

Brown Multivane Finisher Model 5900 Series 5950

We're committed to a collaborating customer-focused approach that leverages innovation, knowledge and experience to put you in control of your process.



New innovation, quality attributes

The **Brown Multivane Finisher** is a hybrid citrus-processing machine combining elements of Brown's screw and paddle series of finishing equipment. Sloped vanes fixed around a large shaft spin product against the surface of perforated screens, expelling juice through the perforations while retaining the solids and conveying them towards the pomace chute at the discharge end of the machine.

What makes it more efficient?



1

ENHANCED RANGE OF CONTROLS RELATED TO JUICE QUALITY ATTRIBUTES

2

EXTENDS THE RANGE OF PERFORMANCE OF SCREW & PADDLE FINISHERS

3

UNIQUE ABILITY TO PRODUCE HIGH YIELD JUICES OF EITHER THIN OR THICK CHARACTERISTICS

4

CAPACITY TWICE THAT OF A SCREW FINISHER AND UP TO THREE TIMES OF A PADDLE FINISHER

5

AND MANY MORE!

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HOW IT WORKS:

The unique design of the Multivane finisher allows use of a variety of precision fit metal alloy screens with perforations of various sizes which reduce or eliminates tendency of screen blinding and diminished capacities. Screen blinding commonly occurs with screw, paddle, and fabric type finishers when using very small perforations. In general, it has been found that significant loss in performance occurs when screens smaller than 0.016" installed on screw finishers and screens smaller than 0.010" when installed on paddle finishers.

With the Multivane the range has been extended to 0.008" and 0.006" screen perforations which allows production of NFC juices similar in consistency to that achieve by fabric filters but generally with a dryer pulp discharge resulting in higher juice yields.

TECHNICAL INFORMATION:

| SPECIFICATIONS | |
|----------------------|---|
| Throughput/Capacity | 40 to 100 GPM |
| Dimensions/Weight | 94 in L x 35 in W x 48 in H / 2250 lbs 2.39 m L x .89 m W x 1.22 m H / 1020 kg |
| ELECTRICAL | |
| Main Motor | 30 HP |
| Power Input | 460-380 VAC |
| Power Phase/Power Hz | 3 / 50-60 |
| Total Current Draw | 60 AMP |
| WATER/AIR | |
| CIP - Wash System | 100 PSI, 8 CFM |
| Air | 120 PSI, 0.4 CFM |



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