

Quality Basket Manufacturing



Western States invests \$2,000,000 in advanced basket manufacturing at its Ohio facility to continue to support world sugar industry.



Since 1917 **The Western States Machine Co.** has served the world's cane, beet and sweetener industry with quality batch and continuous centrifugals. **Western States** supports all of its centrifugals, no matter how old, because at **Western States** *there is no such thing as an obsolete part or basket.* **Western States** manufactures baskets for all centrifugals from the 1940s, 48"x30" to our newest 72"x45" duplex-stainless steel basket.



In order to continue to meet the delivery and quality requirements of our customers, Western States has invested \$2,000,000 into its lean manufacturing basket cell with state-of-the-art CNC vertical turning lathes, horizontal boring mill and high-speed balancing and welding equipment. Our baskets start with quality steel specified by our engineers, acquired by our purchasing experts and inspected by our quality

department. In addition, all materials are tracked through the manufacturing process and dimensions checked at every step. Our skilled welders and machinists apply the latest techniques to assure that only the highest quality baskets are delivered to our customers in 100 countries around the world.



large 72" ringless duplex SS basket on VTL



drilling thousands of holes into the side sheet



drilling a basket hub



every basket is dynamically balanced



many standard baskets in stock

Basket Rebuilding

Rebuilding centrifugal baskets is part of the cost-effective operation of any mill or refinery. A good quality centrifugal basket can last for many decades if properly maintained, inspected and rebuilt as needed. **Western States** performs complete basket inspections and can repair or replace any part of a basket including side sheet, cap and rings. For maximum basket life, **Western States** uses *only one-piece forged and machined rings (never rolled or welded)*, which are machined to match each basket O.D., heated in a special ring oven and shrunk to precisely fit the basket shell. This method takes more time, but in our experience it is essential to rebuilding a basket properly.



before and after rebuild