

# AUTIO PUMPS - PROVEN PRODUCT TRANSFER SOLUTIONS...



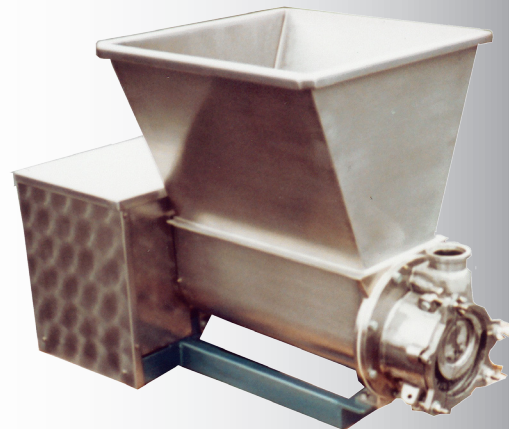
SPECIALIZED EQUIPMENT FOR THE FOOD INDUSTRY

FOR NEARLY 70 YEARS, AUTIO'S POSITIVE-DISPLACEMENT ROTARY VANE PUMPS HAVE PROVIDED RELIABLE, COST-EFFECTIVE TRANSFER SOLUTIONS FOR THE TOUGHEST PRODUCT APPLICATIONS. AUTIO PUMPS ARE AVAILABLE AS A STAND-ALONE APPLICATION OR AS AN ADD-ON TO YOUR EXISTING PROCESSING EQUIPMENT.

- ✓ EFFECTIVELY TRANSFERS GROUND MEAT, FISH, POULTRY AND OTHER SEMI-SOLID PRODUCTS.
- ✓ HANDLES A VARIETY OF PRODUCT SIZES, FROM SMALL TO VERY COARSE, INCLUDING GROUND AND CHUNKED MEATS, FATS, BONES, SLURRIES, RESIDUES, WASTE.
- ✓ SAVES PRODUCT BY ELIMINATING CONVEYORS, BELTS AND OTHER TRANSFER EQUIPMENT THAT LOSE MATERIAL.
- ✓ LOW MAINTENANCE, EASY CLEANUP.
- ✓ TRANSFERS UP TO 2 1/2 LBS. PER REVOLUTION.
- ✓ THREE PUMP SIZES AVAILABLE. OUTPUTS UP TO OVER 40,000 LBS. PER HOUR.
- ✓ AVAILABLE IN STAINLESS STEEL, PLATED OR BLACK.
- ✓ AVAILABLE IN COMPLETE PUMPING UNIT WITH MOTOR & GEAR BOX OR AS PUMP ONLY FOR USE IN YOUR EXISTING PRODUCTION LINE.
- ✓ USDA APPROVED.
- ✓ CUSTOM BUILT TO ORDER.
- ✓ NOW AVAILABLE IN MULTIPLE VANE CONFIGURATIONS FOR INCREASED METERING EFFICIENCY

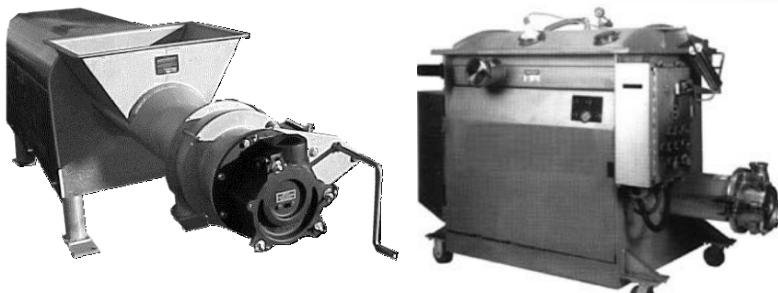


Autio Rotary Vane Pump



Autio Pumping Unit with hopper attached.  
Hopper built to your specifications

**OEM OPTIONS:** Autio Product pumps can be readily used as a component in your existing equipment lines and applications



**FOR MORE INFORMATION  
OR FOR A QUOTE  
CALL (800) 483-8884  
or e-mail [sales@autioco.com](mailto:sales@autioco.com)**

Autio Products must be installed and operated in accordance with all applicable health and safety regulations. Guards and safety equipment are not shown in photos.

93750 Autio Loop • Astoria, Oregon 97103 USA  
Phone: (503) 458-6191 • (800) 483-8884  
Fax (503) 458-6409 • Web: [www.autioco.com](http://www.autioco.com)

# AUTIO PUMP VOLUMETRIC PERFORMANCE TABLE

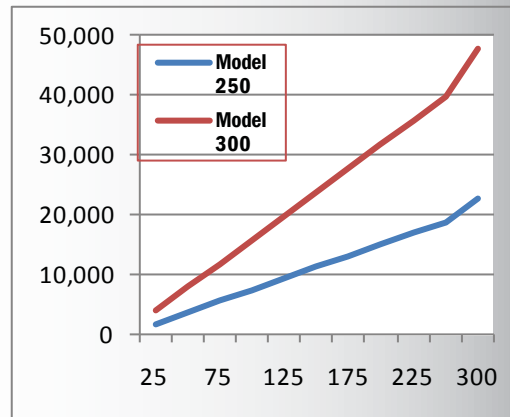


SPECIALIZED EQUIPMENT FOR THE FOOD INDUSTRY

## Autio Model 250 2.5" Pump Performance\*

RPM	Lbs/Sec	Lbs/Min	Lbs/Hr	Typical HP
25	0.525	31.50	1,890	3/4 - 3
50	1.050	63.00	3,780	3/4 - 3
75	1.575	94.50	5,670	1 - 5
100	2.100	126.00	7,560	2 - 5
125	2.625	157.50	9,450	3 - 5
150	3.150	189.00	11,340	3 - 5
175	3.675	220.50	13,230	5 - 7.5
200	4.200	252.00	15,120	5 - 7.5
225	4.725	283.50	17,010	5 - 7.5
250	5.250	315.00	18,900	5 - 10
300	6.300	378.00	22,680	5 - 10

Production (Lbs/hour at specified RPM)



### Assumptions:

Theoretical maximum performance at .0337 cubic foot per revolution for Model 250, .0706 cubic foot per revolution for Model 350

Typical actual performance of 75% of theoretical maximum, or .0252 cubic ft. per revolution for Model 250 and .0252 cubic ft. per revolution for Model 300.

1 cubic foot = 50 Lbs.

## Autio Model 300 3" Pump Performance\*

RPM	Lbs./Sec.	Lbs/Min	Lbs/Hr	Typical HP
25	1.102	66.13	3,968	1-5
50	2.204	132.25	7,935	2 - 5
75	3.306	198.38	11,903	1-5
100	4.408	264.50	15,870	5 - 7.5
125	5.510	330.63	19,838	5 - 10
150	6.613	396.75	23,805	5 - 10
175	7.715	462.88	27,773	7.5 - 10
200	8.817	529.00	31,740	7.5 - 10
225	9.919	595.13	35,708	10 - 15
250	11.021	661.25	39,675	10 - 15
300	13.225	793.50	47,610	10 - 15

\*NOTES: Results will vary depending on the actual application used. Pump volumetric efficiency may decrease with:

1. Head pressure
2. Product viscosity & particle size
3. Pump wear

Sample values shown above assuming the following applications:

1. Moderate head pressure (2 ½ pump to 3" line, 3" pump to 4" line, 25 ft. run, 6 ft. rise)
2. Medium viscosity product (emulsified bone, 3/8" ground fish)
3. Modest pump wear (1/8 flat on vane ends, 2 1/2 " pump)

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