



## lift assist tool

**“Cross Bros. is a very professional company, with great people that are very knowledgeable in material handling equipment.”**

William Leclerc, Mechanical Engineer, Sud-Chemie Inc.



Sud-Chemie called on Cross Bros. to design, fabricate, and subsequently test an extremely detailed tool. Three custom lift assist tools were developed, each allowing every production worker, regardless of his or her size, to be able to lift heavy parts of different sizes & materials without handling them.

Sud-Chemie had three main objectives for this project:

- Increase the safety of Sud-Chemie employees, lower “lost time injuries”

- Improve the quality of the product by avoiding contact with hands, reducing the number of chipped parts & reducing the number of dropped parts.

- Improve productivity by reducing the number of workers required for heavier parts handling.

Sud-Chemie needed a lift assist tool that could handle a wide range of products with very different, yet extremely specific tasks. Their products’ diameters ranged from a few inches up to four feet.

The Cross Bros. Lift Assist Tool Successfully:

- Picks products from boxes & pallets.
- Places products delicately on tables & scales.
- Dips & Flips products 180° into tanks filled with very corrosive solutions.



**“Cross Bros. did the best they could do considering our vast variety of types & sizes of parts along with all of our different applications. I don’t see how we could have found a better tool to match our specific needs.**

William Leclerc  
Mechanical Engineer, Sud-Chemie Inc.

