

CNC FORM GRINDER

Okamoto

ACC 818NC

*The CNC Form Grinder
you can't afford not to have in your shop!*



The ACC 818NC Form Grinder deliver the benefits of a full-function CNC surface grinder at a fraction of the price. It's loaded with performance features and the powerful control affords you a full array of grinding capabilities.

- Superb construction with heavily ribbed Meehanite cast construction.
- Full contact Double Vee for true tracking and unrivaled accuracy.
- 3-point diamond dresser includes one 2-point angle dresser for form dressing and one 1-point dresser for straight dressing.
- Set up to 4 different table stroke positions. Ideal for multiple workpiece grinding.
- Ideal for Surface, Slot, Step, Form and Contour Grinding.
- User-friendly "Touch & Teach" conversational programming simplifies set-up and operation even for operators unfamiliar with CNC.

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Specifications	Unit	Metric
Capacity		
Table Working Area (Length x Width)	mm	500 x 200
Table Movement (Longitudinal x Cross)	mm	530 x 230
Max. Vertical Clearance	mm	357.5
Distance from Table Surface to Spindle Center	mm	150 - 460
Standard Chuck Size	mm	450 x 200
Table Load Capacity (Including Chuck)	kg	120
Table		
T-Slots (Width x No.)	mm	17 x 1
Longitudinal Feed Rate (Average)	m/min	0.1 - 20
Feed per Revolution	mm	130
Crossfeed		
Manual Feed		
Hand Feed per Revolution	mm	0.01 - 5.0
Graduation of Hand Wheel	mm	0.0001
Automatic Feed		
Continuous Feed	mm/min	0.1 - 200
Wheel Head		
Automatic Downfeed (Plunge & Traverse)	mm	0.0001 - 0.03
Manual Pulse Feed	mm	0.0001 - 0.01
No. of Sparkout	times	0 - 5
Rapid Feed	m/min	0 - 2
Hand Feed per Revolution	mm	0.01 - 0.5
Grinding Wheel		
OD x W x ID	mm	205 x 6-25 x 31.75
Speed (50/60 Hz)	rpm	3000/3600
Motors		
Grinding Wheel Spindle	kW	1.5
Hydraulic Pump	kW	0.75
Vertical Feed	kW AC Servo	0.5
Cross Feed	kW AC Servo	0.5
Electrical Power		
Desired Power Supply including Electro Mag. & Coolant System	KVA	9
Floor Space		
Length x Width x Height	mm	1994 x 1659 x 1727
Weight		
Net Weight	kg	1,100

Standard Accessories

1. Sample Grinding Wheel, $\phi 180 \times 13 \times \phi 31.75$ mm
2. Wheel Adapter
3. Wheel Guard & Coolant Nozzle
4. 3-Point Table Mount Dresser
5. Necessary Tools
6. Leveling Bolts and Plates
7. Table Splash Cover
8. Built-in Conversational Software
9. Automatic Demagnetizing Type Chuck Controller (Chuck Power Adjustable Type)
10. Operation Manual

Optional Accessories

1. Coolant Tank
2. Magnetic Swarf Separator
3. Coolant Tank with Dust Suction System
4. Coolant Tank with Paper Filter System
5. Electro Magnetic Chuck, 450 x 200 mm
6. Spindle Inverter System
7. Grinding Wheel Balancing Stand with an Arbor
8. Balancing Arbor Only
9. Spare Wheel Adapter for 6-19 mm Width Wheel
10. Spare Wheel Adapter for 19-25 mm Width Wheel
11. Hydraulic Oil Temperature Control Unit

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When and before using our products, you are requested to well go through the articles on danger, warning and attention for the sake of safety described in operation manual attached to the machine and also in the warning plates mounted on the machine.
 *Specifications subject to change without notice.

*When a product manufactured at our factory comes under the Foreign Exchange And Foreign Trade Control Law and is exported or carried overseas, it is necessary to receive permission or approval of the Japanese Government.

CAUTION

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