

MONASET TOOL & CUTTER GRINDER MODEL CM-A

MACHINE FEATURES

- QUILTY ASSUME BY ISO 9001 & 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 VIBERATION
- PRECISE BALLSCREW USING GRINDING WHEEL SIDE X&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.



SPECIFICATIONS:

CAPACITY :

WORKHEAD:

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| SWING OVER MAIN SLIDE, MAX DIA: | 12" |
| COLLET WORK DIA, MAX.: | 1.25" |
| MIN.: | 0.12" |
| LEAD GENERATED BY SPIRAL LEAD MECHANISM, MIN: | 1.81" |
| LENGTH BETWEEN SPINDLE NOSE AND TAIL CENTER, MAX: | 6" |

WHEELHEAD:

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| GRINDING WHEEL DIA, MAX.: | 4" |
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RANGE:

WORKHEAD:

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| MAIN SLIDE TRAVEL: | 5.75" |
| OFFSET SLIDE TRAVEL, TOTAL: | 5.25" |
| -FRONT OF CENTER: | 3" |
| -REAR OF CENTER: | 2.25" |

WORKHEAD ANGULAR ADJUSTMENT:

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| HORIZONTAL PLANE (TURNTABLE BASE): | 235° |
| VERTICAL PLANE, ABOVE CENTER: | 40° |
| BELOW CENTER: | 40° |

WHEELHEAD:

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| LONGITUDINAL SLIDE TRAVEL: | 6" |
| VERTICAL SLIDE TRAVEL, TOTAL: | 9.50" |
| -ABOVE CENTER: | 4.50" |
| -BELOW CENTER: | 5" |
| CROSS SLIDE TRAVEL, TOTAL: | 7.50" |
| -FRONT OF CENTER: | 3" |
| -REAR OF CENTER: | 4.50" |

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SPINDLE SPEEDS:

(±0%,-8% VARIATION ALLOWABLE)
 WORKHEAD, ONE SPEED: 436 RPM.
 WHEELHEAD, THREE SPEEDS: 4000, 5729 AND 8000 RPM
 (MOTOR SPEED @ 3600 RPM)
 INTERNAL GRINDING ATTACHMENT (*EXTRA COST*),
 THREE SPEEDS, APPROX.: 16,410, 23,510 AND 32,820 RPM

MOTORS, ELECTRIC:

WORKHEAD DRIVE, AC: INCLUDES REVERSE ¼ HP.
 WHEELHEAD DRIVE, AC: ½ HP.

FLOOR SPACE AND WEIGHT:

AREA OF BASE ONLY: 25" X 26"
 AREA REQUIRED FOR MACHINE (INCLUDING SWIVEL
 AND OVERTRAVEL MOVEMENTS): 60" X 67"
 HEIGHT FROM FLOOR TO CENTER OF WORKHEAD
 SPINDLE: 47.72"
 HEIGHT, OVERALL WITH WHEELHEAD RAISED: 62.12"
 NET WEIGHT: 1,525 LBS.

LIST PRICE:

CM-A CUTTER & TOOL GRINDER (CINCINNATI MONASET COPY): \$ 56,695.00

STANDARD ACCESSORIES:

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| Tools & box | Grinding wheel guard | A set of grinder wheel flanges.(5pcs) |
| Front stock support | Diamond holder back head | Standard arbor |
| Leveling blocks | One shot lube system | Halogen work light |
| Operation manual | Tooth rest centering gauge | Double end spanner |
| Oil bottle | Grinding wheel set | 17 pcs inch collet set |

MACHINE OPTIONAL ACCESSORIES:

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| G003 | LARGE CUTTER RADIUS GRINDING ATTACHMENT | \$ 960.00 |
| G004 | 4" UNIVERSAL 6-JAW CHUCK FOR WORKHEAD | \$1,320.00 |
| G005 | ADDITIONAL INDEX PLATES, PLEASE SPECIFY SIZE (8,10 OR 12) | \$ 370.00 |
| G006 | DIAMOND TURNING TOOL WITH DIAMOND NIB | \$ 125.00 |
| G007 | 1/2" BORE GRINDING WHEEL FLANGE | \$ 395.00 |
| G008 | SPRING LOADED INDEX PAWL | \$ 660.00 |
| G009 | STANDARD "A" OR "C" COLLETS, EACH | \$ 370.00 |
| G009-INCH | COLLET SET INCH 17 PIECES MONASET STYLE | \$2,690.00 |
| G010 | BROWN & SHARPE # 5, 7, 9 COLLET SET | \$ 420.00 |
| G011 | SET OF 3 GRINDING WHEELS (4" X 1/2" STRAIGHT, 4" X 1/2" DISH & 3-1/2" X 1-1/2" FLARING CUP) | \$ 126.00 |

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Additional Accessories information:

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| Power requirement | 6.5 KVA 3 phase 208V/230Vmax |
| Type of oil for Way oil | Mobil Vactra #2 |
| Coolant capacity | Opt. |

F.O.B.: Pomona, CA. 91768**DELIVERY:** Please check with Novatech 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 <http://www.novatechonline.com/admin/terms-nova.html> for full warranty details & contract.**** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE ****