

Angelus 93P6

seamer

Quality pre-owned seamer designed for manufacturing square, rectangular or irregularly shaped cans. It has six revolving heads, cans do not revolve during the seaming operation.

Technical specifications

CazProductNumber CPN	5848
Name	Angelus 93P6
Tooling	50*95 mm
Can height min.	76 mm
Can height max.	280 mm
Can shape	irregular (non-round)
Speed (up to)	300 cans per minute

Videos

There are no videos available for this product.

Photos





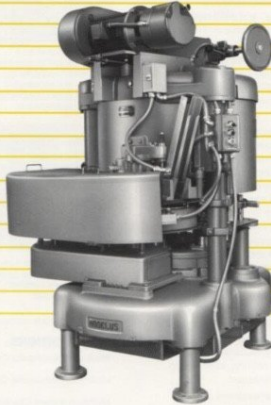


93P
SEAMER



ANGELUS

Model 93P
automatic
SEAMER



For making "F" style irregular cans.
Designed primarily for manufacturing square, rectangular or irregularly shaped cans. The 93P will handle "F" style cans with a maximum base size of one quart.
"F" style cans up to one quart.
Rated Speed 300 cans per minute.
6 head . . . rotary seaming turret.

Represented By:
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Angelus Model 93P Seamer is designed for manufacturing square, rectangular or irregularly shaped cans. The 93P will handle "F" style cans with a maximum base size of one quart.

Rotary Seaming Turret—Six revolving heads are mounted in the rotary seaming turret. Cans do not revolve during the seaming operation.

Simple, proven seaming method—Each seaming head has four seaming rolls—two first operation rolls and two second operation rolls. Each seaming roll is mounted on a vertically pivoted seaming lever which rotates around the periphery of the can. Their path is controlled by a hardened steel box cam with two cam rollers on each lever. One cam roller bears against the inner wall and the other against the outer wall, so that the cam rolls do not reverse rotation as the head

revolves. Vertical and angular adjustment is provided for seaming chucks through the seaming spindle. Angular adjustment is provided on the form cam to adjust to the position of the seaming chuck.

No-can, no-cover feed—Covers are fed through a single roll separator on an inclined stack where the panel depth and profile of covers permits. Otherwise, covers are fed by multiple rolls. The cover feed is actuated by a can passing a mechanical trip lever. The seamer is equipped with a safety clutch in the cover feed drive and also with an electrical stop in case a can is being fed without a corresponding cover. The machine is also equipped with a safety clutch in the cap feed turret drive. All safety clutches actuate a brake motor to stop the machine. Fully curled ends are desired on rectangular or square profiles.



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Low operating and maintenance costs—Simple design and solid construction assure maximum stability and rigidity.

The drive case, cover feed and seaming turret are supported on three tubular columns positioned to give access to the seam adjustment position after opening hinged doors which cover the upper turret and seaming heads.

Adjustable motor base—The drive case has a built-in adjustable motor base. The motor drives the main shaft through V-belt and variable pitch motor pulley. The drive shaft in the worm gear main drive turns 4,666 revolutions per min. The machine does not have a clutch on the main drive; it is provided with a start-stop push-button control with a jogging switch in two locations. A handwheel is provided which is disengaged with the machine running. A stop button is provided so that the machine can be started while the handwheel is engaged.

The feed line remains at a constant height of 30 1/2" (854 mm) for all chain heights. Seaming turret, drive case, and cover feed heights are adjusted simultaneously by a wrench on top of one column, after clamping bolts have been loosened.

NOTE: The Model 93P seamers are capable of being changed from one can size to another within the range of the machine through the substitution of change parts. However, since the change-over may take from 60 to 75 man-hours, we do not recommend consideration of the machine where frequent change-overs will be required.



Can in-feed receives a continuous flow of cans from customer supplied flat top conveyor and accelerates them to a timed relationship with the cap feed turret.



Cover feed—a single roll cover separator on an inclined stack—is actuated by the can as it passes through the cover feed turret. Multiple roll separators are available for covers that are difficult to stack.



Can discharge passes cans through the discharge turret onto a customer supplied discharge conveyor.



Seaming heads each contain two first and two second operation seaming rolls mounted on tapered bearings. Rolls follow the can configuration through the use of form cams.

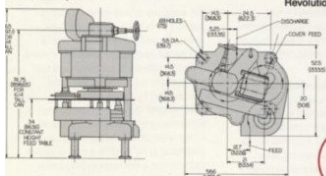
Shown with guards removed, for illustration purposes only.

SPECIFICATIONS:

Minimum Rectangular Can Size	15" x 21" x 21" Diagonal (41 x 57 x 60 mm)
*Maximum Rectangular Can Size	21 1/4" x 4 1/2" x 4 1/2" Diagonal (68 x 118 x 124 mm)
Minimum Square Can Size	21" x 21" Diagonal (68 x 118 x 124 mm)
Maximum Square Can Size	31" x 4 3/4" Diagonal (95 x 122 mm)
Minimum Can Height	3" (76 mm)
Maximum Can Weight	11" (280 mm)
Net Weight, Approximate	6,700 lbs. (3039 kg)
Gross Weight—Domestic	7,100 lbs. (3220 kg)
—Export	8,050 lbs. (3651 kg)
Export Box Size	65" x 69" x 88" high (165 x 175 x 223 cm)
Export Volume	228 cu. ft. (6,455 m ³)
Horizontal	
Revolutions of Drive Pulley per can	4 1/2"

NOTES:

1. Customers with can sizes that do not fall within the range specified, should contact Angelus for a complete engineering check.
2. The basic machine can be modified using additional parts to reduce the minimum height of can from 3" (76 mm) to 1½" (38 mm).
3. The 93P is a can manufacturing seamer only and is not designed for use in a can closing operation.
4. The maximum rectangular can size width may exceed the 2" 1/8" (68 mm) dimension up to 3 3/4" (95 mm) provided the diagonal is no more than 4 7/8" (124 mm).



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