



A STEP AHEAD IN
DSMM
QUALITY & SERVICE



The Art of Metal Spinning
...Intelligently



www.cncmetalspinningmachine.co.in
www.cncmetalspinningmachine.com

ABOUT US

Being a veteran in the field of manufacturing supplying, and exporting world-class machines, DS Machinery Makers has attained an indelible position in the market. Our organization is based in Punjab and headed by Mr. Jagroop Singh. We are competent to bestow a wide array of CNC metal spinning machine, Lathe Machine, Wood Machinery, Shaping Machinery, Planer Machinery, and much more. The parts and other inputs used by us are of top-notch grade to bring about a supreme product. Our manufacturing unit is bedecked with the ultra-modern machines that are operated by deft professionals to product quality machines in a short span of time.

Although established in year 1958, we strive to work towards the betterment of all our operations and have maintained a stable market position since our inception. Most of our clients applaud us for our unparalleled services, customer relationship, customization capabilities, promptness, and agility. Our machines are safe to operate for the handlers and take minimal time to get installed before making a dispatch.



Quality Assurance

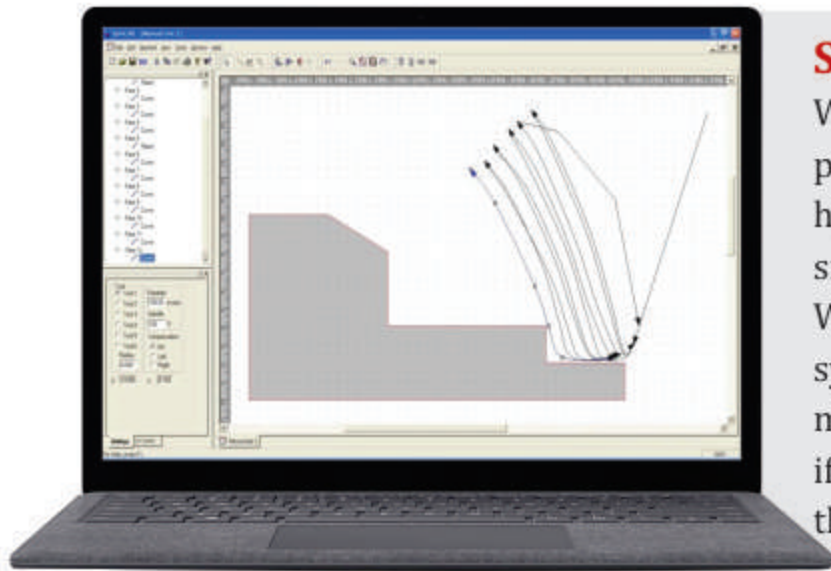
Our dexterous team of quality controllers keeps a check of the in-process goods at every stage of production to make sure that a superior grade final product is formed. All the consignments are meticulously examined on various parameters



Why us ?

- **Drawing/Concepts :** We can recommend you the machine model according to the drawing or sample of workpiece. Or work with customer engineer on refining part to make it more easily manufactured.
- **Prototype :** We have the available CNC Metal Spinning Machine to make the sample for you. Before going into machine production, take the opportunity to see sample to assist in your product development process.
- **Manufacturing Process :** The raw material is prepared. Then, the part is machined and inspected to drawing specs and secondary processes are applied.
- **Quality Assurance :** In house engineering/production designs a process plan and undergoes a strict quality control process to achieve durability with minimal maintenance. Also, designs tooling and gets it on the floor for manufacturing.
- **OEM Service:** We can recommend you the machine model according to the drawing or sample of workpiece. Or work with customer engineer on refining part to make it more easily manufactured.





Spinning Cad/Cam Software

We have successfully developed the playback cnc system after 4years' hardwork. And the testing is very smooth and has very good functions; We will install the playback CNC system in our spinning machine from march 01, 2022. For the sold machine if needed, we could help to upgrade the system for them.

