



JET Deluxe XACTA Saw

Our 10" JET Deluxe XACTA Saw is a high-performance cabinet saw with a full range of high-end, innovative features. While designing the JET Deluxe XACTA Saw, safety, ease of use, performance and accuracy were primary goals. The JET Deluxe XACTA Saw is available with 3 HP - 230V - 1Ph, 5 HP - 230V - 1 Ph or 5 HP - 230V - 3 Ph, all with 30" or 50" JET XACTA-FENCE II systems in the popular left tilt configuration.



The JET Deluxe XACTA Saw is full of high-end features and engineering.

Under the Table



Our wide-stance, cast iron mechanism is designed to be super stable and smooth operating.

The JET Deluxe XACTA Saw features a large, finely ground 29" by 42" cast iron table (with extensions) that provides plenty of work surface for the large jobs, including 10" of clear table in front of the fully raised blade. Under the table is our heavy duty, wide stance cast iron trunnion mechanism which is the heart of the saws remarkable performance, stability and nearly vibration-free operation. Thus, making the JET Deluxe XACTA Saw one of the most accurate, versatile and smoothest-running cabinet saws available.

The operating mechanism is mounted directly to the all-steel cabinet. This makes aligning the miter slot in the cast iron table with the blade as easy as loosening four hex head cap screws, accessible from the outside under the table corners. Bump the table into alignment and then retighten the screws. There is no easier or more accurate way of making this crucial adjustment. This alignment system is also extremely secure and requires realignment much less frequently than most other designs. To get you started, the table is aligned at the factory to very tight tolerances and those specs along with other critical tolerances are recorded on an inspection sheet that is included with each JET Deluxe XACTA Saw.



Smooth-operating, precisely machined worm gears handle blade height and bevel adjustments.



Heavy cast iron handwheels with all-steel locking pins make precise adjustments easy.

The blade height and bevel changes are made using a pair of heavy, 8" diameter, cast iron handwheels (with spinner handles) that operate precisely machined worm gear drives. Bevel and blade height adjustments are precise, effortless and designed to remain smooth after years of use. Even the locking pins at the center of each handwheel are all steel and precision-machined so that when they are applied there is no creep or change to that setting.



The JET Deluxe XACTA Saw is a left-tilt machine, meaning the blade tilts away from the fence. When cutting bevels this allows the scrap to fall freely onto the table and prevents your work piece from becoming trapped between the fence and the blade insuring safer, burn-free cuts. This puts you in full control of the major piece, insuring the finest possible cut quality.

The throat plate is 15 5/16"-long by 4 1/4"-wide and provides plenty of access for changing blades and working with our high-tech modular riving knife and blade guard assembly. The standard throat plate insert included with the JET Deluxe XACTA Saw is designed to function with an 1/8" kerf blade at all available angles with the riving knife in place, enhancing safety and performance.

Cabinet



A sealed drawer (left) makes use of often lost space in the lower portion of the cabinet. Hangars (right) provide a safe, out of the way place to store the miter gauge and fence when not in use.



adjustments and can be easily removed for additional access. When closed, the door enhances dust collection.

A sealed drawer reclaims the often-wasted space in the lower portion of the cabinet. This drawer provides handy, clean storage for frequently used tools and accessories. We also included storage hooks on the side of the cabinet for the miter gauge and rip fence when they are not in use.



The standard throat insert plate (left) is designed to work with the full blade guard assembly in place. The Dado insert plate (right) is available as an accessory and accommodates most stacked dado sets at a full 13/16" width.

An all-steel cabinet encloses the mechanics of the JET Deluxe XACTA Saw. It also provides an incredibly stable platform for the saws massive weight. A newly designed hinged curved steel door covers the motor on the side of the JET Deluxe XACTA Saw cabinet. This door provides good access for cleaning the cabinet interior or making

Power and Control

The 3HP motor (power rated based on continuous duty cycle) is rigidly mounted directly to the under-table mechanism. Power is delivered to the blade through a pair of precisely machined pulleys and a super-efficient Poly V-belt. The Poly-V Belt design is known for

smooth power delivery, resistance to slipping and very low heat generation because of its thin cross section and high surface area contact at the pulleys as compared to common v-belt designs.

