

SOLUTION

SSR-6

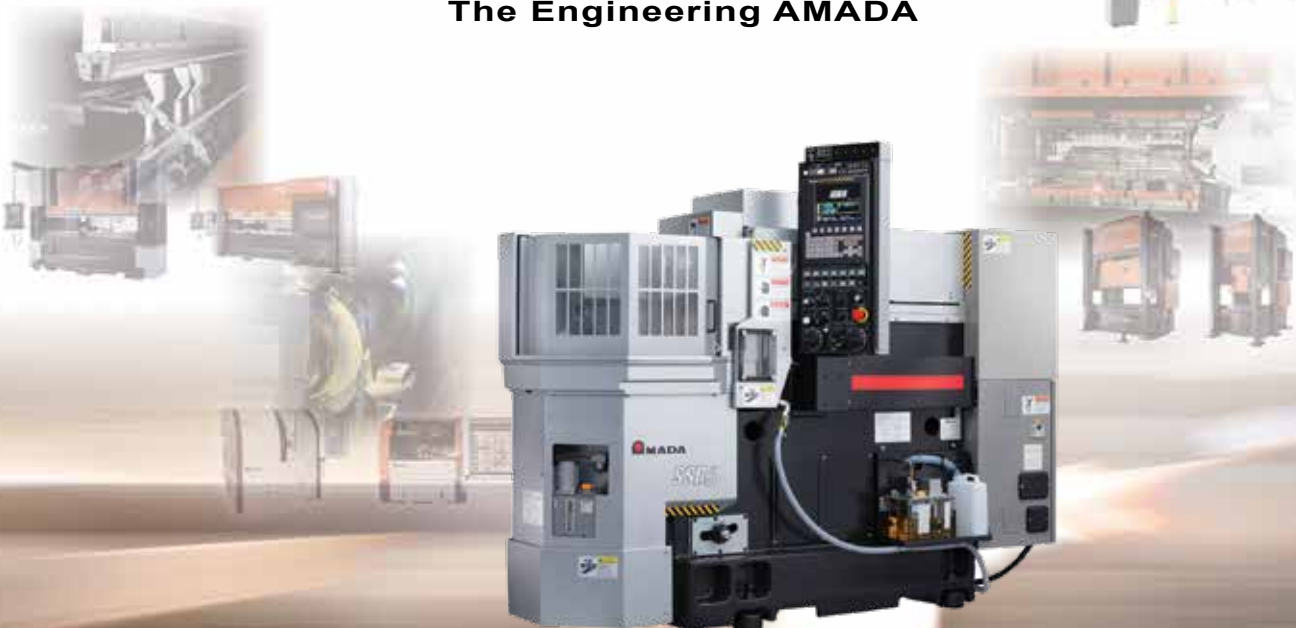
CNC ROTARY SURFACE GRINDER



The Vision of Precision



The Engineering AMADA



 **AMADA**[®]
AMADA MACHINERY AMERICA, INC.

3 TIMES HIGHER PRODUCTIVITY THAN RECIPROCATING SURFACE GRINDER!



EASY TO PROGRAM

- Simple conversational CNC software allows for easy input of data for grinding and dressing cycles.

EASY TO SETUP

- A "Teach" button makes it very easy to touch off the wheel to the part and dresser. Also setting grinding ram stroke. This "Teach" button process is not only easy but very efficient.

CONSTANT SURFACE SPEED

- To assure the highest degree of precision, the chuck spindle rotates at a variable speed with relationship of the wheel to the part. This Constant Surface Speed function also helps to assure a consistent surface finish across the whole part.

AUTOMATIC DRESSING & COMPENSATION

- Maximum efficiency requires dressing of the grinding wheel. The SSR-6 automates this process by automatically dressing the wheel when specified in process and compensates for the reduction in wheel diameter. Rough and finish dress conditions are controllable.

THERMALLY STABLE DESIGN

- To maintain accuracy throughout the workday, a machine must be designed with thermal distortion in mind. A thermally stable design will greatly minimize the effects of thermal distortion as the machine heats up throughout the day. All Amada grinders have been engineered to have exceptional thermal stability.

ECO-FRIENDLY DESIGN

- The SSR-6 is an "All Electric" machine and therefore does not use hydraulic system or pneumatic system.

STANDARD FEATURES

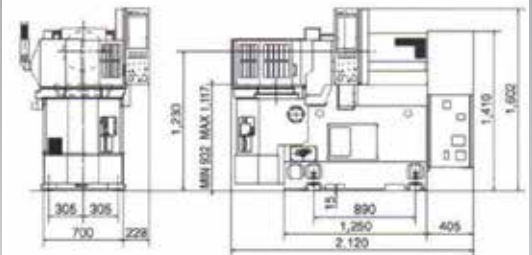
- Electromagnetic Chuck with Controller
- Stepless Magnetic Force Adjustment Knob
- Electric Leakage Breaker
- 7.2" Monochrome CD/MDI Unit
- Dressing Interval (In-Grinding Dressing)
- Z-axis (Vertical) Manual Handle
- Manual Reference Point Returning
- Stored Stroke Limit
- Table Rotation Override 0-100%
- Ram Actuation Override 0-100%
- Constant Table Rotation Speed Control
- Grinding Wheel Speed S Command
- Self-Diagnostic Function
- Alarm and Alarm History Display
- Actual Speed Display
- Clock Display
- Current Position Display
- Ram Position Teaching Push Button
- Chuck or Workpiece Reference Button
- Relative Coordinate Origin Push Button
- End Message
- Buzzer (Volume Adjustable)
- Automatic Table Dressing Function
- Manual Table Tilt +/- 3 Degrees

OPTIONAL FEATURES

- CNC Taper Grind and Dress +/-45 Degrees
- Plunge Grind Cycle
- Coolant & Mist System
- Magnetic Roll Separator & Paper Filter



SSR-6



SSR-6 SPECIFICATIONS

CNC Control Type	Fanuc Oi-TD w/ Amada Software
Magnetic Chuck Diameter	24" (600mm)
Grinding Wheel Size (OD x W x Bore)	14" x 1.5" x 5"
Grinding Spindle Power	10 HP
Machine Floor Space & Weight (With Coolant / Mist System & Maintenance Area)	6.8' x 9.6' and 5840 Lbs.

! Before using this product, please read the operator's manual carefully and follow all applicable instructions.

- When using our products, safety equipment is required depending on the operational task.

* Specifications, appearance and equipment are subject to change without notice by reason of improvement.

* Please use the machine model name as SSR-6, when applying for administration applications.

* For any inquiries, please contact local Amada Machinery America, Inc. office.

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