Features of SPINCAD™ Demonstration

"SpinCAD" is a user- friendly CNC software designed for metal spinning. This presentation will give you an idea of how easy it works and is to use.

TOTAL CONTROL - Spin Tool Selection - Spin Pass Feedrate

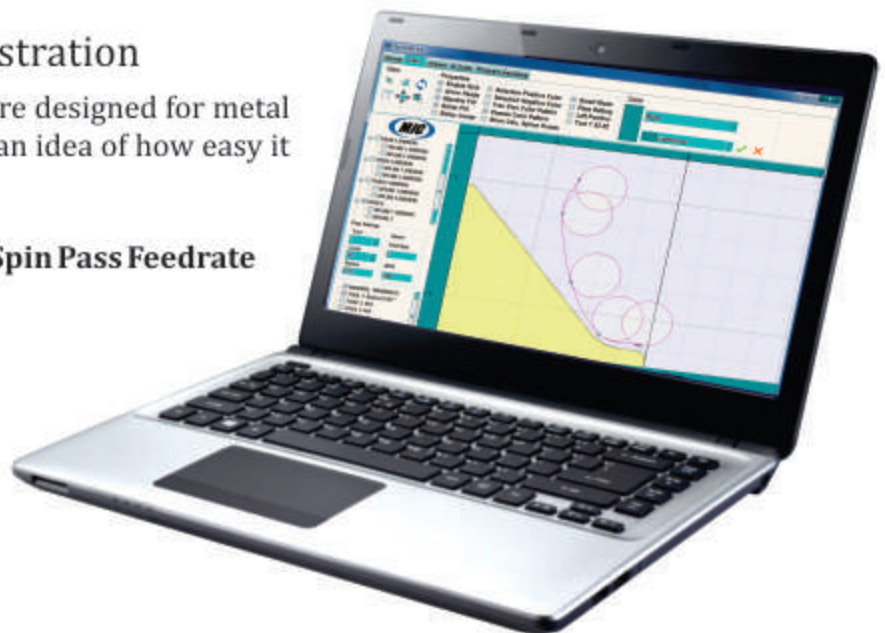
- Spindle RPM
- Tool Radius/Comp
- Machine I/O's

"POINT & CLICK" TECHNOLOGY

- Simply draw the desired spin pass with a mouse.
- Add as many points as you like.
- Double-click to end the pass.

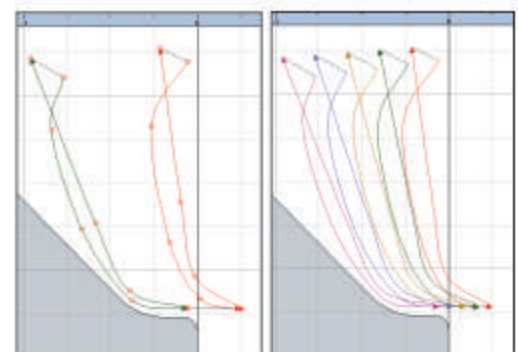
EDIT A PASS

- Click and drag any point to edit the pass.
- "Spin CAD" will show you the new tool path.
- Points can be added or deleted at any time for total pass control



BEFORE

AFTER



SpinCAD is the only CNC spinning software to offer a time-saving "Blend" feature.

CNC Metal Spinning Machine **MODEL SSGS200**



| | |
|----------------------------|--|
| Max. Diameter of Material | 200 mm |
| X Travel Displacement | 100 mm |
| Z Travel Displacement | 200 mm |
| Thickness of Work Piece | Aluminium = 0.5 to 3mm Mild Steel = 0.5 to 1.5mm Copper = 0.5 to 3mm Stainless Steel = 0.5 to 1.5mm |
| Guide Rail Type | Linear Guide Rail |
| Axis motor | Ac servo motor |
| Control system | Siemens PPU151 |
| Servo Power X/Z | 6 NM X 7.5 NM |
| Pushing force for x/z axis | 25kN |
| Spindle Speed | 2000 rpm |
| Travel of Tailstock | 200 mm |
| Taper of tail stock quill | MT4 |
| Amount of Tool | 4 |
| Spindle Motor Power | 7.5 hp |
| Hand Tools | 1 set |
| Weight (Appox) | 2000kg. |



