

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 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 wheelhead:	
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:	1895 lbs

Price List 2018-03-01



Model	FOB CA
CM-2 cutter & tool grinder	\$34,635
CM-2 cutter & tool grinder with 17pcs collect set and spring-loaded index pawl	\$37,650

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

3-CM2-OPT01	Large cutter radius grinding attachment	\$1,020
3-CM2-OPT02	4" universal 6-jaw chuck for workhead	\$1,275
3-CM2-OPT03	Additional Index Plates, please specify size: (each)	\$425
3-CM2-OPT04	Additional Diamond Turning Tool with Diamond Nib	\$85
3-CM2-OPT05	1/2" Bore Grinding Wheel Flange E	\$420
3-CM2-OPT06	Spring Loaded Index Pawl	\$680
3-CM2-OPT07	Additional Straight Cylindrical Collets (indicate sizes) (each)	\$395 per ea
3-CM2-OPT08	Set of 3 Taper Collet #5, #7, #9 Brown & Sharpe	\$445
3-CM2-OPT09	Additional Straight Cylindrical Collets (inch 17 pcs.)	\$2335
3-CM2-OPT10	Additional Straight Cylindrical Collets (metric 10 pcs.)	\$1590
3-CM2-OPT11	Set of 3 Grinding Wheels (4" x 1/2" straight, 4" x 1/2" dish & 3-1/2" x 1-1/2" flaring cup)	\$80
3-CM2-OPT13	Dust collector – 1/2 HP	\$1,590
3-CM2-OPT14	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: 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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