The JET Deluxe XACTA Saw is fully wired internally including the industrial magnetic On/Off switch. This style switch protects the motor from dangerous power fluctuations. It also prevents the JET Deluxe XACTA Saw from restarting unexpectedly should the power fail and then come back on. The operator must press the On button again to restart the saw after power is restored.



JET motors (left) are rated for continuous duty cycle, no “peak” or “max developed”. This rating insures you get all of the power listed! The magnetic switch, (right) while costly does a lot to protect the motor and you when the power becomes unstable.

The JET Deluxe XACTA Saw wiring terminates at a junction box on the rear of the cabinet. That makes it easy to install the appropriate cord/plug combination for your existing shop wiring or to hardwire it to a suitable power source and shut-off switch.

Full Arbor & Easy Blade Changing



The pushbutton arbor lock and offset wrench make changing blades easy and safer.

The JET Deluxe XACTA Saw features a full-length 5/8”-diameter arbor designed to accept most stacked dado blade sets at up to 13/16”-widths. The arbor is supported on both sides of its cast iron mount by high-quality, sealed ball bearings to insure accurate, smooth, and trouble-free operation for many years to come.

To simplify blade changing we added a push button type arbor lock. Not having to jam the blade with a scrap of wood to loosen or tighten the nut eliminates just one opportunity for damaging the blade, or your



hands. To remove or install a blade on the JET Deluxe XACTA Saw simply push the arbor locking button and use the included wrench that is formed with an offset that helps keep your hand away from the cutting edges of the blade.

Modular Guard & Riving Knife

The JET Deluxe XACTA Saw comes with a high-tech modular blade guard, anti-kickback pawl and riving knife assembly that helps keep you safe in a wide range of situations other designs are not capable of. The versatility of this system lets you work safer and more efficiently.

The blade guard features independent side panels (leaves) capable of rising individually or together depending on the wood passing below them. When making narrow or trim cuts, one panel can remain flat on the table while the other rises as the wood passes beneath it. That affords an extra margin of safety while enhancing dust collection above the table. Both side panels can be rotated up out of the way for measurements or aligning a cut line. The entire blade guard can be flipped up out of the way for blade changes. When necessary, the blade guard and anti-kickback assemblies can be quickly removed from the



The independent “leaves” on the blade guard allow one to ride up on the wood and the other to remain flat on the table during narrow cuts to contain more debris and enhance dust collection.



The quick-release mount for the riving knife follows the blade so critical alignments remain constant.

riving knife using push-button releases on their mounts. The riving knife itself can be removed and then re-inserted just as quickly by operating the release lever at its mount.

The riving knife assembly is mounted to the same casting as the blade arbor so it remains perfectly aligned through height and bevel changes. That also means the critical spacing between the blade and riving knife remains constant at all times to greatly reduce the chances of kickback for maximum safety. With a typical splitter this spacing is constantly changing depending on the height of the blade. This change in spacing is a leading cause of kickback. A riving knife greatly reduces this risk.

Internal Dust Collection

The JET Deluxe XACTA Saw makes use of the fully enclosed cabinet with a specially designed shroud that encloses the lower portion of the blade. A 4”-diameter flex hose connects that shroud to a 4” diameter exterior dust port on the rear of the cabinet. When teamed with a capable dust collector such as the JET DC1100 series, this is a highly efficient system that dramatically reduces the amount of dust escaping



A 4”-diameter flex hose connects the internal shroud to the 4”-diameter external port.

above and below the table!

