

Okamoto

ACC-SA1 Series

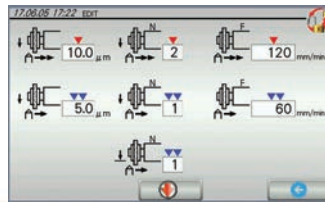
Rock-Solid construction and standard high-performance features make the ACC-SA1 Series the "Production Man's" grinder.

Its efficient Shift-Plunge Cycle assures fast stock removal. Programmable Dressing with Dress Compensation is standard and dramatically boosts productivity by freeing operators from constant manual dressing - great for hard-to-grind materials. Less idle time means more production and profits!

- > AC servo driven vertical feed system boasts an astounding 0.00001" minimum downfeed increment.
- > Crossfeed minimum increment is 0.0001". Crossfeed Position is easily set through the "Teach" function.
- > Programmable dressing and dress compensation is standard.
- > High productivity Shift-Plunge cycle.



Grinding Wheel Speed Set-Up



Automatic Dress with Compensation Function



ACC-SA1 Control

The SA1 control delivers the reliability and simplicity of electronic control while still providing "hands-on" operation.

Auto Wheel Dress with Dress Wear Compensation

Shift Plunge Grinding Mode

SUS Material Table Cover

10" Color Touch Panel

Dress Interval Function

Diagnostic System for Machine Maintenance

Work Hour, Wheel Rotation Hour Counters

Inverter for Grinding Wheel Spindle Motor

Rough & Fine Grinding Set-Up Data

Numeric Keypad

Dress Condition Set-Up

Auto Retract Function

Grinding Conditions Screen Page

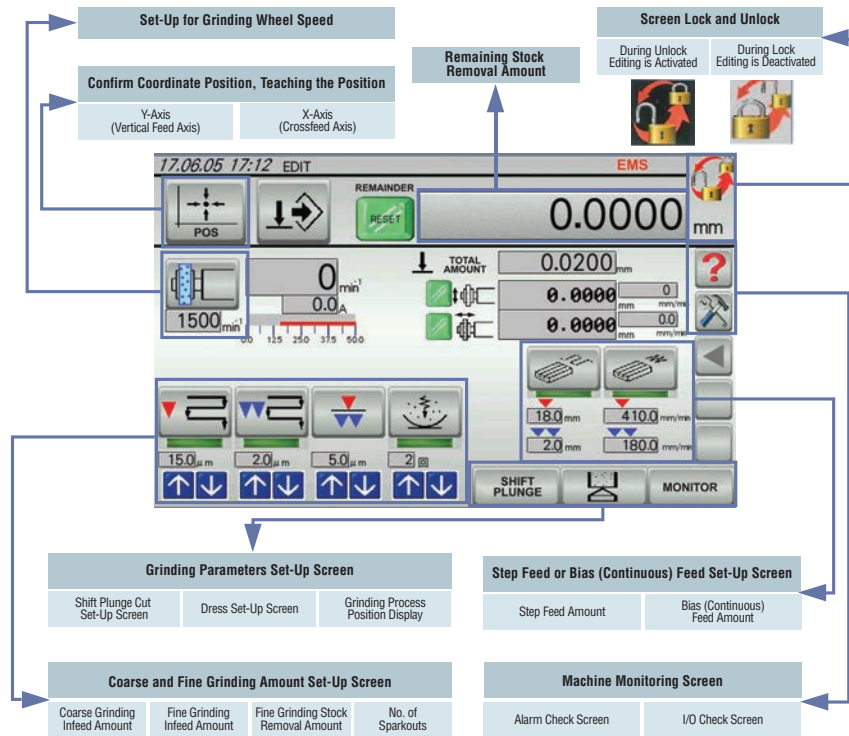
Grinding Spindle Motor Load Check

Alarm History



Auto wheel dressing with dress compensation allows for unmanned grinding - **Standard**

LCD TOUCH SCREEN DISPLAY



SPECIFICATIONS ACC-SA1 Series

	ACC-8•20	ACC-12•24	ACC-16•24	ACC-16•32	ACC-20•24	ACC-20•40
CAPACITY						
Table Working Surface (W x L)	8" x 20"	12" x 24"	16" x 24"	16" x 32"	20" x 24"	20" x 40"
Maximum Table Movement (Manual)	25.6"	29.5"	29.5"	37.4"	29.5"	45.3"
Max. Dist. Between Wheel & Table	15.7"	13.6"	13.6"	21.5"	21.5"	21.5"
Magnetic Chuck Size (W x L x H)	8" x 20"	12" x 24"	16" x 24"	16" x 32"	20" x 24"	20" x 40"
Table Load Capacity Including Chuck	440 lbs	925 lbs	925 lbs	1,540 lbs	1,540 lbs	1,540 lbs
GRINDING WHEEL						
Wheel Size (D x W x B)	8" x 1" x 1.25"	12" x 1.5" x 5"	12" x 1.5" x 5"	12" x 1.5" x 5"	12" x 1.5" x 5"	12" x 1.5" x 5"
MOTORS						
Grinding Wheel Spindle	2 hp	5 hp	5 hp	5 hp	5 hp	5 hp

FEEDRATES ACC-SA1 Series

TABLE LONGITUDINAL	
Longitudinal Feed Rate	1 ~ 82 ft/min
Feed Per Handwheel Rev.	1.9"
CROSSFEED	
<i>Manual</i>	
Feed per Handwheel Grad.	0.0001" / 0.0005" / 0.002"
<i>Automatic</i>	
Intermittent Feed	0.02" ~ 0.4" (8•20), 0.02" ~ 0.8" (all others)
Continuous Feed	0.004 ~ 40 in/min

WHEEL VERTICAL FEED	
<i>Automatic</i>	
Feed Rate	0.00001" - 0.0015"
Spark-Out Passes	0 - 10
<i>Manual .1x / 1x / 5x Position</i>	
Feed Per Handwheel Graduation	0.00001" (x .1), 0.0001" (x 1), 0.0005" (x 5)
Rapid Vertical Feed	23.6 in/min

Specifications subject to change without notice.

Okamoto
Emerging Abrasives Technology

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