

# STOKES® Model B-2 Rotary Tabletting Press

For economical, automatic production of round and specially shaped tablets

## NEW DESIGN FEATURES

- **Heavy-duty, two-piece rotary head** with ground and polished die table section. Provides maximum strength and long life. Assures cleaner operation and improved tablet quality.
- **Three-point support for feed frame** provides precise and positive locating and leveling across entire area of frame, faster set-ups, and less downtime. Helps prevent material losses.
- **Pin-type, closed grid frame feeding system** affords accurate and uniform die-filling with even the most difficult feed materials. Adjustable opening. Holds material losses to a minimum. Virtually eliminates dust in both feed and transition stages. Helps keep upper punches clean and free-moving. Reduces chance of product contamination.

## OTHER DESIGN FEATURES

- **Bronze worm drive with heavy-duty bearings** and components throughout drive system assures consistent performance with minimum maintenance.
- **Adjustable spring release** maintains desired pressure, protects tool against damage or breakage in case of accidental overload.
- **Dust removal suction nozzle** — positioned above and below the die table—insures clean contamination-free operation.
- **Stainless steel hopper** with vertical adjustment and lock provision.
- **Clutch** — low-effort, manually actuated, multiple-disc type. Smooth and trouble-free.
- **Lower punch leveling adjustment** permits the use of reworked punches.
- **Optimum operation with minimum maintenance** assured by quality design and workmanship throughout.
- **Handwheel control** of press speed, fill and pressure settings.

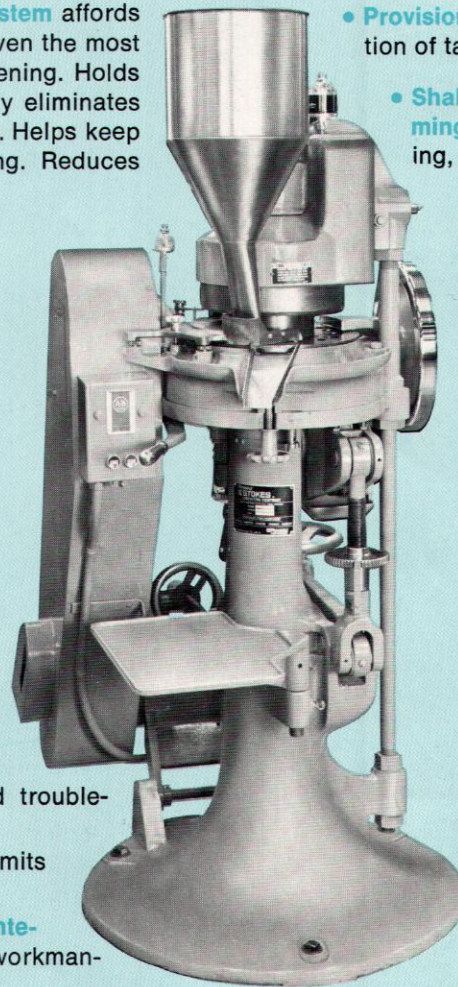
## Adjustable upper roll.

Permits compacting of tablets at various points in the die bores, extends die life, minimizes capping and laminating of tablets.

- **Keywayed upper punch sockets.** Prevent punch from turning when producing tablets of irregular shapes.

## MANY OUTSTANDING OPTIONS TOO

- **Provision for core rod** provides for production of tablets with through holes.
- **Shallow fill system and special camming.** Eliminate excessive punch stroking, reduces recirculated granulation.
- **Hydraulic equalizer and pressure release mechanism.** Permits very close control of density in finished tablet. Allows visual indication of pressing pressure, and a margin of protection for press and tooling in case of accidental overload.
- **Electronic tachometer** to indicate directly the rate of production in tablets per minute.



**Packaging - Processing  
Bid on Equipment**

1-847-683-7720

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## SPECIFICATIONS—Stokes B-2 Rotary Tableting Press

Maximum production rate (tpm) .....	1050
Number of tool stations .....	16
Fill depth, adjustable range (in.) .....	0- $\frac{11}{16}$
Maximum tablet diameter (in.) .....	$\frac{5}{8}$
Maximum operating pressure (tons):	
Standard .....	4
Upper punch entrance (in.):	
Standard .....	$\frac{1}{8}$ - $\frac{3}{8}$
Upper punch stroke (in.) .....	$\frac{1}{4}$
Lower punch stroke (in.) .....	$\frac{3}{4}$
Pressure roll:	
Diameter (in.) .....	8
Face Width (in.) .....	1
Dust collection nozzles and connections:	
Number .....	1
Size, NPS (in.) .....	$\frac{1}{4}$
Recommended dust collection capacity,	
3" H <sub>2</sub> O S.P. @ each nozzle orifice (cfm) .....	50
Hopper Capacity, each (cu. in.) .....	870

## DRIVE

Electrical service (volts, cycles, phase) .....	220 or 440/60/3
Motor:	
Hp .....	1½
Rpm .....	1800
Variable speed pulley drive .....	S.E.
Speed range (tpm) .....	350-1050
Motor starter with start/stop switch .....	S.E.
Start-stop control circuit .....	Optional
T.E.F.C. motor .....	S.E.

## TOOLS—NOMINAL DIMENSIONS

Punch length (in.):	
Upper .....	$\frac{5}{4}$
Lower .....	$\frac{3}{16}$
Punch diameter (in.):	
Upper .....	$\frac{3}{4}$
Lower .....	$\frac{3}{4}$
Die diameter (in.) .....	$\frac{1}{16}$
Die depth (in.) .....	$\frac{7}{8}$

## DIMENSIONS AND WEIGHTS

Overall Height (in.) .....	64
Floor to bottom of discharge chute (in.) .....	37
Width (in.) .....	28
Depth (in.) .....	36
Net weight (lb.) .....	1050
Shipping weight (lb.) .....	1300
Boxed for export (cu. ft.) .....	53

**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE**

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**STOKES**  
TABLETING EQUIPMENT

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