CNC Metal Spinning Machine

MODEL : SSGS400

Max. Dia Of Material : 400 mm

X Travel Displacement : 210 mm

Z Travel Displacement : 350 mm

| | |
|----------------------------|--|
| Thickness of Work Piece | Aluminium = 0.5 to 4mm Mild Steel = 0.5 to 2.5mm Copper = 0.5 to 3.5mm Stainless Steel = 0.5 to 2mm |
| Guide Rail Type | Linear Guide Rail |
| Axis motor | Ac servo motor |
| Control system | Siemens PPU151 |
| Servo Power X/Z | 8NM X 11NM |
| Pushing force for x/z axis | 30kN |
| Spindle Speed | 2500 rpm |
| Travel of Tailstock | 350 mm |
| Taper of tail stock quill | MT5 |
| Amount of Tool | 4 |
| Spindle Motor Power | 10 hp |
| Hand Tools | 1 set |
| Weight (Appox) | 3000kg. |



CNC Metal Spinning Machine

MODEL : SSGS600



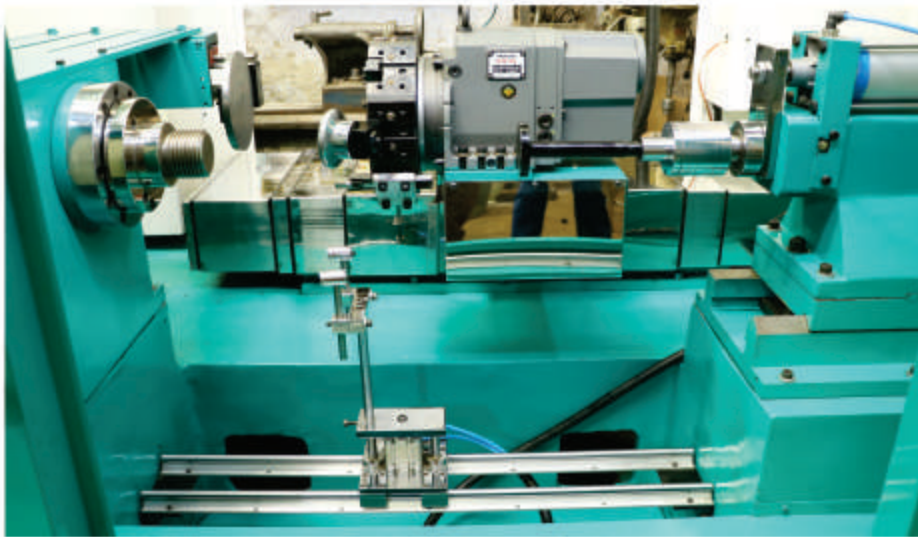
| | |
|----------------------------|--|
| Max. Diameter of Material | 600 mm |
| X Travel Displacement | 315 mm |
| Z Travel Displacement | 550 mm |
| Thickness of Work Piece | Aluminium = 0.5 to 6mm Mild Steel = 0.5 to 3mm Copper = 0.5 to 5mm Stainless Steel = 0.5 to 3mm |
| Guide Rail Type | Linear Guide Rail |
| Axis motor | Ac servo motor |
| Control system | Siemens PPU161 |
| Servo Power X/Z | 11NM X 15NM |
| Pushing force for x/z axis | 35kN |
| Spindle Speed | 2800 rpm |
| Travel of Tailstock | 400 mm |
| Taper of tail stock quill | MT5 |
| Amount of Tool | Sync 2+ |
| Spindle Motor Power | 10 hp |
| Hand Tools | 1 set |
| Weight (Appox) | 4000kg. |

