

# WESTERN STATES Continuous Centrifugals go head-to-head with BMA on "C" massecuite



Independent testing conducted at a major sugar mill by the *Sugar Milling Research Institute\** of South Africa in October 2003, proved in a side-by-side test between a **Western States TITAN 1300** and BMA K2300 (both 1300mm continuous centrifugals), that *the Western States centrifugal has more than double the throughput and lower purity rise.* Average purity rise for **Western States** was 1.6% or 0.53% points lower than BMA. That means retaining an average of 2.0 kgs of sucrose per 1,000 kgs of massecuite.

\*complete test report available upon request

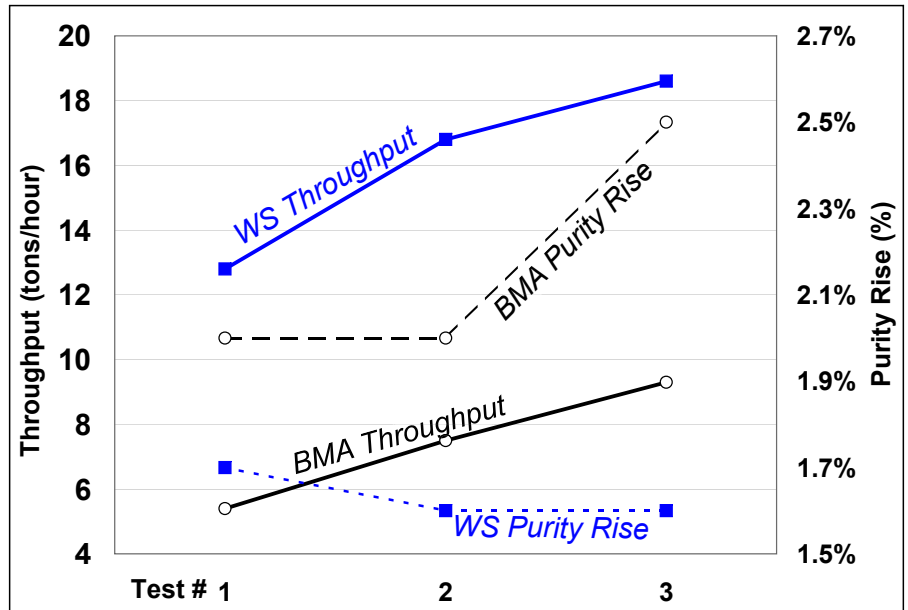
## Design Features ► Process Benefits

- **Automated Side Feed w/ Needle Valve** ► precise flow control
- **Pre-Conditioning Chamber** ► better purging with less steam
- **Large Open Area Basket** ► higher throughput and lower purity rise

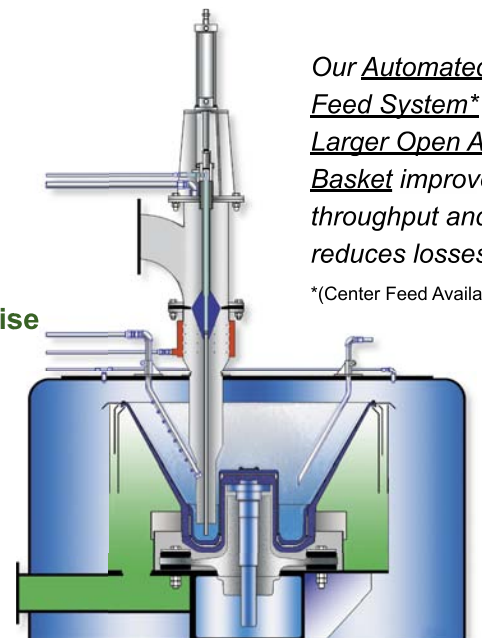
*Our 90 year history of reliability, innovation and service allows us to provide our customers with the confidence they need to process their sugar efficiently and economically.*



Western States: proven to have higher throughput and lower purity rise (less sucrose lost in the molasses)



Test Results						
	Test #	Throughput (tons/hr)	Purity Rise (%)	Conditioning Water (m3/hr)	Molasses Temp. (°C)	Amps
Western States Model TITAN 1300 Side Feed	1	12.8	1.7%	0.18	69	70
	2	16.8	1.6%	0.35	72	90
	3	18.6	1.6%	0.65	70	124
BMA Model K2300 Center Feed	1	5.4	2.0%	0.4	80	70
	2	7.5	2.0%	0.4	82	90
	3	9.3	2.5%	0.4	88	93



*Our Automated Side Feed System\* and Larger Open Area Basket improves throughput and reduces losses.*

\*(Center Feed Available)



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