

## Angelus 93P6

### sertisseuse

Sertisseuse d'occasion de qualité conçue pour la fabrication de boîtes carrées, rectangulaires ou de forme irrégulière. Elle possède six têtes tournantes, les boîtes ne tournent pas pendant l'opération de sertissage.

### Spécifications techniques

|                          |                       |
|--------------------------|-----------------------|
| CazProductNuméro<br>CPN  | 5848                  |
| Nom                      | Angelus 93P6          |
| Outillage                | 50*95 mm              |
| Hauteur min. de la boîte | 76 mm                 |
| Hauteur max. de la boîte | 280 mm                |
| Forme de la boîte        | irregular (non-round) |
| Vitesse jusqu'à          | 300 cans per minute   |

### Vidéos

Il n'y a aucune vidéo pour ce produit.

### Photos







**93P  
SEAMER**

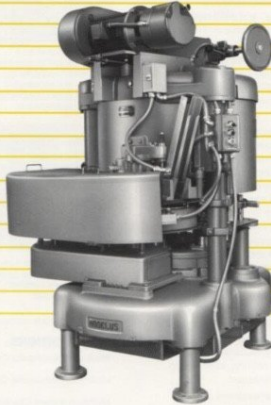


**ANGELUS**

**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:  
聯合工程服務（新加坡）私人有限公司  
ASSOCIATES BEVERAGE ENGINEERING SERVICES (SINGAPORE) PTE LTD  
53 KIM KEAT ROAD #05-03  
MUN HEAN BUILDING SINGAPORE 328623  
TEL: 481 5365 FAX: (65) 481 5408



**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.



**93P**  
**SEAMER**

**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.

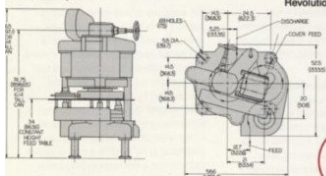
Shown with guards removed, for illustration purposes only.

**SPECIFICATIONS:**

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Minimum Rectangular Can Size        | 15" x 21" x 21" Diagonal<br>(41 x 57 x 60 mm)             |
| *Maximum Rectangular Can Size       | 21 1/4" x 4 3/4" x 4 3/4" Diagonal<br>(68 x 118 x 124 mm) |
| Minimum Square Can Size             | 21" x 21" Diagonal<br>(53 x 53 mm)                        |
| Maximum Square Can Size             | 31" x 4 3/4" Diagonal<br>(85 x 122 mm)                    |
| Minimum Can Height                  | 3" (76 mm)                                                |
| Maximum Can Height                  | 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. (6.45m <sup>3</sup> )                         |
| 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).



# ANGELUS

SINCE 1910

ANGELUS SANITARY CAN MACHINE COMPANY □ 4900 PACIFIC BLVD., LOS ANGELES, CA 90058 • (213) 583-2171 • TX: 0674288 • FAX: (213) 587-5607  
ANGELUS MACHINE CORPORATION INTERNATIONAL □ BELCROUVINLAAN 44, B-2100 DEURNE, BELGIUM • (32) 3 325 69 20 • TX: 35331 • FAX: (32) 3 325 56 33  
□ DE' SALIS DRIVE, HAMPTON LOVETT IND. EST. DROITWICH, WORCS. WR9 0DF, U.K. (905) 779602 • TX: 335434 • FAX: (905) 771882

Form No. 93P-292

PRINTED IN U.S.A.

