

Tool & Cutter Grinder Model: CM-A MONASET

- Quality assume by ISO 9002 & CE standard
- The CM-A is CM-2 equipped with an digital readout on the X, Y and A axes and high precision camera device for your precisely grind, sharpen, recondition complex tools & cutters
- Casting base to reduce vibration
- Precise ballscrew using grinding wheel side X and Y axis
- Precise grinding acme leadscrew using the other entire axis
- Super precision match sets class 7 bearing at spindle
- The Monaset Grinder's combination of swiveling, turntable and moveable offsetslide
- 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

Workheadspeed:	360 rpm
Wheelhead, three speeds:	4000, 6000 and 8000 rpm

Motor

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

Floor space and weight

Floor space:	82" x 45" x 80"
Net weight:	2270 lbs

Price List 2018-0301



Model	FOB CA
CM-A cutter & tool grinder (Cincinnati Monaset copy)	\$65,995

Standard Accessories

- Wheelheadtoothrest assembly with extension bar
- Grinding wheel guards with extension bar
- Front stock support
- Straight cylindrical collects:(please select "A" or "B")
 - (A) metric sizes: 5, 6, 8, 10, 12, 16, 20, 25 & 32mm
 - (B) inch sizes: 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8 & 1 1/4
- Also including set of 3 taper collects: No. 2,3,4 morse taper
- Set of (5) grinding wheel flanges. (4) standard and (1) extension flange
- 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 Machanism 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
- Spring-loaded index pawl for workhead
- 1/2" wheel flange and spanner
- Grinding attachment for large face milling cutter
- 4" six-jaw chuck for workhead
- Wheel flange with 2 collets for internal grinding
- Wet grinding attachment with water proof equipment

Optional Machine Accessories

3-CM2-OPT13	Dust collector – 1/2 HP	\$1,590
3-CM2-OPT14	Dust collector - 1 HP	\$1,700
3-CM2-OPT15	Frequency inverter for grinding wheel spindle - 1 HP	\$895
3-CM2-OPT16	Frequency inverter for grinding wheel spindle - 2 HP	\$1,020
3-CM2-OPT17	Upgrading grinding wheel-spindle motor to 2 HP	\$895

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:..... OPT

Terms & Conditions

- F.O.B.: Pomona, CA 91768
- Delivery: Please check with Atrump's Sales Team
- Standard Terms Of Payment: 20% down-payment, balanced due on machine delivery
- Taxes: Federal, State, Local Taxes are the responsibility of Purchaser.
- Warranty: One-year limited warranty for any defects in material or workmanship of machine tool and factory installed components. Visit www.atrump.com/policy for full warranty details & contract.
- ** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE **

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