

ROBERTS I-SERIES

Continuous Centrifugal

1100 | 1300

The Roberts® I-SERIES Continuous Centrifugal is the most productive continuous centrifugal available. Two innovative Western States' designs combine to provide maximum throughput with very low final molasses purity: the cast stainless steel basket with machined annular grooves for large drainage area, and the side feed system with complete massecuite conditioning.

Design Features

State of the art, centrifugally cast, stainless steel basket with larger holes and grooves for superior purging

Exclusive Side Feed Design for reduced crystal breakage and minimal purity rise (Center feed option available)

Multi-point internal suspension for superior vibration isolation and reliability

Gentle "guide-rod" style massecuite conditioning system minimizes crystal breakage and limits dissolved sugar

Best long term value based on tons of sugar produced per hour

Touch screen controls with intuitive interface

Simplified maintenance:

- Faster screen changes
- Minimal screen segments
- Top accessible bearing housing
- Easy access belt tunnel



ROBERTS I-SERIES

Continuous Centrifugal 1100 | 1300

	1100	1300
A, B Masecuite	28-36 MTPH	40-46 MTPH
C Masecuite	14-18 MTPH	18-22 MTPH
Motor	125 HP	150 HP



10-Point Suspension with Basket



Internal 10-Point Suspension without Basket

Multi-Point Suspension

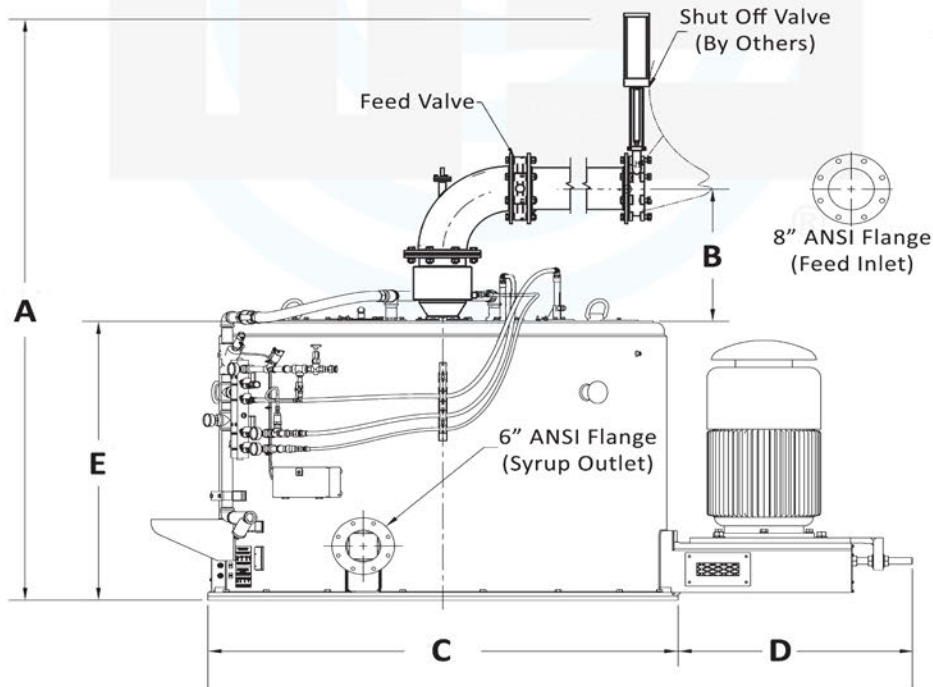
The basket and bearing housing are supported internally, separate from the curb, at eight points on the TITAN-1100 and ten points on the TITAN-1300 continuous centrifugal. On some competitive machines, the entire assembly, curb and all, is supported externally. Thus, vibrations are being transmitted to the entire centrifuge and the support structure.

NOTES: Final capacity results will depend on the quality of the masecuite and existing process conditions.

*Performance depends on options selected at purchase.

**MTPH is an abbreviation for Metric Tons Per Hour.

ROBERTS I-SERIES CONTINUOUS CENTRIFUGALS OVERALL DIMENSIONS



Model	A	B	C	D	E
1100	107.9" (2740.7 mm)	25.3" (642.6 mm)	82.7" (2100.6 mm)	42.5" (1079.5 mm)	49.1" (1247.1 mm)
1300	113.5" (2882.9 mm)	25.3" (642.6 mm)	82.7" (2100.6 mm)	42.3" (1074.4 mm)	54.8" (1391.9 mm)