

Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com

STOKES®

NEW MODELS 541 AND 551 ROTARY TABLETTING PRESSES

for high-speed production of uniform quality tablets

Outstanding Design Features

High-speed production—up to 4100 tablets per minute with Model 541—5100 with Model 551.

Centralized controls—located at the front of the press—easily accessible to the operator. Adjustments are made by handwheel at the beginning of a run—changes can be made while the machine is in operation.

Direct-reading dial indicators—tachometer indicates production directly in tablets per minute. Pressure indicator, graduated in tons, permits accurate pressure adjustment.

Centralized lubrication—provides oil under pressure to all vital points of wear in the machine—complete with a replaceable cartridge-type filter and a heavy-duty gear pump for trouble-free lubrication.

Patented hydraulic pressure adjustment—desired compacting pressure is set with manual control for faster, more accurate adjustment.

Individual die screws—die table arranged with one screw to a die to simplify set-up of odd punch and die shapes and to provide greater strength.

Lower roll cams—non-drop inserts prevent double impressions in the production of embossed tablets—regardless of roll setting.

Vibration mounting—no special foundations or attachments needed—entire machine can be levelled.

Handsome, functional styling—panels and aprons completely removable for greater accessibility when cleaning or servicing is required.

Improved dust protection—sealed drive unit and sealed upper punch guards provide maximum protection for moving parts.

Lower floor space requirements—compact design of Stokes machines requires less floor space than other rotary presses.

Other Important Features

- Heavy-duty ball, needle, and roller bearings at all vital bearing points.
- Hardened, replaceable inserts at all adjustment points.
- Punches supported by upper cams at all times.
- Removable upper dwell cam for set-up of odd punch shapes.
- Upper and lower punch lubricators.
- Stainless steel hoppers for smooth powder flow—easily removable for cleaning.
- Feed frames supported at three points to permit transit-type levelling for better material economy.

■ Drive designed for long life with hardened worm gear and replaceable bronze gear ring in head—operated in a sealed oil bath.

■ Easily accessible heavy-duty clutch on worm shaft—connected through a linkage to a low-effort lever on the control panel.

■ Simple, accurate adjustment of lower roll from the control panel.

■ Punch levelling and take-out cams easily adjustable from a position near the flywheel.

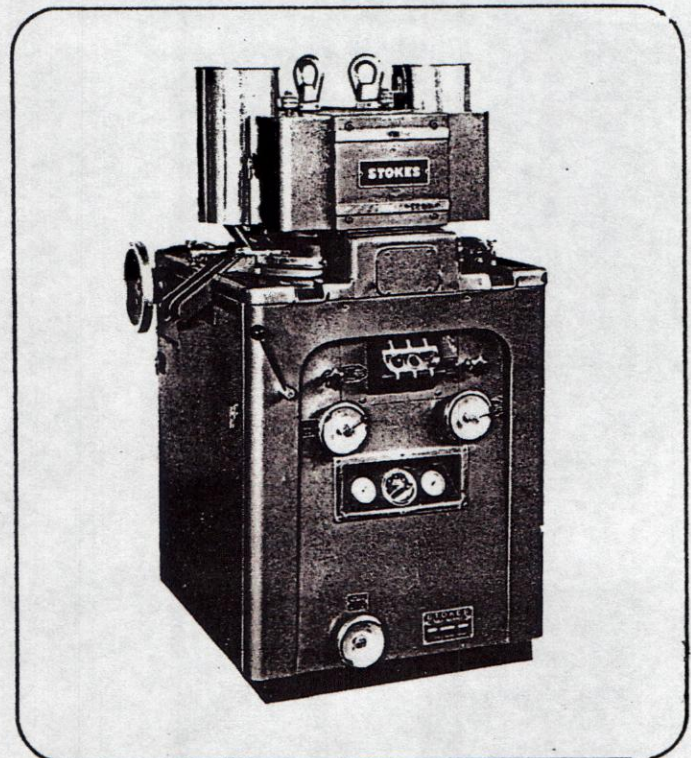
■ Multiple dust nozzles for cleaner operation—collection of all powder at one disposal point.

■ Enclosed variable-speed drive quickly and easily adjustable from the control panel.

■ Completely removable apron for ready access to the drive for cleaning and servicing.

■ Existing tooling from Stokes Model BB-2 presses can be used.

■ Level of material in the hoppers can be inspected from the floor.



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OPTIONAL FEATURES

Exclusive Force-Flo Feeder—for production of uniform tablets from difficult materials in a single operation.

Metering Hopper—for uniform feeding of materials

which tend to "pack up" in the hopper.

"Neckless Punches" on Model 541—for greater strength and rigidity of tooling—lower cost of tooling per tablet.

SPECIFICATIONS

Models 541 and 551 Rotary Tableting Presses

	MODEL 541	MODEL 551
Speed Range (tablets per minute)	1500-4100	1800-5100
Number of Tool Sets	41	51
Max. Tablet Diameter (inches)	$\frac{5}{8}$	$\frac{7}{16}$
Die Diameter (inches)	1.187	.945
Depth of Fill	$\frac{1}{8}$ - $\frac{1}{16}$ inches	
Max. Operating Pressure	4 tons	
Pressure Release Adjustment	0-4 tons	
Min. Upper Punch Release	$\frac{3}{16}$ inch	
Upper Punch Entrance Adjustment	$\frac{1}{4}$ inch	
Std. Punch Length: Upper	5 $\frac{1}{4}$ inches	
Lower	5 $\frac{1}{4}$ inches	
Motor: Horsepower	3	
Max. RPM	1800	
Height: Overall	57 $\frac{1}{2}$ inches	
Floor to Tablet Chute	33 inches	
Width	33 $\frac{1}{2}$ inches	
Depth	35 inches	
Net Weight	2,750 lbs.	
Shipping Weight: Domestic	3,000 lbs. (approx.)	
Export	3,100 lbs.	
Boxed for Export	68 cubic feet	

For complete details and specifications, write: Stokes Pharmaceutical Equipment Department, Pennsalt Chemicals Corporation, P.O. Box 100, Warminster, Pa. 18974.

