

MODEL

36210

INVERTED
ROUTER™



C.R. ONSRUD



Model 36210-X

Quality from top to bottom and famous Onsrud Inverted Router™ design.

It's the ultimate machine!

Onsrud Inverted Routers™ have set a new standard for versatility, performance and ease of operation. The finest quality work can now be accomplished in less time—without the headaches normally associated with conventional overhead routers.

The model 36210-X is Onsrud's finest machine, ruggedly built to the highest quality specifications. Only the very best components are incorporated in this tough, dependable machine, assuring you many years of precision performance.

Onsrud Inverted Router™ design means—

- Cutter enters workpiece from underneath.
- Pattern and guide pin are on top for easy reference—in full view of the operator.
- Greater stability on the workpiece and cutter, resulting in smoother cuts and easier work.
- Depth register is more accurate using the fixed position of the table as the reference point.
- Workpiece cannot be “pulled” into a spiral bit (the way it can sometimes be pulled into an overhead bit).
- Under-the-table vacuum sawdust and chip removal system works *with* gravity to keep sawdust and chips out of the way – even on deep cuts – eliminating the major cause of bit chatter and burns. It also increases feed rate and tool life.

There are many *other* benefits to Onsrud Inverted Router™ design. See the Onsrud videos entitled “The Inverted Router” and “Template Making” for more details.

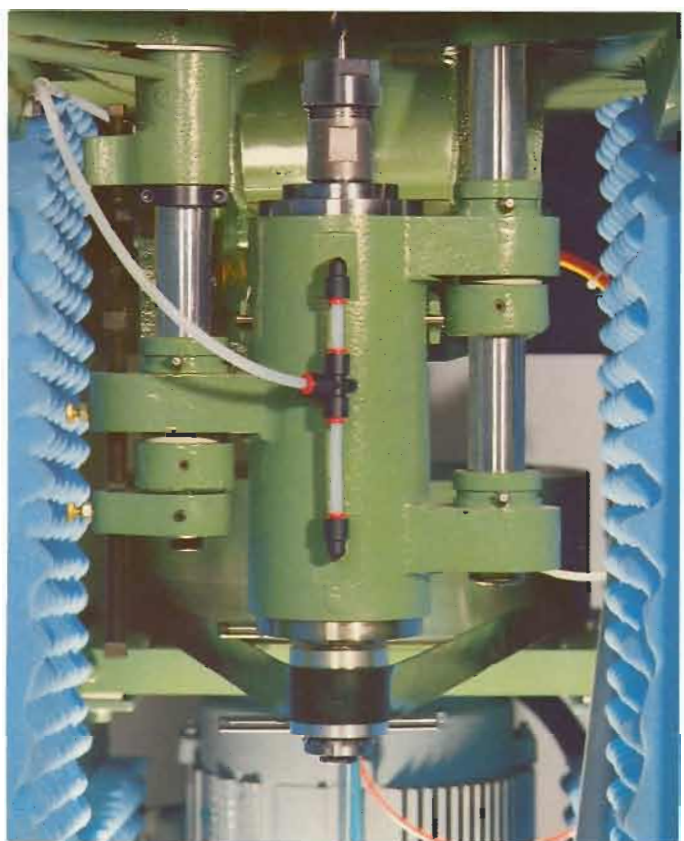
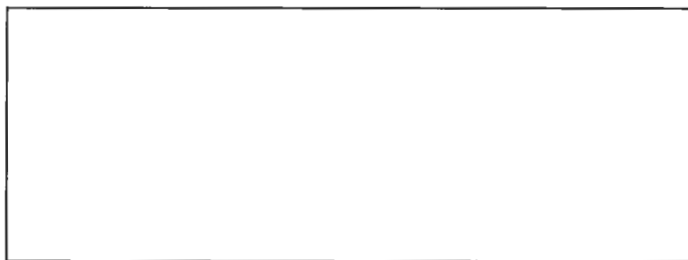
The Onsrud model 36210 gives you –

- Oversized pulleys for better power transmission.
- Precision spindle machined and ground from special alloy steel for accuracy, rigidity and long life.
- Quick change pulleys for the ultimate in precision and convenience. Your operators can machine their pieces at *exactly* the right rpm for any application!
- A *replaceable* 3/4" chuck assembly that allows replacement of a damaged chuck without replacing the whole spindle shaft.

- Automatic shutdown when there is insufficient air pressure to operate spindle lubrication/cooling system.
- Interlocks that require prelubrication of the spindle bearings and appropriate drive belt tensioner setting before the spindle may be started.
- Magnetic starter with adjustable “circuit breaker” type overload protection and switched automatic or manual reset.
- Aircraft grade ABEC 7 Precision “BARDEN” brand spindle bearings rated for 30,000 rpm.
- A totally enclosed, fan cooled, three phase heavy duty 10 horsepower motor for a maximum spindle speed of 25,000 rpm, variable with quick change pulleys or optional “high cycle” solid state drive.
- Spindle travel of 0-3" by pneumatic valve.
- Fog mist lubricated, compressed air cooled extra heavy duty cutting spindle.
- Automatic brake.
- A three position depth stop, infinitely adjustable and conveniently located for quick, easy and accurate setups.
- Set-up wrenches, lubrication supplies, assorted collets and guide pins, instruction manual and template-making video included.
- Guide pins available in any size, U.S. or metric. Self-releasing collets, any size up to 3/4" / 140mm.
- Acrylic-topped phenolic table absorbs cutting vibrations. Operator-position cut-away for greater comfort.
- Full one year limited warranty.
- Direct factory technical support “Hot Line.”

With an Onsrud 36210 Inverted Router™ you can craft intricate patterns in a single pass. A workpiece can be processed at a variety of depths with the tightly secured template always in view for maximum accuracy. The ultimate machine from Onsrud allows you to produce the finest quality work while dramatically increasing the volume your cutting room can handle.

Your Authorized C.R. Onsrud Distributor:



Ordering information and optional equipment

- Model 36210: Standard heavy duty production router.

Optional equipment available:

- Lower depth stop.
- Infinitely variable speed control.
- Vacuum template systems.
- Table fences.
- Air-flotation and oversize tables.

- Model 36210-X: Deluxe heavy duty production router.

Standard equipment includes:

- Lower depth stop.
- Infinitely variable speed control.
- VTS-10CFM Vacuum template system.
- Overarm riser block.

Standard specifications and requirements:

Throat depth: 36" (914 mm)
 Table size: 31.5" x 47.5" (800 mm x 1200 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.)

*Machines can be ordered with greater capacity if needed.