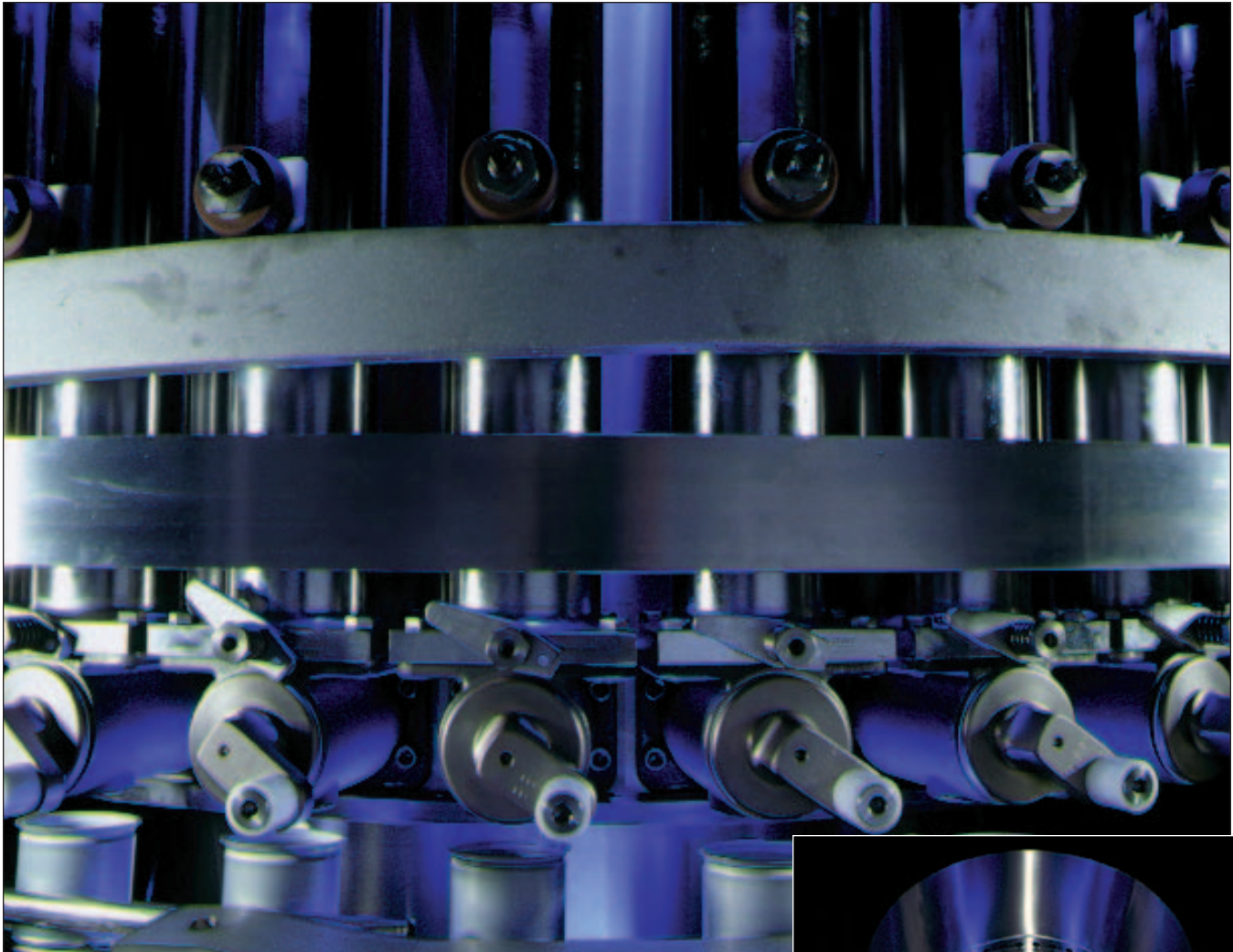


## Rotary Piston Filler



### Features:

- Proven method of volumetric filling
- Rapid, easy, no-tool size changes
- No bottle/No fill feature
- Fills a wide range of product viscosities
- Simple to maintain
- Sanitary design construction
- Corrosion resistant exterior finish
- Handles a large volume range
- Filling accuracy to +/- .05 fluid oz. depending on volume and product characteristics



# Barry-Wehmler

# Rotary Piston Filler

The Pneumatic Scale/ Consolidated Filler is a volumetric piston filler capable of accurately and efficiently filling a wide variety of products ranging from fruit juice to paste wax. In operation, product is drawn into a cylinder as the piston is lifted by the piston roller traveling up an inclined cam track. At the top of the piston stroke the valve is rotated, closing the intake port and opening the discharge port. On the down-stroke, the piston gently moves the product out of the cylinder, through the valve and into the container. If no container is present, the valve remains in the intake position and the product is gently returned to the filler bowl.

