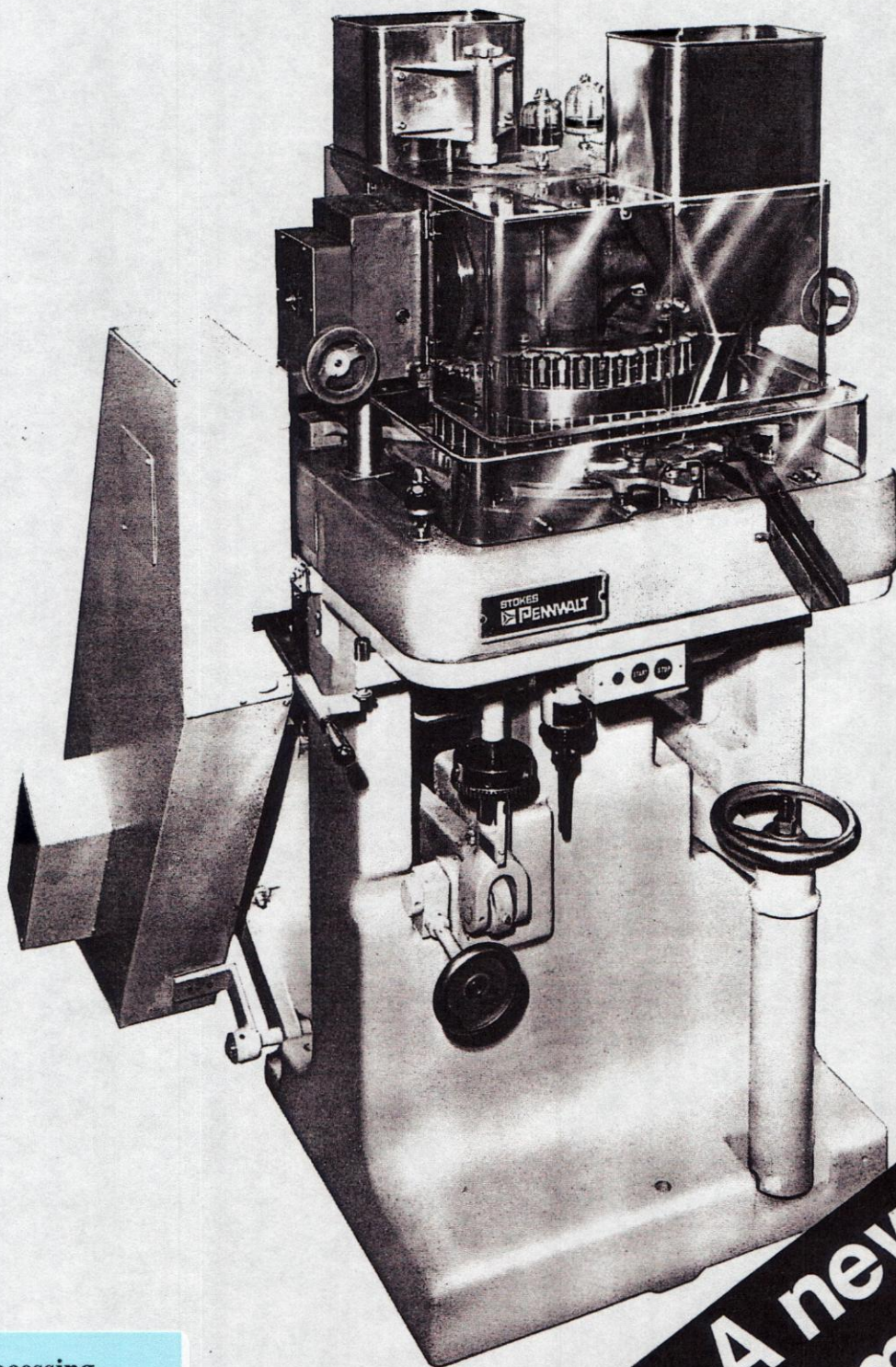


# STOKES® PACER™ TABLETTING PRESS



**Packaging - Processing**  
**Bid on Equipment**

1-847-683-7720

[www.bid-on-equipment.com](http://www.bid-on-equipment.com)

