

The Onsrud Inverted Router

The Onsrud Inverted Router has become the standard replacement for the conventional overhead router. An Inverted Router is simply more versatile, more accurate, safer and easier to operate. The added flexibility and improved performance alone make the Inverted Router the obvious choice for anyone who has ever used one.

Simplicity of set-up and operation reduces the amount of skill and training required of new operators and pattern makers. Dust control, quietness and ease of operation make work much less tiring when compared with overhead routers. Samples or low volume items can be done more easily and economically. Templates are made right on the machine.

Whether you intend to use your Onsrud Inverted Router for all of your routing, or only for secondary operations after processing on one of our Heavy Duty CNC Routers, the Onsrud Inverted Router is simply an indispensable tool.

There are many benefits to the unique Onsrud Inverted Router design. See the Onsrud videos entitled "The Inverted Router" and "Template Making" for more details.



Quality from top to
bottom - the famous
Onsrud Inverted
Router design.
It's the
ultimate machine!

Model 900 VSX

900 VS and 900 VSX

HEAVY/SEVERE DUTY

APPLICATION

The model 900 VS and 900 VSX are Onsrud's finest Inverted Routers, ruggedly built for continuous production duty under severe conditions for up to 3 shifts per day. Both are capable of plunge routing and profiling both inside and outside cuts in hardwoods, softwoods, man-made woods, non-ferrous metals, aluminum and a variety of plastics and composites. Only the very best components are incorporated into these tough, dependable machines, assuring you many years of precision performance.

CAPACITIES

With the correct tooling and a properly made template these models are capable of cutting up to 1" hardwoods and 2" softwoods in one pass. If desired, the turret style depth stop may be used for cutting material in multiple passes to reduce feeding effort required.

The Onsrud Model 900 VS and 900 VSX give you:

- >Oversized pulleys for better power transmission
- >Extra heavy-duty cutting spindle, precision-machined from special alloy steel for accuracy, rigidity and long life
- >Aircraft grade Precision spindle bearings
- >A replaceable 3/4" chuck assembly
- >Quick-change pulleys (900VS) or Electronic Variable-Speed drive (900 VSX) for the ultimate in precision and convenience. Machine at *exactly* the right rpm for any application!
- >IEC style Magnetic Starter with Overload Protection
- >A totally enclosed, fan-cooled, three phase heavy-duty 10 horsepower motor
- >Pneumatic Spindle Plunge of 0-3"
- >Automatic brake
- >A three position depth stop, infinitely adjustable and conveniently located for quick, easy and accurate setups
- >Instruction manual, template-making video, set-up wrenches, lube gun, and a generous variety of guide pins and collets
- >Toll Free Factory Tech Support
- >CE approved
- >Full one year limited warranty

Standard specifications and requirements 900 Series:

- >Throat depth: 36" (914 mm)
- >Table size: 47" x 31" (1200 mm x 800 mm)*
- >Maximum workpiece / template height: 4" (100 mm)*
- >Dust collection: 500 CFM (2000 m3/h), 4" (100 mm) outlet
- >Compressed air: 80 psi (6 bar), 4 CFM (150 liters/minute)
- >Motor: 10 horsepower, 3 phase
- >Shipping weight: 2000 lbs (907.2 kg)



OPTIONAL EQUIPMENT 900 SERIES MODEL 900 VS

- >Lower depth stop (standard on VSX)
- >1-1/2" overarm riser block (standard on VSX)
- >Infinitely variable speed control (standard on VSX)
- >Vacuum template system (standard on VSX)
- >Table fence



750 SS

OUR MOST POPULAR MODEL

APPLICATION

The Onsrud model 750 SS is a production duty router that can be used, when properly maintained, for up to 3 shifts per day. It is capable of plunge routing and profiling both inside and outside cuts in hardwoods, softwoods, man-made woods, non-ferrous metals, aluminum, and a variety of plastics and composites. The 750 SS is generally best utilized in medium to light-heavy duty routing applications.

CAPACITIES

With the correct tooling and a properly made template this model is capable of cutting up to 3/4" hardwoods and 1" softwoods in one pass. For deeper cuts, the turret-style depth stop may be used for cutting material in multiple passes.

