

## Tool & Cutter Grinder Model: CM-2 MONASET

- Quality assume by ISO 9002 & CE standard
- Precisely grind, sharpen, recondition complex tools & cutters
- Casting base to reduce vibration
- Precise ball screw using grinding wheel side X and Y axis
- Precise grinding acme lead screw using the other entire axis
- Super precision match sets class 7 bearing at spindle
- The Monaset Grinder's combination of swiveling, turntable and moveable off set slide
- Provide your shop with versatile capability to quickly set up and accurately generate convex and concave radii of varying size
- Made in Taiwan



### Capacity

#### Workhead:

Swing over main slide, dia: .....	12" (max)
Collet work dia: .....	1.25" (max)
Collet work dia: .....	0.19" (min)
Spiral angle:.....	60° (max)
Distance between speak of spindle: .....	3.93" (max)
Distance between center of tailstock:.....	5.98" (max)
Grinding wheel head:	
Grinding diameter:.....	3.93" (max)

### Range

#### Workhead:

Slide travel:.....	5.11"
Offset slide travel: .....	3.93"
Front of center: .....	1.96"
Rear of center: .....	1.96"

#### Angle adjustment of workhead:

Rotation of horizontal plane: .....	±105° (210°)
Rotational of vertical plane: .....	±40°

#### Grinding wheelhead:

Slide travel:.....	4.33"
Vertical slide travel, total: .....	9.44"
Above center: .....	4.33"
Below center: .....	5.11"
Cross slide travel:.....	6.7"
Front of center: .....	2.75"
Rear of center: .....	3.93"

### Spindle Speed

Workhead speed: ..... 360 rpm  
 Wheelhead, three speeds: ..... 4000, 6000 and 8000 rpm

### Motor

Workhead, AC: ..... 1/4 HP  
 Grinding wheelhead, AC: ..... 1/2 HP

### Dimension

Floor space: ..... 65" x 45" x 60"  
 Net weight: ..... 895 lbs

Model		FOB CA
CM-2 cutter & tool grinder	Ball screw	<b>\$28,300</b>
CM-2 cutter & tool grinder with 17pcs collect set and spring-loaded index pawl	Ball screw	<b>\$31,695</b>

### Standard Accessories

- Wheelhead toothrest assembly with extension bar
- Grinding wheel guards with extension bar
- Front stock support
- Diamond holder bracket
- Wrench for workhead
- Toothrest entering gauge
- Adjustable tailstock support unit
- Spanner for grinding wheel
- Leveling blocks
- Standard arbor
- Screw driver
- Set of wrenches
- Double-end spanner
- Set of (4) index plates for spiral lead Mechanisms 0,8,10 &12 divisions
- Tool box
- Oil bottle
- Grinding wheel (one each of straight, flaring cup and dish shape)
- Additional diamond truing tool with diamond nib
- 1/2" wheel flange and spanner

### Optional Machine Accessories

Large cutter radius grinding attachment	\$1,020
4" universal 6-jaw chuck for workhead	\$1,275
Dust collector - 1 HP	\$1,700



**Additional Accessories Information**

Power requirement: ..... 6.5 KVA 3 phase 208V to 230V (Max)  
 Type of oil for way oil: ..... Mobil Vectra #2  
 Coolant capacity: ..... Optional

**Terms & Conditions**

F.O.B.: Pomona, CA 91768  
 Delivery: Stock, subject prior sales  
 Payment: 20% down-payment, balanced due on machine delivery  
 Taxes: Federal, State, Local Taxes are the responsibility of Purchaser.  
 Warrenty: One-year limited warranty for any defects in material or workmanship of machine tool and factory installed components

Visit [www.novatechonline.com/admin/terms-nova.html](http://www.novatechonline.com/admin/terms-nova.html) for additional information

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