

Equipment For Sale:

Pfaunder Balfour Blue Glass lined 3120 Litre Jacketed Double Cone Blending System (2001)

Weight: 16800 KGS, Length: 17 M, Width: 4 M, Height: 6.6 M

Pfaunder Balfour 316L Stainless Steel Blue Glass Lined 3120 Litre Jacketed Double Cone Blending System

Item 1, Pfaunder Balfour 316L Stainless Steel Blue Glass Lined 3120 Litre Jacketed Double Cone Blender, has a Nominal Working capacity of 3120 Litres, and a Full Capacity of 4708 Litres. The Double Cone is 2.2m in Diameter, with a Central Straight side of 0.7m, is fitted at one end with a 600mm diameter hinged and clamped Manway, and at the other end with a fitted 300mm diameter Actuated Butterfly Valve, which is used for the filling from above by means of the overhead First Floor Big Bag Filling system, and for discharging below via the Nitrogen pressurised / sealed Mobile Transfer Vessel Filling system. The Double Cone Blender is driven at a speed of 25 RPM, by means of the EXe rated 415v 3 Phase 50 Hz 22 Kw direct coupled motor and gearbox drive system. The Double Cone Blender measures 4.8 x 3.7 x 6.6m high with the cone raised vertically, and weighs approx 12 Tonnes.

Item 2, Overhead First Floor Big Bag Loading system, consists of a 6m long x 1.5 SWL Overhead beam mounted, electrically driven hoist, fitted with a 800 Kg rated Big Bag S/s Lifting Frame, which lifts the Big Bags of powder over the upright Double Cone Blender trolley mounted feed chute system, which has been previously been pneumatically lowered over the opened inlet valve of the blender. The Operators control these operations from the surrounding overhead S/s Operator Access Platforms. The 1st Floor Big Bag Loading System measures 4m x 4m x 2.8m high, and weighs approx 3 Tonnes.

Item 3, Both the 1st Floor Loading & Ground Floor Unloading operations are dust extracted by means of 2 off S/s trox Technik Dust Filtration units, mounted on 4 legs, which each measure 1.5 x 0.8 x 1.9m high, and weigh approx 300 Kgs each.

Item 4, The Double Cone Blender comes complete with 12 off Hickey, 500 Litre Capacity, Mobile Transfer Vessels, BY-7821 A-L, which are each fitted with a 450mm diameter Quick Release Lid, and a central bottom outlet fitted with a manual discharge valve. The Transfer Vessel are designed to operate at Atmospheric Pressure at 100 degrees C, and are each mounted on 4 off Swivel lockable castors. The transfer Vessels each measure 1m diameter x Straight Side 0.7m, and measure externally 1m x 1.1m x 1.3m high, and weigh approx 100 Kgs each.

Item 5, Transfer Vessel filling system weighing system and Control Panels. The Transfer Vessel being filled is mounted on a guided floor mounted Mettler Toledo ID3sTx weighscale, which measures 1.5m wide x 1.26m long x 90mm high, which is fitted with a front ramp. The total size = 1.5m wide x 2.06m long x 90mm high, and weighs approx 300 Kgs. The Transfer Vessel Weigh Scale / Filling Operation is controlled by an adjacent 2001 S/s Mettler Toledo Control panel, S/N 2470609, which is linked to the adjacent support stand mounted Double Cone Dryer S/s Operator Control Panel, which measures 600 x 300 x 650mm high, and weighs 50 Kgs.

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