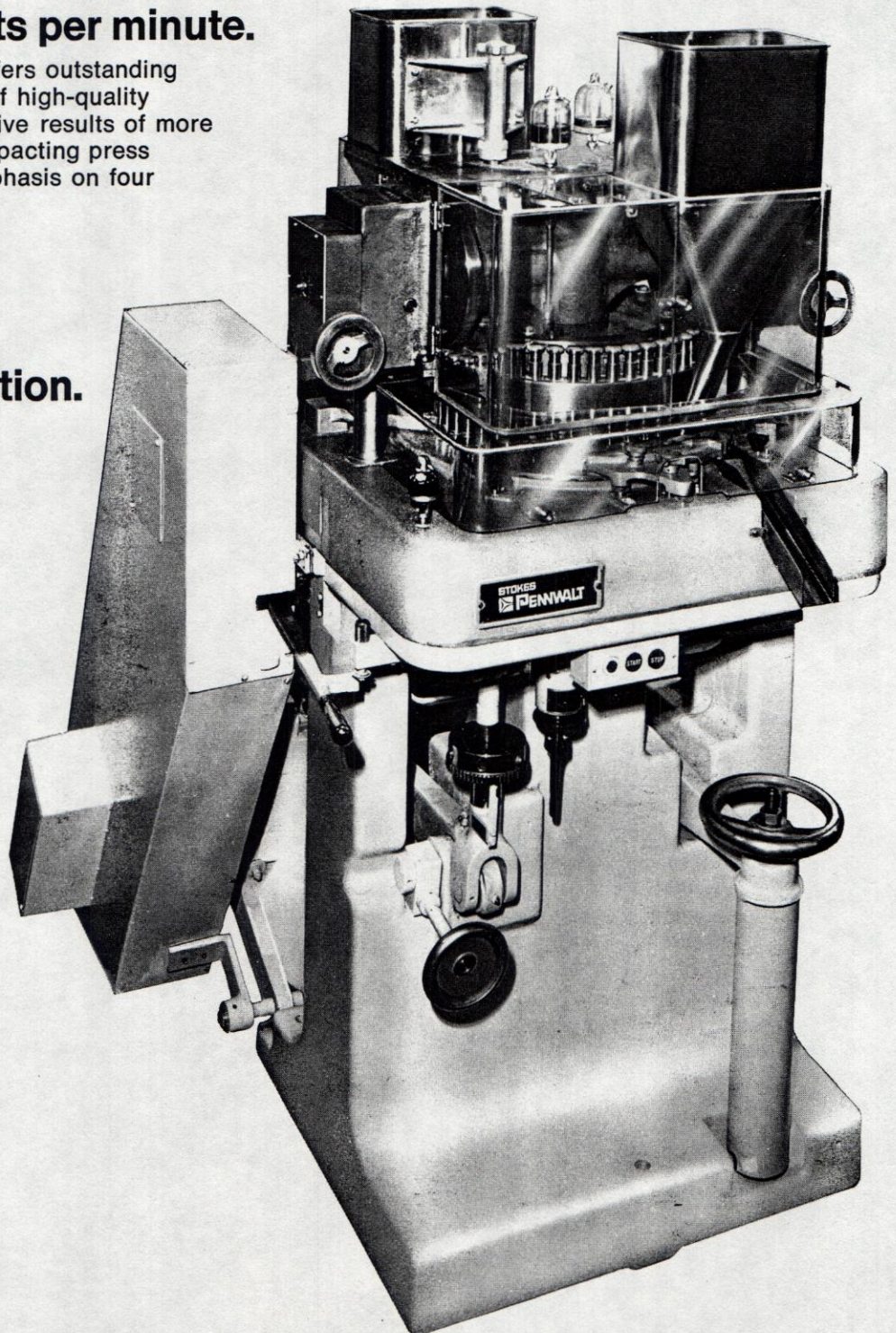
**A new press  
from STOKES**

**A new  
intermediate speed  
rotary press...  
the Stokes PACER.**

**35 and 45 stations for producing  
3200 to 4200 tablets per minute.**

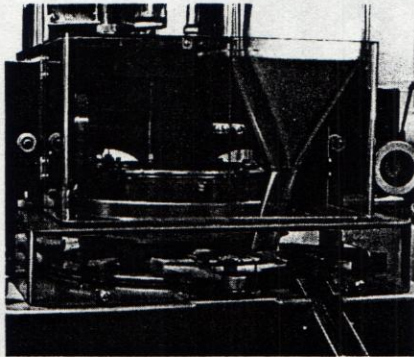
This new Stokes Rotary Press offers outstanding performance in the compacting of high-quality products. Its design, the cumulative results of more than 75 years' experience in compacting press development, places special emphasis on four major factors.

- 1. Cleanliness.**
- 2. Operator protection.**
- 3. Cost-effective operation.**
- 4. Long life, dependable operation with minimum maintenance.**



# Here's what makes the Stokes® Pacer™ such a hardworking press.

## 1. Cleanliness



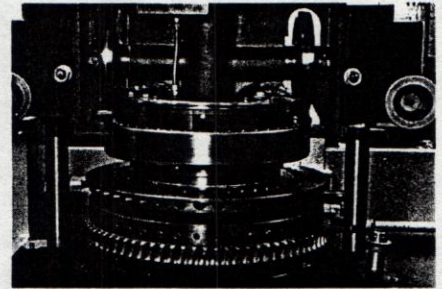
### Product compacting zone.

No pigmented finishes in the product compacting zone. Clear, removable heavy-duty plastic guards confine material to the working area.



### Dust nozzles.

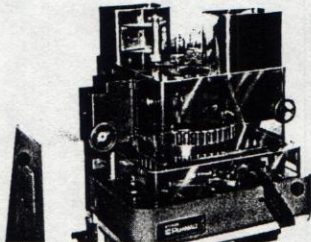
Removal of airborne dust is accomplished by large area dust nozzles positioned above and below the die table. Quick disconnects permit easy removal of dust nozzles for cleaning and a single-point manifold simplifies vacuum connection.



### Easy access for cleaning.

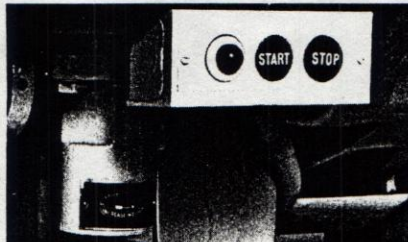
Guards are completely removable for ready access to the entire press—including drive, camming, and pressure rolls.

## 2. Operator Protection



### Safety guards.

Guarding covers all moving parts. Safety guards with interlocks prevent press from operating if guards are open.



### Operating controls.

Depressed start and raised stop buttons are mounted on front of press for easy access.



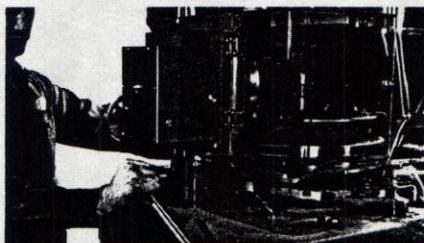
### Clutch shifter lever.

Lever is locked in disengaged position to prevent accidental starting and interlocked with drive motor to prevent starting if lever is not in disengaged position.



### Safety controls.

Combination starter with fused disconnect and control voltage transformer, is supplied for wall mounting.



### Hand wrench.

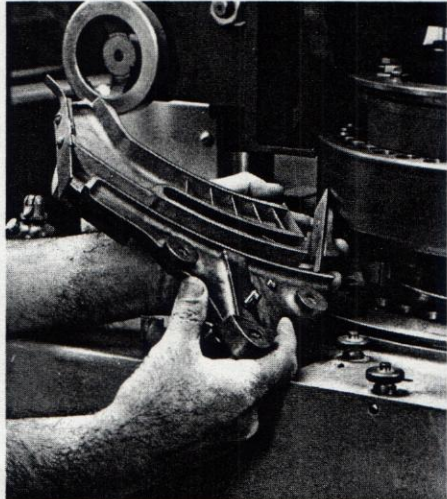
Allows manual turnover for checking of tools and cams.

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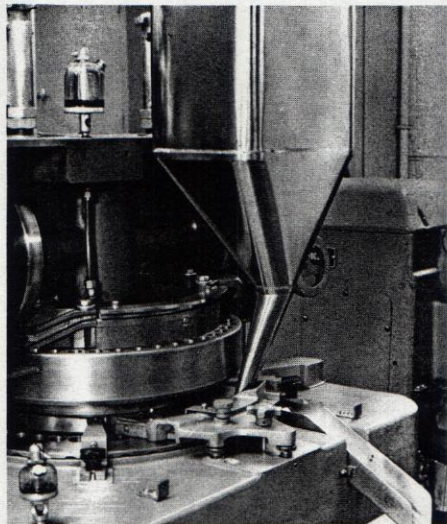
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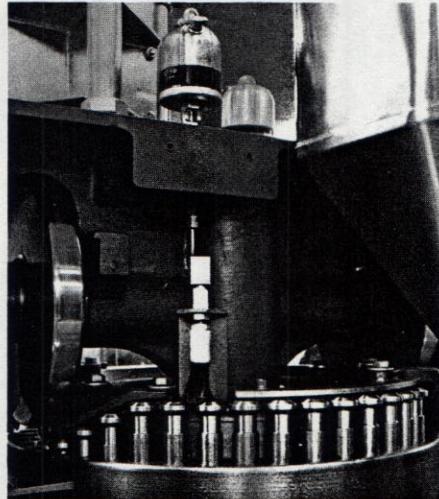
### 3. NEW ALL-ROUND PERFORMANCE FOR COST-EFFECTIVE OPERATION