HEAVY DUTY CNC Metal Spinning Machine
MODEL : SSGS800



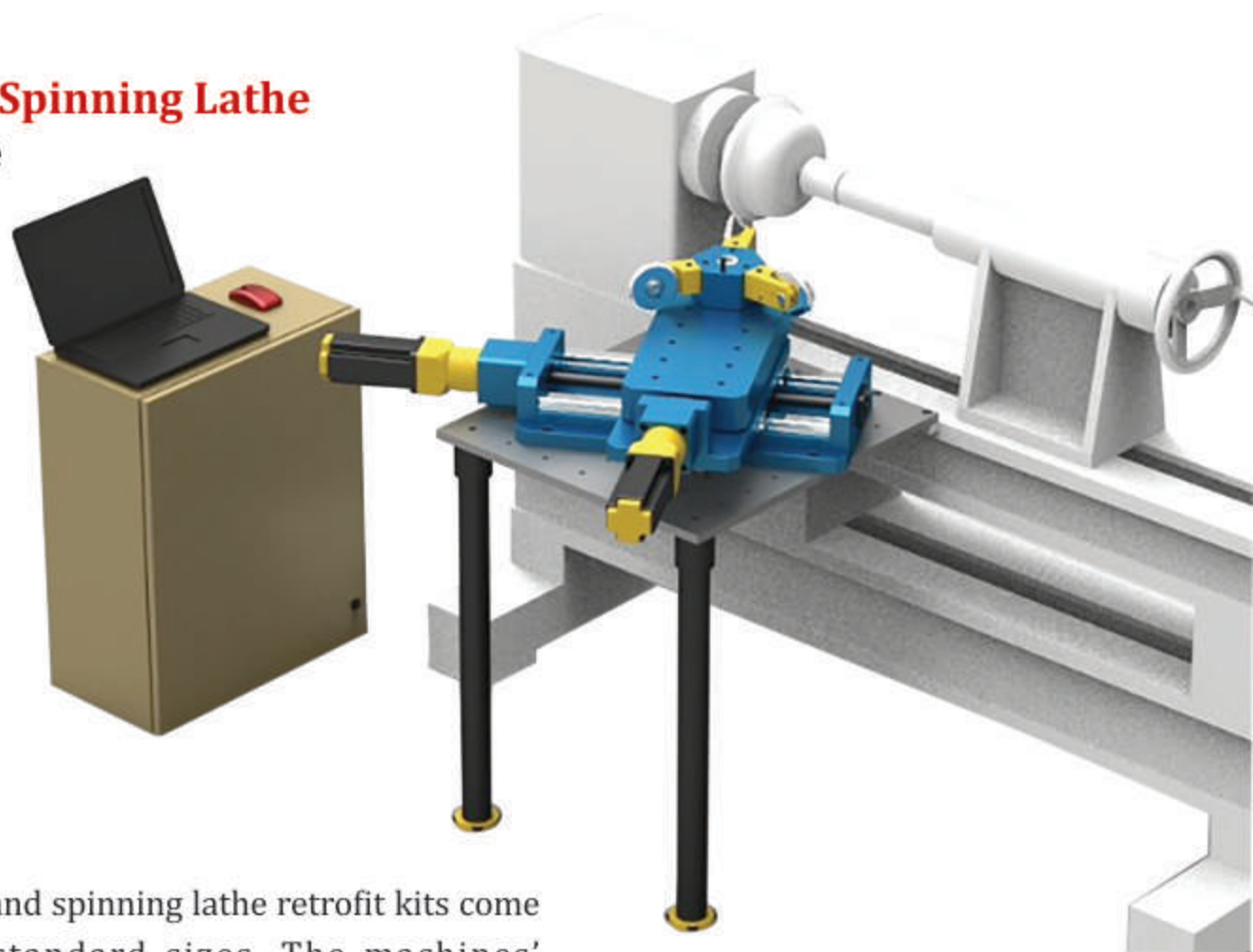
HEAVY DUTY CNC Metal Spinning Machine
MODEL : SSGS1000





