

AUTOMATIC SPIN GALVANIZING WITH CENTRIFUGE OVER THE KETTLE, TYPE A

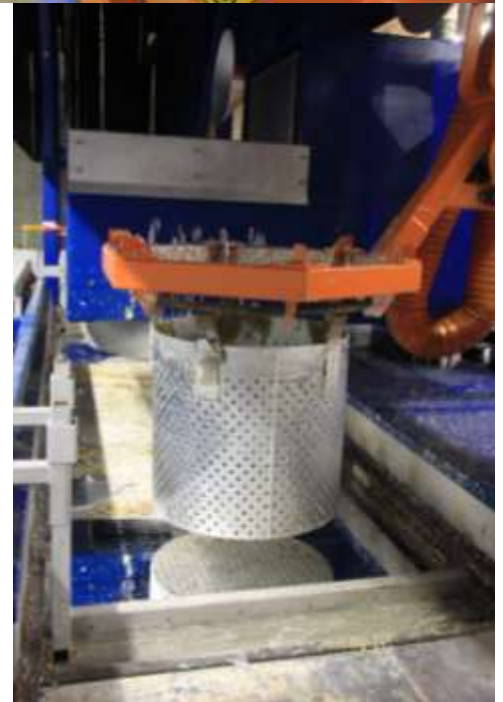
The plant is designed for automated flow of components through the complete galvanizing process, including pretreatment. Automation assures highest quality with consistent, repeatable results. Process control permits galvanizing with selective process parameters for different goods.



The centrifuge is positioned above the zinc surface. Its bottom is open and the spun off zinc will fall directly back into the zinc. Production is never interrupted for cleaning of the centrifuge. This means high productivity. A ceramic galvanizing furnace is the preferred choice because high temperature galvanizing at 560°C or 1040°F is made possible.

High temperature galvanizing gives the highest galvanizing quality. The ceramic furnace also has advantages at normal temperature due to lower zinc consumption and it permits galvanizing with higher aluminum levels. For low energy consumptions, immersion heating of the zinc can also be used. Energy is also saved in basket heating as the baskets are still warm at the loading station. The components will in fact be preheated when filled into a warm basket.

Baskets are available in the standard size of diameter 600 and height 500 mm. They are made of stainless steel AISI type 316L or 312L or Armco steel (kettle steel). The maximum basket load is 100 kg. Capacity of this type of line is from 1500 kg / h up to 3000 kg / h depending of numbers of hoist wagons and type of components.



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