CIVI-2 Cutter Grinder

Technology

Creativity

Reliability

Success

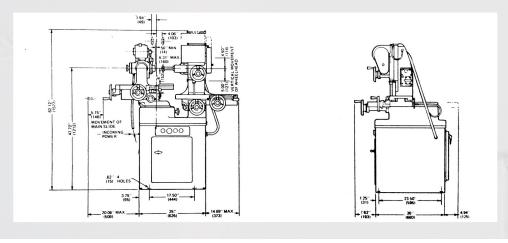




Capacity		
Workhead		
Swing over main slide, max dia	304mm	12"
Collet work diameter max	30mm	1.25"
min	3mm	0.12"
Lead generated by spiral lead machanism, min	45mm	1.81"
Lead between spindle nose and tail center, max	152mm	6"
Wheelhead		
Grinding wheel dia, max	100mm	4"
Range		
Workhead		
Main slide travel	146mm	5.75"
Offset slide travel, total	133mm	5.25"
-front of center	76mm	3"
-rear of center	57mm	2.25"
Workhead angular adjustment		
Horizontal plane (rurmatable base)	235į	
Vertical plane, above center	40j	
below center	40j	
Wheelhead		
Longitudinal slide travel	152mm	6"
Vertical slide travel, total	241mm	9.50"
-above center	114mm	4.50"
-below center	127mm	5"
Cross slide travel, total	190mm	7.50"
-front of center	76mm	3"
-rear of center	114mm	4.50"
Spindle Speeds		
Workhead, one speed	436rpm	
Wheelhead, three speeds	4000, 5729, 8000 RPM	
Motors, Electric		
Workhead drive, AC	1/4HP	0.186kw
Wheelhead drive, AC	1/2HP	0.373kw
Floor Space and Weight		
Area of base only	635mm x 660mm	25"x26"
Area required for machine	1524mm x 1701mm	60"x67"
Height from floor to center of workhead spindle	1212mm	47.72"
Height, overall with wheelhead raised	1517mm	62.12"
Net weight	691kg	1525lbs

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Standard Accessories

Wheelhead toothrest assembly with extension bar	8. Wrench for workhead	
2. Grinding wheel guards with extension bar	9. Toothrest centering gauge.	
3. Front stock support	11.Adjustable tailstock support unit.	
4. Straight cylindrical collets: (Please select "A" or "B") (A) metric sizes: 6, 8, 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 collets: No. 2, 3, 4 morse taper	12.Spring-loaded index pawl for workhead index piates. 13.Levelling blocks	
	14.Standard arbor 15.Screw drive	
	16.Set of wrenches.	
	17.Double-end spanner	
5. Additional diamond truing tool with diamond nib.	18.Set of (4) index plates for spiral lead Machanism 0, 8, 10 & 12 divisions.	
6. Set of (5) grinding wheel flanges.	19.Tool box	
(4)standard and (1)extension flange.	20.Oil bottle	



7. Diamond holder bracket

- 1. Large cutter radius grinding attachment.
- 2. Four-inch universal six-jaw chuck for workhead.
- 3. Additional index plates for spiral lead indexing unit. (Please indicate your sizes of specification)
- 4. Grinding wheel flange for mounting grinding wheel with 1/2" hole
- 5. Additional straight cylindrical collets. (Please indicate your sizes of specification)
- 6. Set of (3) taper collects: No: 5, 7 & 9

Brown and Sharpe (Available for U.S.A. only)



Side milling cutter grinding



Centering device



ARC grinding



Vertical milling cutter grinding



Screw slot surface grinding



Screw angular grinding



Milling cutter end grinding



Grinding outer diameter



Formed milling cutter grinding



Drill bit grinding



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