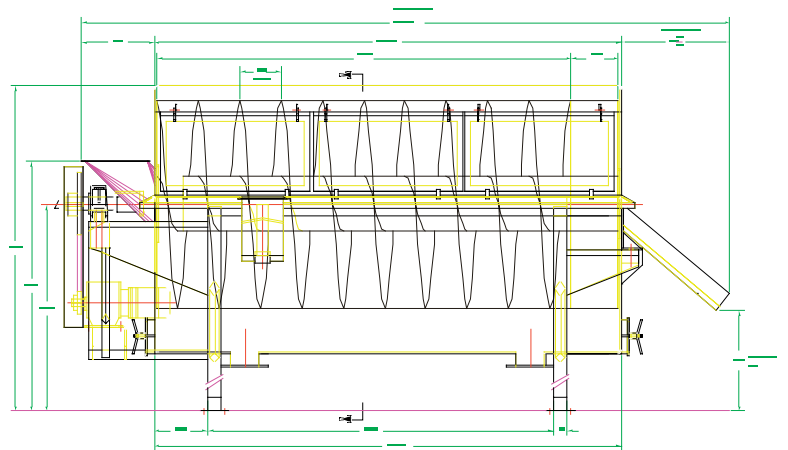


Rotary and Auger Blanchers

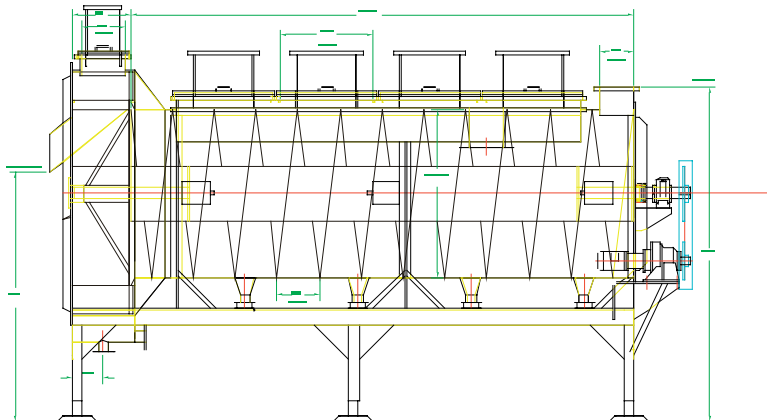
Rotary Blancher

A rotary blancher consists of a reel, which is an auger wrapped with a perforated skin, rotating in a tank of water. An infeed chute drops the product into the reel. Paddles, fastened to the skin and reel end at the discharge, lift the product out of the water and transfers it to the discharge chute. Rotary blanchers perform well for free flowing product. Most rotary blanchers operate with the bottom third of the reel immersed. If the product sinks, a center tube design, using bearings at each end to support the reel, makes it possible to operate with the bottom half of the reel immersed, providing considerable higher capacity.



Auger Blancher

An auger blancher looks like a large diameter screw conveyor. A large wheel with paddles catches the product discharging from the bottom of the trough and elevates it to the discharge chute. This component, aptly named Ferris Wheel, has an inside diameter slightly larger than the auger diameter, allowing the discharge chute and water level to be located near the top of the auger. With fragile product, an auger blancher should operate under half full, to avoid unacceptable breakage. Direct steam injection is a common method of heating water for both auger and rotary blanchers.



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