



Kingswinford Engineering Co. Ltd.

SPECIFICATION - TWIN DIGITAL WEIGHING MACHINE

Weighing Equipment

Indicator - Ian Fellows
Load Cells - Tedeo-Huntleigh
PLC controlled 24 volts.

Motors controlled by 3 phase solid state relays. There are 14 product recipes, which are all automatic, controlling target, dribble and in-flight, auto-tare and calm time.

Load cells, each 50kg capacity, three per machine, are mounted on an anti-vibration frame, have a unique fluid damping system designed for high speed applications. The weighing equipment is built into an independent structural frame.

Weigh hoppers are partially enclosed in a dust shield with a swing away type tundish for varying bag heights.

Hoppers

The hopper in 6mm mild steel is supported on universal beams with rolled steel sections adequately braced and will have a capacity of 15 tonnes and a 'tip' height of 5930mm. The column centre footprint is 3800 x 2984.

Feeders

Alden feeder screens supported on glass fibre strips, decks will be lined with stainless steel. Meshes will be held in position with quick release bolts. Mesh length 4' 0".

Adjustable flow control tubes optimise speed and screening.

A ladder and maintenance platform is provided for greasing and changing meshes, as required.

Sheeting

Galvanised corrugated sheeting fixed with hook bolts and spats to sides and rear.

Exclusions

All foundations, incoming air supply, incoming fused power supply, water sprays, hopper canopy, bagging canopy, platform, erection. Stitching conveyor and stitcher or heat sealer.

PJS/JSS
15/04/11

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