

SAMADHAN INNOVATIVE SOLUTION LLP.

**Explore Our Products
For Exhaust System..**



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Round Tube Laser Cutting Machine with Autoloader



- Dimension: 9.6 x 2.5 x 3.5 mtr.
- Cycle time for cutting 600 mm long pipe with end notches is 10 sec
- We have incorporated special id holding main chuck so that we can utilize the pipe up to the last end ensuring that only 150 mm of scrap remains
- We have utilized a 3 jaw self centering chuck as the mid chuck with pre set jaws to ensure exact concentricity of pipes held
- This machine is equipped with an automatic loading system for bulk pipe storage. The machine loads the pipe automatically and produces precise, burr-free cuts to meet desired shapes or sizes.

Our
Production.

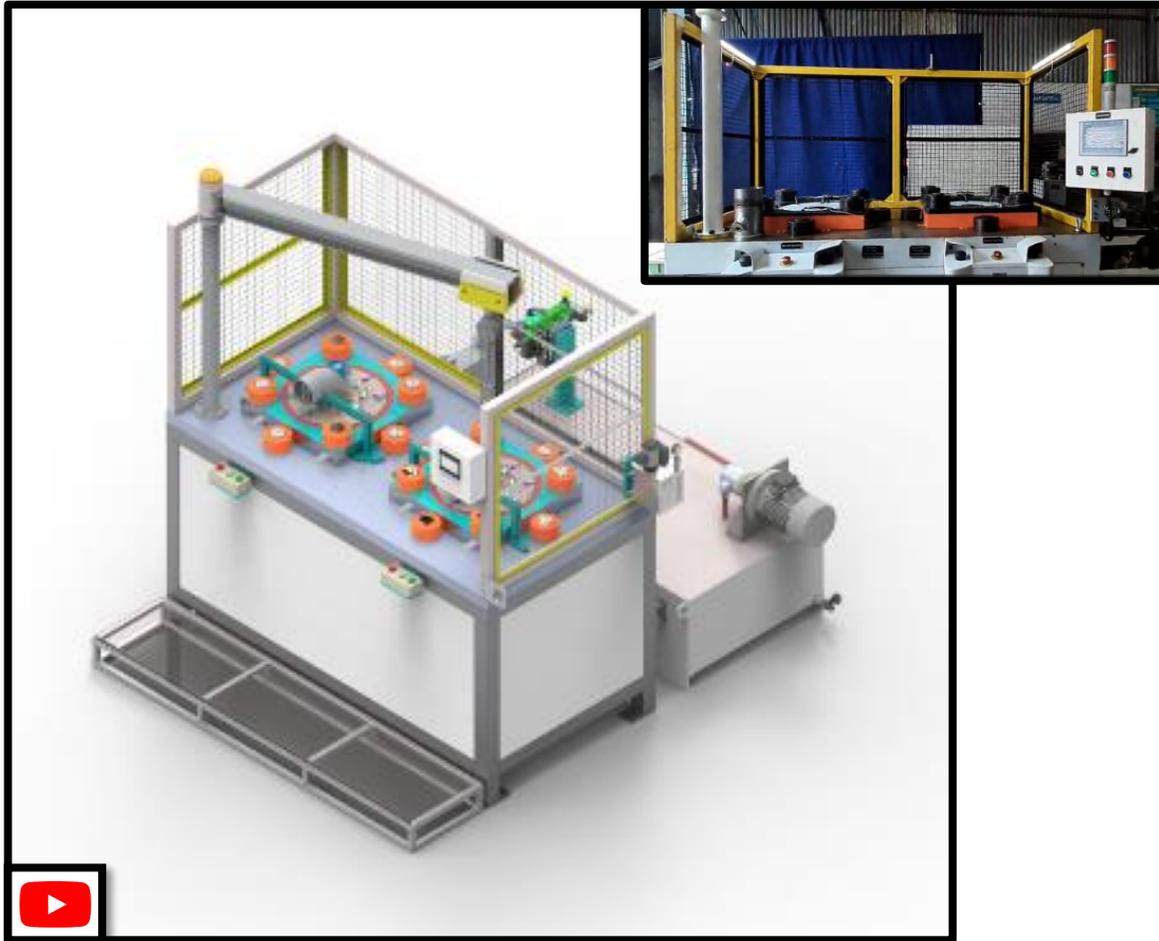
WE ARE DESIGNER AND MANUFACTURER
OF SPM'S



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ID OD Sizing SPM



- This machine is designed to simultaneously Resize the ID and OD of the component.
- Ovality generated due to welding operations on the shell can be corrected.
- Total 4 hydraulic cylinders are used 2 for each station all of the hydraulic cylinders are used in closed loop system and feedback of motion is received through laser distance sensors the cylinders are controlled with a rapid feed valve system and position can be controlled in an accuracy of 200 microns.
- The machine is equired with a auto calibration device to ensure accuracy of distance feedback during long operations.
- Since tooling weight is about 40 kg thus the machine is also equipped with 500 kg crane.

