



Weightron in Action

with

THATCHERS CIDER LTD



Semi-automatic liquid filling system provides accurate filling of bulk fruit concentrate

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A semi-automatic articulated arm liquid filling system supplied by Weightron Bilanciai Ltd is playing an important role at Thatchers Cider Company in Somerset. The all stainless steel gravimetric system complements the main bottling lines and is used for filling fruit concentrates into larger type bulk containers ranging from 200 litres up to 1000 litres.



Thatchers is one of the country's leading independent cider producers with their leading brands including the award winning Single Varietal Ciders; Katy, Spartan & Cox's; Gold; Vintage; Christon Orchard and Thatchers Pear Cider. The family owned company have pioneered the redevelopment of traditional cider making techniques, dating back to the 17th century, with state-of-the-art production technology and equipment.

Overall control of the filling system is managed via the versatile Weightron Connect software which links through to the main plant computer system. This ensures the required variety of fruit concentrate is filled into the correct container. At the beginning of a fill cycle the containers to be filled are placed on the PRM stainless

steel floor scale. Up to four containers at a time can be placed on the platform scale. The filling process for the first container is then initiated by the operator via the articulated arm's controls. Having tared out the weight of the empty containers, the system fills at normal speed up to 95% of the required target weight before automatically switching over to trickle feed to attain an accurate fill volume. The operator then fills the other containers in turn, the system automatically taring out the scale each time. Each filling is recorded in the system and a paper print out provided.

The hygienic design of the filling system ensures cleaning can be carried out expediently within designated food safety guidelines.



WEIGHTRON BILANCAI

INDUSTRIAL WEIGHING SPECIALISTS



BILANCAI GROUP

Weightron Bilancai are leading suppliers of weighbridges, weighbridge peripherals, industrial scales, process weighing systems, load cells, hazardous area weighing systems, crane scales, weighing software, liquid filling machines, radiation detection systems and laboratory balances.



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