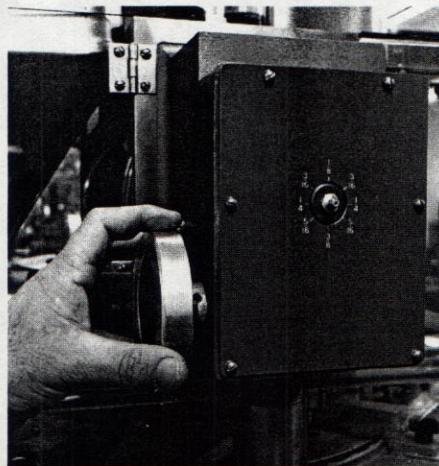
Material feeding and tablet weight control is maintained by the exclusive Stokes pin-type transit-level tunnel feeder. This device funnels materials directly over die cavity. Coupled with pins, this action improves filling of dies. An adjustable gate controls amount of material in the feed frame. And three-point leveling arrangement permits simple and precise set-up of feed frame.



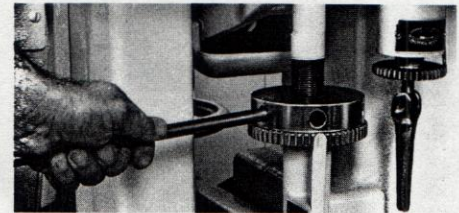
Improved feeding of materials to feed frame is obtained through vertically adjustable rectangular-shaped stainless steel hoppers with short discharge spouts.



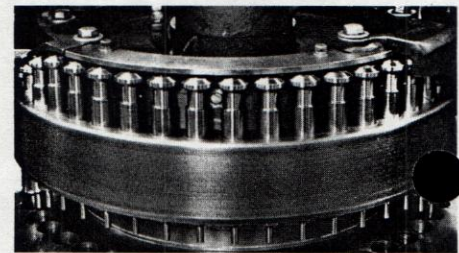
Improved upper and lower punch lubrication system is supplied.



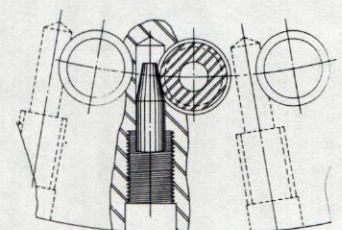
Compaction at various levels in the die through upper adjustable pressure rolls extends die life, and reduces the tendency for tablets to cap. Convenient handwheel control, along with penetration indicator.



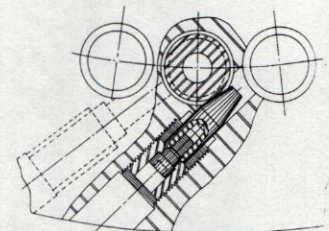
Lever-design adjustment permits easy regulation of tablet hardness and thickness while press is operating.



High speed operation is possible, because of the covered upper dwell camming which controls the movement of the upper punches during the entire cycle.



CONVENTIONAL



CHORD-LOC

With patented Chord-Loc® die arrangement, dies are mounted and locked by die screws placed at an angle to the perimeter of the head. This permits greater number of tooling stations in a given die circle for maximum production at minimum peripheral speed.

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## SPECIFICATIONS — Stokes PACER Rotary Tableting Presses