The Model 750 SS gives you:

- >5 horsepower three phase motor (single phase optional, no-electrics optional)
- >20,000 rpm spindle (electronic variable speed available)
- >30"(765mm) throat depth
- >Pneumatic Spindle Plunge of 0-3"
- >Automatic brake
- >A three position depth stop, infinitely adjustable and conveniently located for quick, easy and accurate setups
- >Instruction manual, template making video, set-up wrenches, lube gun, and a generous variety of guide pins and collets
- >Toll Free Factory Tech Support
- >CE approved
- >Full one year limited warranty

Standard specifications and requirements 750 Series:

- >Throat depth: 30" (765 mm)
- >Table size: 36" x 24" (900 mm x 600 mm)*
- >Maximum workpiece / template height: 4" (100 mm)*
- >Dust collection: 500 CFM (2000 m3/h), 4" (100 mm) outlet
- >Compressed air: 80 psi (6 bar), 4 CFM (150 liters/minute)
- >Motor: 5 horsepower, 3 phase, Single phase optional
- >Shipping weight: 1100 lbs (907.2 kg)



OPTIONAL EQUIPMENT 750 SERIES

- >Single phase electrics
- >Delete electrics
- >Infinitely variable speed control
- >Vacuum template system
- >Table fence
- >47" x 31" (1200 mm x 800 mm) oversize work table. (36" x 24", 900 mm x 600 mm standard)



*Machines can be ordered with greater capacity if needed.

500 SS

INTERMITTENT DUTY/ LIGHT PRODUCTION

APPLICATION

The Onsrud model 500 SS is capable of plunge routing and profiling both inside and outside cuts in hardwoods, softwoods, man-made woods, non-ferrous metals, aluminum, and a variety of plastics and composites. The 500 SS is generally best utilized in intermittent duty/light production duty.

CAPACITIES

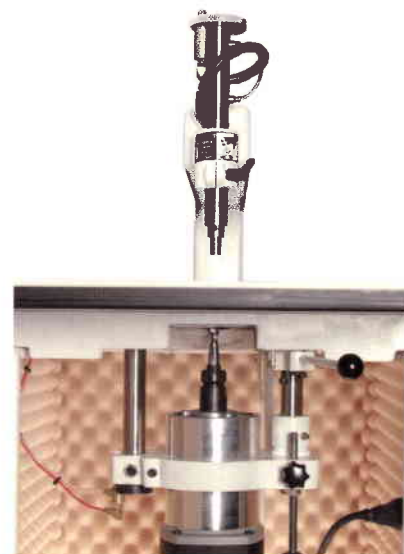
With the correct tooling and a properly made template, this model is capable of cutting up to 1/2" hardwoods and 3/4" softwoods in one pass. For deeper cuts, the turret style depth stop may be used for cutting material in multiple passes. The 500 SS C.R. Onsrud Inverted Router features a cast iron overarm, machine frame and spindle mount, along with hardened steel spindle slides resulting in a rigid, accurate machine. The model 500 SS is built to the same high quality standards as the larger, award winning 900 series Onsruds. The model 500 SS produces better quality work up to ten times faster than with a band saw, scroll saw, or hand router. It is more versatile than conventional table routers. The retracting cutter and guide pin allows easy and fast plunge capability and less cutter exposure. The overhead guide pin means no need for expensive "bearing tools" and their inherent performance and safety problems.

The Model 500 SS gives you:

- >3 horsepower 220 Volt Single Phase motor
- >20,000 RPM Spindle
- >20" (508 mm) throat depth
- >Mechanical Spindle Plunge of 0-3" with foot pedal lock
- >A three position depth stop, infinitely adjustable and conveniently located for quick, easy and accurate setups
- >Instruction manual, template making video, set-up wrenches, lube gun, and a generous variety of guide pins and collets
- >Toll Free Factory Tech Support
- >CE approved
- >Full one year limited warranty

Standard specifications and requirements 500 Series:

- >Throat depth: 20" (508 mm)
- >Table size: 36" x 24" (900 mm x 600 mm)*
- >Maximum workpiece/template height: 4" (100 mm)*
- >Dust collection: 200 CFM (2000 m3/h), 2-5/16" (58 mm) outlet
- >Compressed air: 80 psi (6 bar), 4 CFM (150 liters/minute)
- >Motor: 3 horsepower, Single phase
- >Shipping weight: 420 lbs (190.5 kg)



OPTIONAL EQUIPMENT 500 SERIES

MODEL 500 VS

- >Vacuum template system
- >Table fence