## Additional Features:

- ALL PRODUCT CONTACT PARTS 316 STAINLESS STEEL OR FDA COMPLIANT POLYMER
- FILLER BOWL SLOPED FOR EASY DRAINAGE
- VARIABLE FREQUENCY AC DRIVE SYSTEM
- MACHINE SAFETIES
- CLEAN DESIGN STAINLESS STEEL CONVEYOR CONSTRUCTION
- NEMA 4 ELECTRICS WITH NEMA 4 ENCLOSURES
- PTFE-SLEEVED OR WAUKESHA VALVE PLUG AND STAINLESS STEEL PISTON WITH PTFE SNAP RINGS AND O RINGS
- NO TOOL REMOVAL OF PISTONS AND VALVE PLUGS

## Optional Features:

- VOLUME CONTROL BY MOTORIZED FILLING CAM
- PRODUCT LEVEL CONTROL
- COMPLETE FLUSH IN PLACE SYSTEM INCLUDING SPRAY BALL AND SPRAY BARS
- INDIVIDUAL PISTON ADJUSTMENT
- S.S. FRAME BARRIER GUARD WITH LEXAN DOORS
- MOTORIZED BOWL HEIGHT ADJUSTMENT
- S.S BOWL COVERS
- BOTTOM UP FILL SYSTEM
- MONOBLOCKED CAPPER AVAILABLE ON SOME SIZES
- TANK AGITATION
- COUNTERCLOCKWISE ROTATION
- EXPLOSION PROOF ELECTRICS

## Rotary Piston Filler Technical Specifications

Model Number	RP-10	RP-14	RP-21	RP-28*	RP-35LF	RP-36	RP-54	RP-7G	RP-14G
<b>Operating Data</b>									
Rated Speed (cpm)**	100 to 300	150 to 400	225 to 600	300 to 800	375 to 800	375 to 1000	500 to 1500	40 to 100	80 to 200
Number of stations	10	14	21	28	35	36	54	7	14
Container diameter	202 to 404	202 to 404	202 to 404	202 to 404	202 to 404	202 to 404	202 to 303	401 to 700	401 to 700
Capacity of fill (fluid oz)†	52	52	52	52	52	52	52	160	160
Capacity of filler bowl (gal.)	9	25	41	88	171	153	250	15	82
Horsepower required	1	1 1/2	1 1/2	2	5	3	5	1 1/2	2
Floor area (sq. ft), approx.	15	21	25	30	57	45	50	21	30
<b>Dimensions (inches)</b>									
A Filler bowl diameter	11 3/4	19 1/4	26 1/4	37	47 1/4	50	59 1/4	14	31 1/4
B Height above feed line (less container)	22	22	22	22	36 1/4	25 1/2	25 1/2	27	27
C Width, approx.	39	52	55	55	83	71	71	52	55
D Length, approx.	54	56	65	78	98	91	102	56	78
E Feed line height (adjustable)††	30 to 34	30 to 34	30 to 34	30 to 34	30 to 34	30 to 34	30 to 34	30 to 34	30 to 34
F Centerline of legs	23 1/4	23	23	23	37 11/16	48	48	23	23
G Feed star centerline	17 1/4	15 1/4	15 1/4	16 1/4	12 11/16	17 1/4	17 1/4	15 1/4	15 1/4
H Can path radius	10	14	17 1/2	22 1/4	28 11/16	29 1/4	33 11/16	14	22 1/4
<b>Shipping Information</b>									
Net weight (lb.) approx.	2350	2875	3800	4150	10,000	8950	9150	2600	3600
Crated weight (lb.) approx.	2550	3190	4150	4485	10,500	9450	9700	3075	4250
Boxed for export (lb.) approx.	2800	3575	4400	4900	11,000	9900	10,300	3475	4700
Displacement of export box (cu. ft.) approx.	140	140	140	140	490	240	460	140	140

\* 28 stations also offered on RP-21 frame to handle 300 to 800 cpm, 303 dia. can maximum size, 24 oz.-fill. Dimensions for RP-21 apply.

\*\* Filling speeds depend on product, temperature and container size.

† Subject to size of cylinders furnished.

†† Longer base legs can be provided.

## Pneumatic Scale Angelus Corporation

10 Ascot Parkway • Cuyahoga Falls, OH 44223 USA • 330/923-0491  
 5320 140th Avenue North • Clearwater, FL 33760 USA • 727/535-4100  
 4900 Pacific Boulevard • Los Angeles, CA 90058 USA • 323-583-2171  
 Otto-Hahn-Str. 54 • 63303 Dreieich-Sprendlingen Germany • + 49 6103 380 990  
[www.pneumaticscales.com](http://www.pneumaticscales.com)