Maximum production rates (tpm) .....	4200	3200
Number of tool sets .....	45	35
Maximum tablet diameter (in.) .....	$\frac{7}{16}$	$\frac{5}{8}$
Fill depth, adjustable range (in.) .....	0- $\frac{1}{16}$	0- $\frac{1}{16}$
Operating pressure (tons):		
Maximum .....	4	4
With standard release spring .....	1 $\frac{1}{2}$ -4	1 $\frac{1}{2}$ -4
With light release spring .....	0-1 $\frac{1}{2}$	0-1 $\frac{1}{2}$
Upper punch entrance, adjustable (in.) .....	$\frac{1}{8}$ - $\frac{3}{8}$	$\frac{1}{8}$ - $\frac{3}{8}$
Upper punch stroke (in.) .....	1 $\frac{1}{4}$	1 $\frac{1}{4}$
Lower punch stroke (in.) .....	$\frac{3}{4}$	$\frac{3}{4}$
Lower roll adjustment (in.) .....	$\frac{3}{32}$ - $\frac{1}{2}$	$\frac{3}{32}$ - $\frac{1}{2}$
Pressure roll:		
Diameter (in.) .....	8	8
Face width (in.) .....	1	1
Dust collection nozzles and connections:		
Number of orifices .....	4	4
Size .....	2" dia.	2" dia.
Recommended dust collection capacity, 3" H <sub>2</sub> O S.P. @ each orifice (cfm) .....	50	50
Hopper capacity, each (cu. in.) .....	800	800

### DRIVE

Electrical service (volts, cycles, phase) .....	230 or 460/60/3	230 or 460/60/3
Motor:		
Hp. ....	3	3
Rpm. ....	1800	1800
Variable speed pulley drive (3:1 range) .....	S.E.	S.E.
Speed range (tpm) .....	1400/4200	1060/3200
Start/Stop control circuit .....	S.E.	S.E.
T.E.F.C. motor .....	S.E.	S.E.

### DIMENSIONS AND WEIGHTS

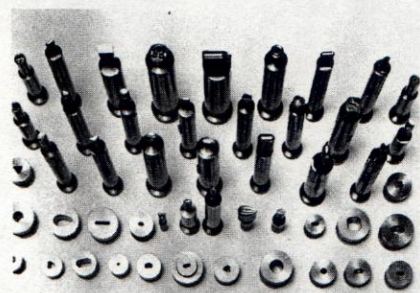
Overall height (in.) .....	65	65
Floor to bottom of discharge chute (in.) .....	37 $\frac{1}{8}$	37 $\frac{1}{8}$
Width (in.) .....	45	45
Depth (in.) .....	49	49
Net weight (lb.) .....	2500	2500
Shipping weight (lb.) .....	2700	2700
Boxed for export (cu. ft.) .....	77	77

### PACER 1

### PACER 2

4200	3200
45	35
$\frac{7}{16}$	$\frac{5}{8}$
0- $\frac{1}{16}$	0- $\frac{1}{16}$
4	4
1 $\frac{1}{2}$ -4	1 $\frac{1}{2}$ -4
0-1 $\frac{1}{2}$	0-1 $\frac{1}{2}$
$\frac{1}{8}$ - $\frac{3}{8}$	$\frac{1}{8}$ - $\frac{3}{8}$
1 $\frac{1}{4}$	1 $\frac{1}{4}$
$\frac{3}{4}$	$\frac{3}{4}$
$\frac{3}{32}$ - $\frac{1}{2}$	$\frac{3}{32}$ - $\frac{1}{2}$
8	8
1	1
4	4
2" dia.	2" dia.
50	50
800	800
230 or 460/60/3	230 or 460/60/3
3	3
1800	1800
S.E.	S.E.
1400/4200	1060/3200
S.E.	S.E.
S.E.	S.E.

Specifications subject to change without notice.



### Stokes punches and dies

In the era of high speed tableting equipment, punches and dies have become an increasingly important part of any tableting operation. They

must be designed and manufactured to provide the longest possible output of tablets.

Stokes Punch and Die Department is staffed by experts in the field of tablet making. This group includes tooling specialists, designers, an artist, and a staff of competent Metallurgical Engineers . . . all with years of experience in their fields.

This staff of experts creates the optimum in new design, and is constantly working to improve the old.

For more information on the new Stokes PACER . . . a better tableting press, contact Sharples-Stokes Division, Pennwalt Corporation, 955 Mearns Road, Warminster, PA 18974. 215-672-7700.

### TOOLS — NOMINAL

### PACER 1 PACER 2

Punch length (in.)		
Upper .....	5 $\frac{1}{4}$	5 $\frac{1}{4}$
Lower .....	5 $\frac{1}{4}$	5 $\frac{1}{4}$
Punch diameter (in.)		
Upper .....	$\frac{3}{4}$	$\frac{3}{4}$
Lower .....	$\frac{3}{4}$	$\frac{3}{4}$
Die diameter (in.) ..	.945	1.187
Die depth (in.) .....	$\frac{7}{8}$	$\frac{7}{8}$

**PENWALT**  
EQUIPMENT ■ CHEMICALS  
HEALTH PRODUCTS