

JET 22-44OSC Oscillating Drum Sander

The JET line of drum sanders have been woodworking favorites for years because of their ability to sand pieces of virtually any shape, short, long, thick, thin and wide pieces, making all of them ultra flat with parallel sides in the process. Now, the JET 22-44OSC Oscillating Drum Sander adds horizontal oscillation to that process. The result is a remarkably smooth surface, free of even small lines straight-line sanding can leave.

Power and Capacity



The strong, 1-3/4HP motor drives the sanding drum while a special DC-powered motor provides variable speeds to the conveyor belt.

maximum length is up to you but the JET 22-44OSC Oscillating Drum Sander can sand pieces of virtually any shape and down to only 2-1/4"-long!

Precision Sanding Drum

The JET 22-44OSC Oscillating Drum Sander features a 22"-wide, 5"-diameter extruded aluminum drum. That drum is precisely machined, balanced and supported on both ends by sealed, permanently lubricated ball bearings to prevent vibration and insure a long life. The drum assembly is mounted in an exceptionally strong arm for superior strength and rigidity. This arm assembly



The JET 22-44OSC Oscillating Drum Sander makes this proven design even better at refining the surfaces of your projects.

The JET 22-44OSC Oscillating Drum Sander uses our powerful 1-3/4HP, 1Ph, 115V (only) motor to drive the sanding drum. Our motors are rated using a continuous duty cycle that provides an accurate indication of the power available in use, not in spikes such as "peak" or "max developed" claims. A separate motor described in the Conveyor section below powers the conveyor.

The JET 22-44OSC Oscillating Drum Sander has a large capacity range to handle all of your sanding tasks. It can sand pieces up to 44"-wide in two passes. Even more remarkable is that it can handle pieces up to 4"-thick but as thin as 1/32"!



The sanding drum is precisely machined and balanced and then mounted in an exceptionally rigid arm to assure consistent accuracy.



The sanding strip is retained on each end by these specially-designed clips. The inboard clip applies tension to the belt and we include our special TufTool™ that makes operating that clip easier.

standard dust collector hose (without adapters) to keep the shop cleaner and extend the life of the abrasive. We recommend a 500-CFM (cubic feet per minute) minimum dust collector capacity.

Oscillating Feature

A pushbutton switch (operated only when the machine is Off) engages or disengages the oscillating feature. The oscillating mechanism moves the drum assembly left and right through a 1" range of travel that eliminates lines that can be created by the abrasive. This oscillation feature helps in three ways. First to dissipate heat and protect the work piece, second it prolongs abrasive life, and third it provides a superior finish with no additional sanding required.



The oscillating feature is turned on and off with this button, but only when the machine itself is turned off!

Conveyor Belt/Table



Being open ended the conveyor (left) and drum can sand pieces up to 44"-wide in two passes! The belt tensioning adjusters (right) have captured wrenches so you never have to find one to make this quick adjustment.

A 43 inch-lb DC motor drives the conveyor belt. Using this special DC-powered motor allows us to incorporate our patented SandSmart™ technology as

part of the variable speed control. This infinitely variable feed rate control drives the conveyor at 0 to 10 feet per minute so you can select the exact rate that is best for the job.

The SandSmart™ technology prevents straining the machine by sensing the load on the conveyor and automatically reducing the feed rate to help prevent burning of the wood or the abrasive when the load exceeds safe limits. A light by the speed control dial comes on whenever the SandSmart™ system is engaged.

The conveyor belt features easy to use tension and tracking adjusters. Each adjuster has a built-in wrench captured on the threaded shaft so you never have to look for a tool to make a small adjustment! Plus, our patented conveyor belt TRACKERS™ dramatically reduce the need for manual belt adjustments.

The specially designed, no-give conveyor belt moves over a precision flattened steel bed so the wood is always on a true surface. That means super smooth, consistent sanding for the best possible results.



The variable conveyor speed control has our SandSmart™ technology built into it. When the loads at the sanding drum get to potentially damaging levels, the SandSmart™ system automatically takes over and slows the feed rate as needed.

Drum Height



This large handwheel makes adjusting the drum height easy and very precise.

The scale keeps you posted on the changes being made.

A large, 7 3/4"-diameter cast-iron handwheel adjusts the drum height within its large 4" range. Each full turn of the handwheel changes drum height by 3/32", affording ultra precise sanding thickness control.

A handy height indicator and scale on the main casting keeps you informed about the current sanding height and the amount of change being made. A repositionable pointer lets you make sure this indicator is perfectly aligned.

Enclosed Cabinet



The large, all-steel base cabinet provides exceptional stability for the JET 22-44 Oscillating Drum Sander.

The large door reveals a large storage area.

The JET 22-44OSC Oscillating Drum Sander comes with a large, enclosed steel cabinet. The special shape helps to keep the cabinet out of your way while sanding. The wider cabinet ends give the JET 22-44OSC Oscillating Drum Sander a solid footing for stability during operation.

The base cabinet has a large door that provides easy access to the spacious interior. This cabinet offers lots of storage space for extra abrasive strips and related tools.

The JET 22-44OSC Oscillating Drum Sander offers expansive sanding capabilities, augmented by the new oscillating feature. In addition to the huge range of material sizes it can accommodate, the JET 22-44OSC Oscillating Drum Sander gives you even more power over the quality of the surface finish applied to your projects.