

# Model 2503

TEA - ESSENCE FINISHER

## Tea

---

- ✓ Industry-tested and experience-proven solution to tea processing needs.
- ✓ Handles up to 4 tons per hour of hot tea leaf blend.
- ✓ Screen size range gives fine control of solids content and liquid extraction.
- ✓ Stainless steel construction & sanitary design endures harshest product conditions.



# Brown Paddle Finisher Model 2503

## 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

## TECHNICAL INFORMATION:

| SPECIFICATIONS       |  |
|----------------------|--|
| Throughput/Capacity  | Up to 150 GPM  |
| Dimensions/Weight    | 85 in L x 30 in W x 47 in H / 1900 lbs<br>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  |

| Category  | Product      | Application   |
|-----------|--------------|---------------|
| Bean      | Coffee       | Essence       |
| Fish      | Fish Protein | Dried Protein |
| Fruit     | Citrus       | Juice         |
| Fruit     | Pineapple    | Juice         |
| Fruit     | Apple        | Juice/Sauce   |
| Fruit     | Strawberry   | Juice/Puree   |
| Plant     | Aloe Vera    | Juice/Gel     |
| Vegetable | Tomato       | Juice/Paste   |

\*For additional applications, please contact us.

## Get in touch:

### Brown International, LLC

333 Avenue M, NW  
PO Box 713  
Winter Haven, FL 33881 USA

[brown-intl.com](http://brown-intl.com)

**p** 863 299 2111  
**f** 863 294 2688  
**e** [info@brown-intl.com](mailto:info@brown-intl.com)



A GULFTECH FAMILY BRAND