

Timken Steel Faircrest Jumbo Bloom Vertical Caster



In 2012, Hilscher-Clarke began work on the largest industrial project they've ever undertaken. Timken Steel, a 70+ year customer of HC, sought to construct a \$200 Million dollar, 270-foot jumbo bloom vertical casting tower in their Faircrest plant. The casting tower would be the largest of its' kind in the world. When completed, the casting tower would be situated 90 feet below the ground, rising to 180 feet above the ground. The Faircrest Steel Plant is the only facility to offer a combination of a large vertical bloom caster and an in-line forge press.





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Over the next two years, Hilscher-Clarke's skilled industrial electricians worked 185,000 man hours to complete the project, with a peak record of 120 men on day shift and 40 on night shift. Overall crew makeup not only included industrial electricians, but also teledata and testing technicians. Our electricians performed four 2,500-foot long 15KV armored cabled pulls (pictured right). This process was completed in eight days with no splices, per Timken's request. Hilscher-Clarke also installed a complete air-blown fiber network backbone system.



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