a 21 3/8"-long by 16"-deep surface that supports and moves the wood beneath the sanding drum. That generous surface makes working with most stock sizes easy and accurate. We also offer extension tables (See the Accessories section) for larger work.

Having total control over the depth of cut, feed rate and grit makes the JET 16-32 Plus Drum Sander exceptionally flexible. We also added our Sandsmart™ control that continuously monitors the load on the drum and automatically regulates the speed of the conveyor motor to maintain the highest feed rate while reducing burning of the wood or abrasive. A red light near the conveyor speed dial lets you know when the Sandsmart™ has taken over.

Patented conveyor belt TRACKERS™ eliminates the need for manual belt adjustments. Independent tracking adjusters on either side of the conveyor are easily accessible and simple to use should tracking adjustments become necessary. For example, a new conveyor belt may need slight tracking or tensioning adjustments after it breaks in.



Easy to use belt adjusters make compensating for belt stretch simple, fast and tool-free.

A precision-flattened reinforced steel conveyor bed holds the stock flat during sanding. A reliable no-give power feed belt insures a consistent, smooth sanding action to provide the finest results.

Precision Drum



The drum is specifically designed for smooth running and the dissipation of heat.

At the heart of the JET 16-32 Plus Drum Sander is the sanding drum. This 5"-diameter by 16"-long precision-machined and balanced extruded aluminum drum is self-cooling to help prevent heat-related damage of the wood or sanding strip under load. The sanding drum turns on sealed and permanently lubricated 1"-diameter ball bearings that insure a long, smooth operating life.



Drum height and downward roller pressure are user adjustable to

virtually eliminate snipe.

Patented abrasive take-up fasteners within the drum make changing abrasive strips quick and easy. To make installing sanding strips easier we offer the TufTool™ (#98-0060) as an accessory that makes operating the take-up fastener even easier. Ready-To-Wrap™ (pre-cut) abrasive strips in a wide range of grits are available with which to fine-tune the JET 16-32 Plus Drum Sander to best fit your sanding needs.



The optional TufTool™ (left) makes operating the take-up clip for the sanding strip easy. The large crank (right) changes the height of the sanding drum and makes tiny cut depth changes easy to make with precision.

A large hand crank (with spinner knob) on top of the JET 16-32 Plus Drum Sander adjusts the height of the drum over the table controlling the actual cut depth. Each full turn of the crank produces 1/16" of height change for precise sanding thickness control. A handy scale keeps track of the current depth setting.



The 4"-diameter dust port molded into the upper shroud helps evacuate most of the dust.

Dust Port

The hinged top cover has a 4"-diameter dust port molded in. When connected to a good dust collector like the JET DC1100 this system evacuates virtually all of the considerable amount of dust the JET 16-32 Plus Drum Sander is capable of making.

Accessories

Infeed/Outfeed Tables

If you frequently work with large pieces of wood we offer a set of steel infeed outfeed tables. (#98-1601) Each table is 16 3/4"-wide and 10"-deep and expands the JET 16-32 Plus Drum Sander supporting surface to over 42"!

The extension tables bolt directly to the JET 16-32 Plus Drum Sander using easy to adjust brackets. Bolt them up, set them level to the conveyor table and they are ready to support your oversized material.



The optional extension tables expand the supporting area to over 42"! The tables come with easy to install and set up brackets.

Casters

Locking Casters (#98-0130, set of 4) are available for the open leg stand to make moving the JET 16-32 Plus Drum Sander around the shop effortless. Each caster has an effective, foot-operated lock to keep the JET 16-32 Plus Drum Sander stable during use. The large polyurethane-covered wheels roll smoothly across most shop floor surfaces without leaving marks.



Full swivel, locking casters are available that make moving the JET 16-32 Plus virtually effortless.