

# Brown Screw Finisher Model 2503 Series 2507

Control that you can depend on.

Extracting excellence doesn't stop at citrus.

Brown offers solutions for non-citrus finishers with over 200 applications, providing a wide variety of end products.



## Start strong, finish strong

With over 200 performance-proven applications and offering unmatched output characteristic control, the **Brown Series 2507 Finisher** is a high-efficiency, low-maintenance, sustainability-focused solution to nearly any liquids separation challenge, including:



1

EXTRACTING FRUIT &  
VEGETABLE JUICES

2

REMOVING FINE PULP  
SOLIDS

3

DEWATERING WASTE  
STREAMS

4

FILTERING INORGANIC  
PARTICULATES

5

AND MANY MORE!

# Brown Screw Finisher Model 2503 Series 2507

Extractor • Filter • Finisher • Separator

## HOW IT WORKS:

Using a straightforward yet robust design, the **Model 2503 Series 2507 Screw Finisher** efficiently separates product into solid and liquid component streams at optimum yield.

- Product enters a wide-throat chute and is conveyed into the screen cage assembly by the leading flight of the feed screw
- A double-flight close-tolerance feed screw conveys the product along the cage while applying pressure with a pneumatic-controlled valve
- Juice and filtered liquids pass through the screens and fall into the drain pan below to be pumped from the finisher
- Dried solids are retained by the screens and push past the valve to an exit chute for easy collection

## FEATURES AND BENEFITS

- **A broad range of screen perforation sizes (0.010" - 0.094") to tackle diverse applications, from bulk solids dewatering and leafy greens pressing to fine grit screening and juice pulp removal.**
- **Full-range control of pneumatic valve back-pressure, allowing for precise fine-tuning of product characteristics.**
- **Tool-free access to screens assembly, feed screw, and air controls for on-the-fly parameter adjustments and minimized maintenance downtime.**
- **Options packages for specialized requirements.**

## TECHNICAL INFORMATION:

SPECIFICATIONS	
Throughput/Capacity	Up to 150 GPM
Dimensions/Weight	85 in L x 30 in W x 47 in H / 1900 lbs 216 cm L x 76 cm W x 119 cm H / 862 kg
ELECTRICAL	
Main Motor	5HP - 30HP
Power Input	230-460-380 VAC
Power Phase/Power Hz	3 / 50-60
Total Current Draw	(15.2-104) (7.6-52) (9.7-66)
WATER/AIR	
Process Water	0 GPM
CIP - Rotary Wash	55 GPM
Air	0.4 CFM



## Get in touch:

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