

VICTOR®

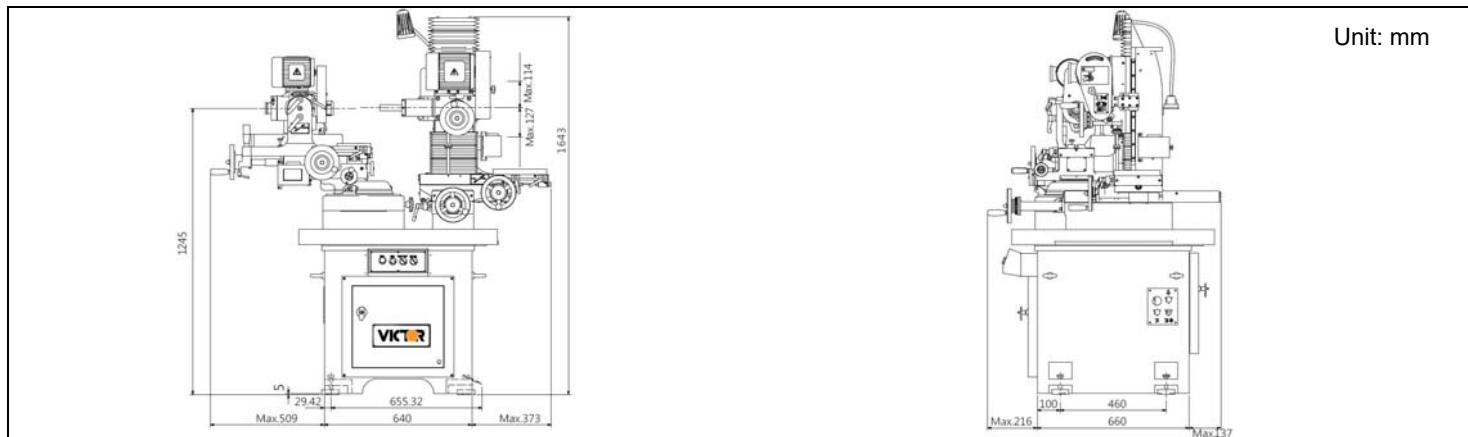
MONASET CM-2

CUTTER AND TOOL GRINDER

FEATURES

- Multiple grinding operations at a single chucking of the workpiece-saves setup time, assures excellent concentricity
- Its versatility for generating straight or tapered, right or left-hand, infinitely variable leads from a simple built-in lead mechanism
- Turntable mounting of entire workhead slide assembly, adjustable through 210 plus degrees in the horizontal plane
- Workhead that is adjustable on separate main slide with dual handwheel control
- Offset slide for workhead spindle permits centerline of spindle to be offset from center of turntable
- Micrometer stop dogs and graduated dials which greatly simplify accurate positioning of workhead main slide, and wheelhead cross and longitudinal slides





SPECIFICATIONS

Workhead capacity		Grinding wheelhead stroke	
Max swing over main slide diameter	12" (304 mm)	X axis – left-right slide travel	4.33" (110 mm)
Max collet work diameter	1.25" (32 mm)	Y axis – total front-to-rear slide stroke	6.69" (170 mm)
Min. collet work diameter	0.20" (5 mm)	Z axis – total vertical slide stroke	9.45" (240 mm)
Max spiral angle	60°	Spindle speed	
Distance between collet nut & tailstock center	5.31" (135 mm)	Workhead speed	440 rpm
Wheelhead		Grinding wheelhead speeds	4000, 6000, 8000 rpm
Grinding wheel diameter	4" (100 mm)	Motor	
Workhead stroke		Workhead	1/4 HP
Main slide travel	5.12" (130 mm)	Grinding wheelhead	1/2 HP
Offset slide travel	3.94" (100 mm)	Dimensions	
Front of center	1.97" (50 mm)	L x W x H	60" x 45" x 65"
Rear of center	1.97" (50 mm)	Weight	2,140 lb. (970 kg)
Workhead angle adjustment			
Rotation of horizontal plane	±105° (210°)		
Rotation of vertical plane	±40° (80°)		

- Specifications are subject to change without notice for further design improvements.

STANDARD MACHINE ACCESSORIES

1. Leveling blocks	9. Grinding wheel guards with extension bar
2. Collets (inch size: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, 1, 1-1/8, & 1-1/4)	10. Grinding wheel flanges: 2 standard and 1 extended flanges
3. Collet wrench	11. Wheel spanner
4. Indexing plates (8, 10, 12 divisions)	12. Cutter holder center gauge
5. Spring-loaded index pawl for workhead indexing plate	13. Workhead gauge for zeroing
6. Diamond dressing tool	14. Wrench set
7. Diamond dressing tool holder or tool support bracket	15. Toolbox and adjusting tools
8. Grinding wheels (WA) (including flat, bowl and dish types)	16. Oil bottle

OPTIONAL MACHINE ACCESSORIES

1. 1/2" wheel flange and spanner	5. Lathe tool grinding attachment
2. 4" universal six-jaw chuck for workhead	6. Adjustable tailstock support unit
3. Wheelhead toothrest set with extension bar	7. Dust collector
4. Grinding device for large face milling cutters	8. Wet grinding attachment



MACHINERY SOLUTIONS, INC.

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