



JET JWBS-14DXPRO Band Saw

To satisfy a common woodworker's desire for increased vertical capacity we designed the JET JWBS-14DXPRO Band Saw to feature a full 12" of resaw capacity without the addition of a riser block. To accomplish this we had to increase the size of the cast iron frame but maintained a full 13-1/2" of blade to column clearance while increasing the structure to insure rigidity.

Incorporating the riser block height into the frame eliminates the awkward task of installing a riser block and often relocating or routing the electrical cords and switch. Another benefit of building the additional vertical capacity is in eliminating concerns about wheel alignment after the riser block was installed. With the JET JWBS-14DXPRO Band Saw you can resaw 12"-tall wood right out of the box!



The motor is mounted directly to the lower saw enclosure (left). That mounting makes adjusting the belt tension or changing blade speeds (right) very easy.

The JET JWBS-14DXPRO Band Saw features a 1.25HP, 1PH 115/230V TEFC (totally enclosed fan cooled) motor that is rated using a constant duty cycle rather than the "peak" or "max developed" figures some

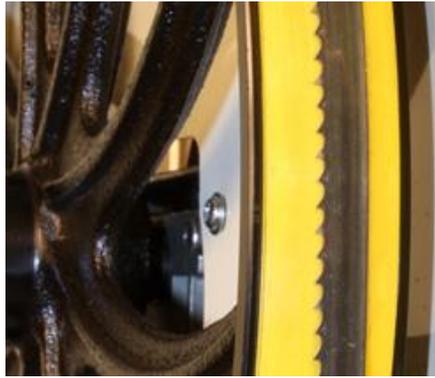
manufacturers continue to use. The continuous duty cycle provides a true representation of the power that is consistently available in normal use, not just in short bursts.

To increase the ease-of-use of the JET JWBS-14DXPRO Band Saw we mounted the motor on the lower cast iron case. That puts the belt tensioning system within easy reach at the lower wheel. This also makes changing between the 1500-FPM (feet per minute) and 3000-FPM speeds much easier. The dual speed range is made possible by the dual range pulley and the highly efficient poly-v belt that transfers the motor power to the blade wheels.

Mounting the motor on the lower saw case lets you make full use of the storage capacity inside the 17-1/4" wide by 15"-deep by 25"-tall base cabinet. This all-steel cabinet has a tough steel door and a secure finger operated latch.



The spacious base cabinet is free for storage use.



Precision cast, machined and balanced cast iron wheels (left) keep this saw running smoothly. The polyurethane tires are super tough and colored bright yellow to make seeing the blade easier.

The JET JWBS-14DXPRO Band Saw is equipped with a pair of precision cast iron wheels that have been machined and balanced to exacting tolerances to eliminate vibration. Both blade wheels are mounted on high

quality, sealed ball bearings that keep them running smooth, true and with minimum frictional power loss.

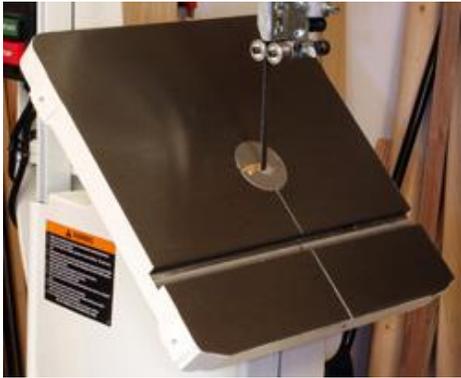
Both wheels are fitted with high quality polyurethane tires that are known to resist wear and retain their critical shape. They also resist stretching which also increases their useful life considerably. The tires are colored yellow to help make the blade more visible when setting tracking. We also added a “window” in the front edge of the upper cabinet that lets you see the tracking as you make the adjustment!



Blade tension adjustments and tension release (left) are easy to operate. The see-through window (right) in the upper door lets you monitor blade tracking changes with the doors closed!

The JET JWBS-14DXPRO Band Saw also features an easy to use system for applying precise levels of tension to the blade. A spring loaded follower is moved up and down with a top-mounted knob to set the tension according to markings on the casting surrounding the spring. We also added a quick, single-lever system for relaxing the blade tension when the saw is not in use. When engaged this lever applies the full tension as set but in the relaxed position, frees the blade sufficiently for changing. This extends the life of the blade, tires and wheel bearings.

A spacious, 15” by 15” cast iron table supports even large workpieces for accuracy and safety. The table surface is precision ground to be flat and to make handling the wood during cuts easier. The table tilts up to 45-degrees to the right and 10-degrees to the left to handle all of your bevel-cutting needs. An easy to use bevel scale is located just above the operator’s side table locking



The spacious 15" by 15" cast iron table is precision ground flat. The table tilts to 45-degrees right and up to 10-degrees left.

knob. The table comes with a machined miter slot along with pre threaded bolt holes for installation of the optional fence system.

The table is split for blade changing and uses a simple tapered pin to insure alignment of the table surfaces during use. A removable round aluminum throat insert both supports the wood at the blade and concentrates dust extraction at the blade.

The JET JWBS-14DXPRO Band Saw features high-quality upper and lower roller bearing guides. We chose oversized, sealed ball bearings to achieve precise blade control along with smooth performance and long life of

the bearing guides and blades.



The JWBS-14DXPRO Band Saw features easy to adjust sealed ball bearing roller guides (left) above and below the table. The upper post is very rigid and moved up and down with a super smooth rack and pinion drive that has virtually no free play to make adjusting it perfectly for the material very easy.



The guides are designed to be easily adjusted with finger operated controls wherever possible. The guide bearings to either side of the blade are

mounted on eccentrics that allow precise adjustments when turned with a hex wrench.

The upper guide post is operated by a true rack and pinion drive that moves the post smoothly unlike the cheaper drives that can drop unexpectedly when the locking knob is loosened. While adding this rack and pinion system we also beefed up the post itself to insure its rigidity and to insure accurate cuts because of superior blade stability. The post is locked in position with a finger-operated knob next to the post control.

Along the operators' side of the post is a handy inch/metric scale that lets you set the height very quickly. A full-length multi-piece blade guard deploys automatically as the post is raised or lowered.



The JET JWBS-14DXPRO Band Saw has a 4”-diameter dust port cast into the lower iron case section. Locating the dust port on the blade path directly below the



table maximizes its efficiency when connected to a good dust collector. We also install a dust brush that cleans the lower wheel as it turns to reduce dust transfer to the upper cabinet and throughout the blade circuit.

The 4”-diameter dust port is cast into the lower saw housing (left) and located on the blade path right under the table for maximum effectiveness. We add a dust brush on the lower wheel (right) to help confine dust to the lower cabinet where the collection is operating.

table maximizes its efficiency when connected to a good dust collector. We also install a dust brush that cleans the lower wheel as it turns to reduce dust transfer to the upper cabinet and throughout the blade circuit.

The JET JWBS-14DXPRO Band Saw has been designed and built to handle the needs of even busy woodworking shops. Its durability and features – including the standard 12” resaw capacity – make the JET JWBS-14DXPRO Band Saw an outstanding value that will serve you well for many years to come.

Accessory Fence



This accessory fence gives the JET JWBS-14DXPRO Band Saw even more capability. It is easy to install and features an extruded aluminum fence (left) and a handy resaw post. (right)

We offer the JFR-14R Deluxe Rip Fence with Resaw Post to enhance the capabilities of your JET JWBS-14DXPRO Band Saw. This fence system is a bolt-on addition that

takes just minutes to install.



The JFR-14R Deluxe Rip Fence features a 19-5/8"-long by 2-3/8"-tall extruded aluminum fence rail. This rail is square for rigidity and to make clamping shop-made fixtures easy. This is a t-square type fence with a single locking handle that makes setup very quick.

We include a 3-1/8"-tall rounded resaw post that mounts directly to the fence. The fence has a slot that allows installing the resaw post so that it aligns with the cutting teeth on any compatible blade width.

The all steel rails include a guide tube with a double scale showing the overall 15" capacity of the JFR-14R Deluxe Rip Fence system. The scale has both a regular fence-to-blade scale and a resaw scale that is used when the included resaw post is installed.



The scale on the fence rail shows both normal fence-to-blade markings but also has a second scale that shows blade to resaw post distance!