| Specifications | SSGS800 | SSGS1000 |
|----------------------------|--|--|
| Max Diameters of Material | 800 mm | 1000 mm |
| X Travel Displacement | 425 mm | 510 mm |
| Z Travel Displacement | 650 mm | 750 mm |
| Thickness of Work Piece | Aluminium = 0.5 to 7mm Mild Steel = 0.5 to 4mm Copper = 0.5 to 6mm Stainless Steel = 0.5 to 3mm | Aluminium = 0.5 to 8mm Mild Steel = 0.5 to 4mm Copper = 0.5 to 6mm Stainless Steel = 0.5 to 3.5mm |
| Guide Rail Type | Linear Guide Rail | Linear Guide Rail |
| Axis motor | Ac servo motor | Ac servo motor |
| Control system | Siemens 808 | Siemens 808D |
| Servo Power X/Z | 15NM X 18NM | 20NM X 15NM |
| Pushing force for x/z axis | 40kN | 60kN |
| Spindle Speed | 2500 rpm | 1500 rpm |
| Travel of Tailstock | 450 mm | 500 mm |
| Taper of tail stock quill | MT5 | MT6 |
| Amount of Tool | Sync 2+ | Sync 2+ |
| Spindle Motor Power | 15 hp | 20 hp |
| Hand Tools | 1 set | 1 set |
| Weight (Appox) | 5500kg. | 6500kg. |

Retrofit Spinning Lathe Machine



Our CNC hand spinning lathe retrofit kits come in three standard sizes. The machines' mechanics, electrical and software are identical from model to model, the difference between the models are slide size and machine travel. Please see the chart below for more information on machine travel.

Technical Specifications

| Machine Identification | Size | Machine Travel |
|------------------------|--------|---------------------------------|
| DSMM S20 | Small | 325mm x 200mm or 12.8" x 7.9" |
| DSMM M20 | Medium | 400mm x 250mm or 15.75" x 9.85" |
| DSMM L20 | Large | 508mm x 355mm or 20" x 14" |

The Function and Application Scope :

- CNC Spinning Machine is especially developed to spin kitchenware, lamps, auto Fittings, ventilations and art wares.
- This machine is practical, professional and strong. It has high production efficiency and can complete horn, bucket, cone type, parabolic products.
- The machine can spin many materials such as steel, alloy and copper etc. It has solved the traditional problems such as lack of skilled workers. With advanced digital control, it is easy to operate.
- The machine can improve the production efficiency, machining accuracy and saving the cost of human resources. It is the ideal processing machine for light, automobile, military, mechanic and other manufacturing industries.

Standard Configurations & Main Features:

Single Roller / Double Roller

- Siemens 808D as standard CNC system which has USB port and safety alarms.
- Automatic pneumatic Centering unit
- Precision ball screws ensure dynamic performance well and positioning accurately.
- Siemens make servo system
- Adopted independent spindle unit to ensure good movement precision, stiffness and stability.
- Guide rails are ultrasonic frequency quenched and with hardness of HRC52
- Feeding axles are controlled by servo motors.
- Pneumatic tail stock/ Hydraulic tail stock.
- Integrated automatic lubrication system makes the maintenance more reliable.
- Semi-enclosed shield for safe working.
- Pressure gauge for measure the pressure.
- CNC system such as FANUC, SIEMENS, DELTA or MITSUBISHI is available for your selection
- Optional accessories extra price.



Note : As improvements are made from time to time these specifications are subject to change without notice.

The Art of Metal Spinning ...*Intelligently*



D.S. Machinery Makers

AN ISO 9001:2015 CERTIFIED COMPANY



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