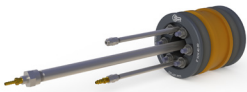
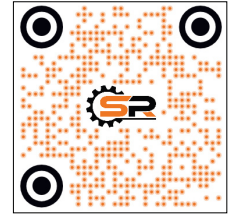




One Company, **Superior** Results.

Superior Portable Machine Tools sells and rents specialty tools and equipment including portable ID/OD flange facers, linear/gantry and rotary mills, end prep bevelers, isolation and weld test plugs, auto bore welders, and line boring machines. In addition, we provide tools and machinery for the production and maintenance of heat exchangers, condensers, and boilers; custom engineered equipment and tools for specific applications; as well as custom and standard tool bits and precision grinding and tooling services.



Weld Isolation & Testing

- Test and isolation plugs from 3/4" - 42" including newly designed 3/4" - 2" sch. 160 single stem tools
- Provides an isolation barrier and creates a safe working environment when performing field maintenance
- Double Block and Bleed tools available with certified gauges, pumps, and piping
- Grip-type DBB allows end user to have 1500 psi back-pressure rating in case of failure
- Custom design-build available for any size, job, or specific application



Aggressive Split Frame / Pipe Cutting

- Portable pipe lathes designed to simultaneously sever and bevel in-line pipe and form an angle bevel
- Engineered to cut, bevel, counter-bore, single point, and flange face pipe and tubing
- Machines available to fit most pipe sizes, tubes, or vessels
- Ranges from .5" to 150" OD on all types of materials and wall thicknesses
- Complete kit designed to meet most on-site machining applications



ID Mount Flange Facers

- Lightweight, portable and easy to set up
- Bi-directional feed and optional beveling head that is easily connected
- Sizes from 3/4" up to 72"
- Minimal clearance issues with elbow mandrels for tight mounting for 90° and 45° mount
- Larger ID Mount machine available to cover to 120"



OD Mount Flange Facers

- Ideal machine for facing and end-prepping all types of flange surfaces
- Steel sizes range from 21" to 102", Aluminum sizes range from 10" to 20"
- Rigid construction to maximize performance
- Pneumatic and hydraulic motors
- Lifting Cables and Swivel Eyes Provided



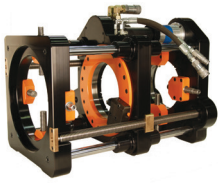
Exchanger Mills

- Lightweight design allows the user to set up and align the mill more efficiently
- Designed to machine pass partitions and pass grooves on tube heat exchangers
- Collets for shank sizes from 3/8" - 1" diameter in 1/8" increments
- Lifting cables provided for use for elevated work
- Allows the technicians to complete work faster, safer, and more cost effective



Linear/Gantry and Rotary Mills

- 3-axis linear milling machine used for precision milling of critical mounting surfaces
- X – Travel 48" – 120", Y – Travel from center 27"; Z – Travel 9"; Power feed rate 0 – 9 inches/min
- Spindle position is height adjustable and orientation is adjustable to 0°, 90° and 180°
- Rotary mill performs face milling, single-point machining, and grinding applications, 32" to 66" available
- Rotary milling from Machine up to 8" face in one cut; machine up to 3/32" deep (depending on diameter)



Shaft Turning Lathes

- Perfect tool for on-site resurfacing of large shafts, stub shafts and bearing journals/seats
- Runs on precision linear guide bearings and driven by two lead screws for balanced feeding
- Feed and rotation are hydraulically driven with continuous speed control
- ILT-1000 (4" to 9.6") and ILT-1600 (8" to 16"), with custom sizes available for unique applications
- X/Y adjustable mounting; clam shell options are available



Tensioning & Bolting

- Lightweight hydraulic torque wrenches designed for professional applications
- Hydraulic torque tool has only three moving parts in the ratchet mechanism
- Power head can be fitted with either a square drive or low-profile hexagon cassette
- SRT Tensioning System designed to ensure simple but safe tensioning operations
- Tensioners comprised of a hydraulic load cell with interchangeable adapter kits; up to five bolt diameters



ID Mount Pipe Bevelers

- ID mount bevelers and flange facers; pneumatic, heavy duty electric, or hydraulic drive configurations
- Worm gear drive unit, offering more contact between the connecting gears
- Main body machined from solid blocks
- Mandrel blades are secured into the mandrel, requiring no springs to hold them in place
- 3 tool blocks that hold the tool bits which assist in beveling, facing, and counter-boring at the same time



Portable Drills

- Designed for heavy engineering and fabrication, shipbuilding, and production engineering environments
- Drilling to $\varnothing$ 130 mm; cutting depth of 30 mm; equipped with latest in magnetic core drilling technologies
- Safety measures include protection from machine overheating and tool damage,
- Alerts when the carbon brushes are worn, and a warning when the magnet holding force is too low
- Single Phase power supply helps reduce the power consumption



Line Boring & Bore Welding Machines

- Accommodate a wide range of bore diameters; extremely rigid due to their dual guide bar design
- Can be setup horizontally and vertically, and are portable enough to get into challenging locations
- Boring diameters from 1.5" to 120"; bore welder range up to 120" and optional weld strokes up to 48"
- Universal Mounting System provides single set-up for SPR's line boring and auto bore welding systems
- Capable bore welding systems specializing in ID or OD weld build up and repair



Heat Exchanger Tools and Machinery

- Superior is the US distributor for Maus Italia, an international leader in manufacturing tools and machinery for the production and maintenance of heat exchangers, condensers, and boilers
- SPR now offers solutions for production and tube assembly, as well as maintenance and tube bundle dismantling, in addition to our current heat exchanger products
- Industries include chemical plants, oil refineries, power plants, factories, etc.



Precision Grinding & Tooling

- Providing the highest quality, hand-cut bit creation and re-manufacturing for more than 30 years
- Utilize precision equipment, professional machinists, and exacting standards
- Provide custom tool bits for our inventory of products
- Offer bits for your I.D. mount prep tools to your split frame clamshell machine tools
- SPR pledges a level of service sure to maximize your productivity and efficiency

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