Like the riving knife, the dust shroud is mounted to the same cast iron boss as the blade. That means it “follows” the blade through height and bevel changes to maintain maximum effectiveness. We also offer as accessories the following riving knives - #708682 - thin-kerf riving knife, #708683 - low profile standard kerf riving knife, #708684 - low-profile, thin-kerf riving knife.

JET XACTA-FENCE II Commercial

Our JET XACTA-FENCE II, available in 30” and 50” capacity versions enhances accuracy, performance and safety. The JET XACTA-FENCE II is based on the highly regarded T-square design but uses high quality materials and manufacturing processes to create an exceptionally accurate, durable and easy to use fence system.



The JET XACTA-FENCE II uses high-end materials that are precisely welded to make a tough, accurate fence system. The T-square head (right) has simple adjuster screws and an adjustable magnified cursor built in. The locking mechanism is made from powdered metal parts for extended durability.



The JET XACTA-FENCE II is built using heavy steel components that are precision welded to insure accuracy and long-term durability. Even the locking mechanism parts have been given special attention and made using a high-tech powdered metal process. Though considerably more expensive, the powdered metal process creates exceptionally accurate and durable parts.

The T-square head has easy-to-use adjusting screws for squaring the faces to the table surface and the fence face to the miter slots. Both adjustments are important and easy to make, plus they stay adjusted for a long time! An adjustable, magnified cursor lens in the T-square head makes reading the factory applied scale tape easy and accurate.

In place of the common laminate-covered wood materials, the JET XACTA-FENCE II fence faces are made from a pair of ¾”-thick HDPE (high density polyethylene) slabs. HDPE is very rigid, flat and has exceptional lubricity properties that allows wood to slide along the faces easily and predictably. The faces can be adjusted vertically to ride just above the table or flush with the surface, whichever is safest for the job at hand or your preference. Oversized access holes along the underside of the JET XACTA-FENCE II make reaching the fasteners that secure the HDPE fence faces easy.

Miter Gauge

The JET Deluxe XACTA Saw comes with a full-featured miter gauge. Its 17 3/4"-long bar follows the miter slot smoothly and accurately. A disc at the bars leading end engages the T-shaped miter slots and prevents the miter gauge from lifting during a cut.

The miter gauge fence turns to 60-degrees (left or right) and locks easily at any point, including the adjustable presets at 90 and 45-degrees with a twist of the handle.



A full-featured miter gauge is included

Accessories



Our accessory Dado Throat Insert is designed to work with most stacked dado sets at their full 13/16"-widths.

Dado Insert (#708097)

An all-metal dado insert is available for the JET Deluxe XACTA Saw. It features leveling screws and an opening sized to accept stacked dado sets at up to 13/16" widths.

Cutting tenons on a table saw is efficient, especially when there are many to make. Our cast iron Tenoning Jig makes cutting tenons accurate, consistent and very safe. The heavy cast iron base and miter slot follower keeps the Tenoning Jig stable and tracking straight for smooth precise cuts.

The Tenoning Jig is fully adjustable and capable of making angle tenons up to 45-degrees to the side or and front-to-back for maximum versatility. An easy to use screw-type clamp keeps the stock firmly secured for safety and accuracy.

Tenoning Jig (#708295)



The JET Tenoning Jig is made primarily of cast iron to be very sturdy and stable for safety and accuracy. The Tenoning Jig is fully adjustable and makes repeating these cuts safe, fast and accurate.



Mobile Base (#708118 & #708159 extension kit)



The JET Universal Mobile Base Kit, shown here with the Extension Kit, makes moving the JET Deluxe XACTA Saw to the best space in your shop easy and safe.

Being able to move large machines around the shop is important to many woodworkers. Our #708118 Universal Mobile Base and the #708159 Mobile Base Extension Kit make positioning the JET Deluxe XACTA Saw in the best available space in your shop easy. All of the wheels have foot-operated locks to keep the JET Deluxe XACTA Saw stable during use.