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CNC Controlled Casing Deburring Machine

- A CNC controlled Lathe machine developed, dedicatedly for deburring operation of casing.



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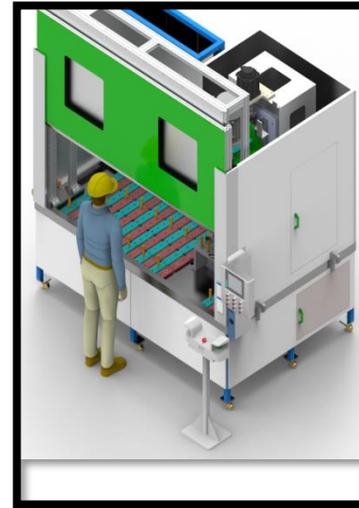
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Sensor Boss Hole Drilling Machine



- Used for drilling large ($\text{Ø}35$) hole in exhaust pipes.
- Holes drilled with relation to bend of pipes.
- Capacity: Pipe length upto 2.5 m.



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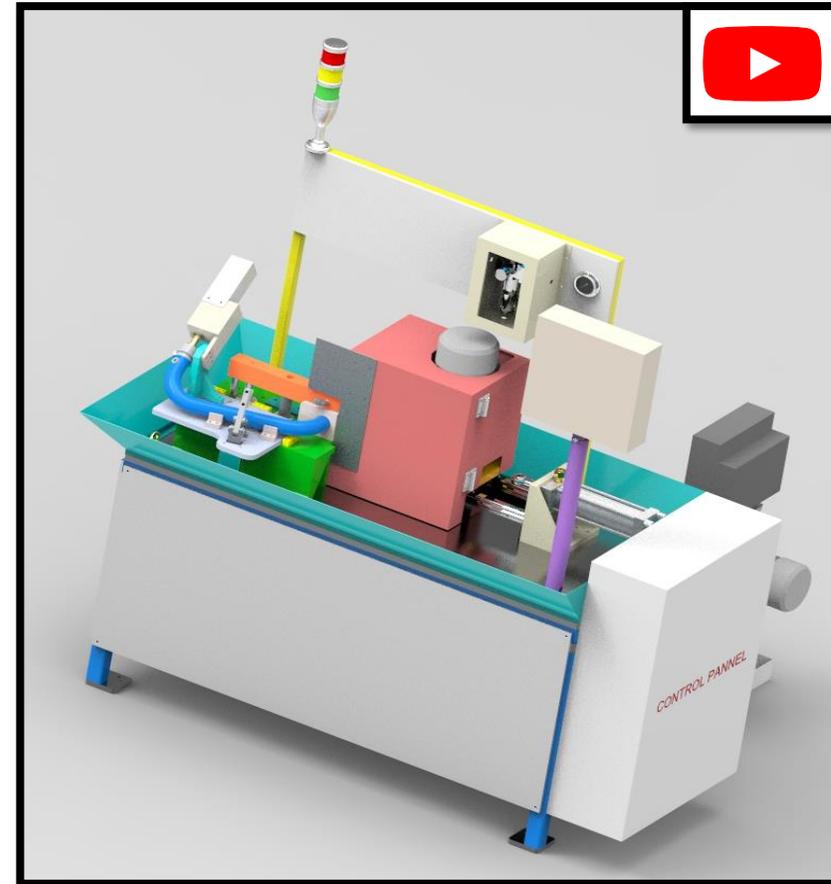


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Horizontal Pipe Cutting Machine

- ❖ Low-cost machine for cutting small length pipes
- ❖ Pipe diameter from $\varnothing 25$ to $\varnothing 100$ mm
- ❖ Pipe length accuracy achieved within ± 0.3
- ❖ Hydraulic clamping ensures vibration free cuts



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Our Customers:

