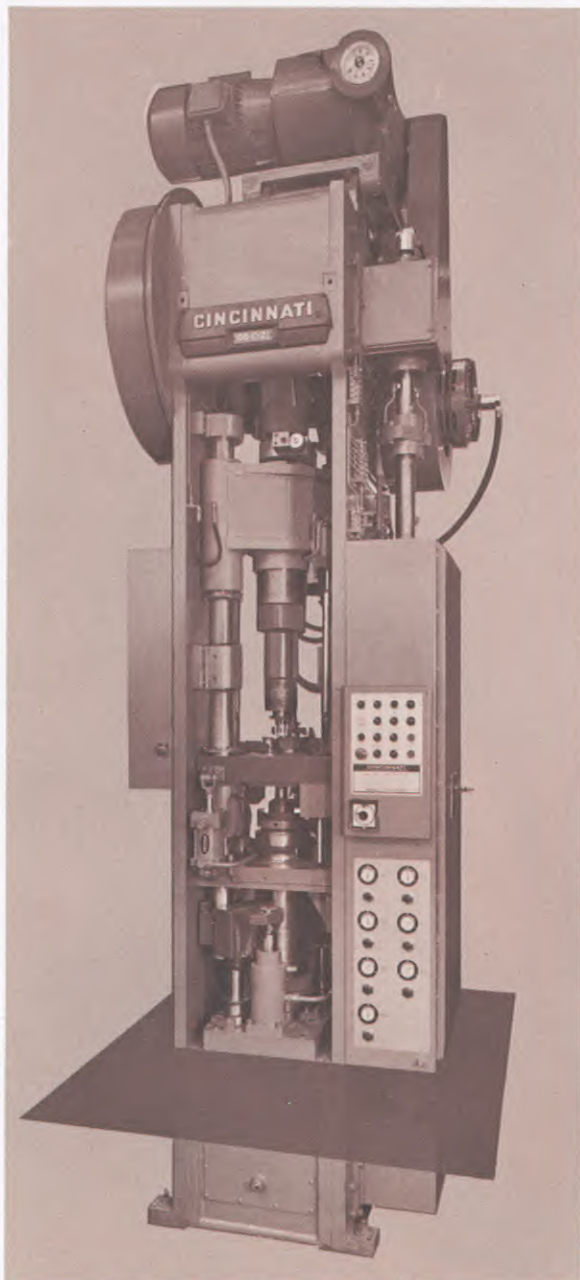


# CINCINNATI®

## 100-C-2½ POWDER COMPACTING PRESS



### CINCINNATI

THE CINCINNATI SHAPER COMPANY  
CINCINNATI, OHIO 45211, U. S. A.

### Hold tight tolerances and cut production time, even with complex parts

Cincinnati's 100-ton, 2½" depth-of-fill press has built-in features that cut the cost of every part. Superior guiding, minimum deflection, simplified high-capacity ejection system, and high stroke speeds all combine to produce more parts per hour than any other comparable press available.

#### SPECIFICATIONS

Capacity	100 tons
Ejection capacity	20 tons
Stroke of upper ram	6"
Strokes per minute	10 - 40
Depth of fill	0 - 2½" max.
Die table capacity	50 tons
Die table stop adjustment	0 to 1½"
Die table opening	7" dia. through hole 8½" dia. counterbore 2" deep
Core-rod capacity	50 tons
Core-rod stop adjustment	0 to 1½"
Feeder	2½" x 2½" high
Feeder stroke	6"
Upper ram adjustment	1¾"
Horsepower	10
Shipping weight	19,600 lbs.
Overall height	15'
Floor to top of machine	12' 10"
Floor space, left to right	60½"
Floor space, front to back	65¾"

The CINCINNATI COMPACTING PRESS ENGINEERING SERVICE will help you design new tooling for your part or assist in adapting existing tooling for use in 100-C-2½ compacting presses.



# S P E C I F I C A T I O N S

<b>CINCINNATI® Rigid-Reflex Compacting Presses</b>		<b>Model 100-C-6</b>	<b>Model 200-C-6</b>	<b>Model 500-C-4½</b>
CAPACITY		100 tons	200 tons	500 tons
EJECTION CAPACITY		50 tons	100 tons	200 tons
DEPTH OF FILL		0-6 " adjustable	0-6 " adjustable	0-4½ " adjustable
DIE FLOAT STROKE		6 "	6 "	4½ "
DIE FLOAT STOP ADJUSTMENT		0-¾ "	0-¾ "	0-2½ "
DIE FLOAT STOP CAPACITY		100 tons	200 tons	400 tons maximum
TOP PUNCH STROKE		8 "	8 "	8 "
TOP PUNCH ADJUSTMENT		5 "	5 "	4½ "
CORE ROD STROKE		0-6 " adjustable	0-6 " adjustable	0-4½ " adjustable
OPENING IN TOP OF DIE PLATEN		11⅛ "	15⅛ "	20⅛ "
OPENING IN BOTTOM OF DIE PLATEN		9⅛ "	11⅛ "	15⅛ "
OPENING IN FEEDER		3 "	4½ "	6 "
HEIGHT OF FEEDER		¾ "	¾ "	¾ "
STROKE OF FEEDER		7 "	9 "	12 "
GUIDE ROD DIAMETER		5 "	5 "	6½ "
STROKES PER MINUTE		10-30 adjustable	10-30 adjustable	6-18 adjustable
OVERALL HEIGHT*		14' 1 "	15' 7½ "	18' 1¾ "
FLOOR SPACE: R-L		68 "	79 "	89½ "
F-B AT FLOOR LINE		44 "	51½ "	58 "
F-B AT TOP OF CROWN, INCLUDING DRIVE UNIT		81 "	88 "	129½ "
APPROX. DOMESTIC SHIPPING WEIGHT*	1 Platen	35,000 pounds	50,000 pounds	95,000 pounds
	2 Platens	38,000 pounds	56,000 pounds	105,000 pounds
	3 Platens	40,000 pounds	60,000 pounds	110,000 pounds
MOTOR		15 HP, TEFC, 5-8% slip	25 HP, TEFC, 5-8% slip	40 HP, TEFC, 5-8% slip
CLUTCH		Air	Air	Air
BRAKE		Spring set, air released	Spring set, air released	Spring set, air released
CONTROLS		J.I.C.	J.I.C.	J.I.C.

The specifications shown refer to standard presses. Variations in weight can be expected with the addition of optional features.