

WEIGHCONT

WEIGHING CONTINUOUS BLENDER

CAPACITY
20 TO 120 TON/M³ PER HOUR
UNLIMITED NUMBER OF HOPPERS



5 Hopper Weighcont Blender

The Weighcont weighing continuous blender is suitable for powder and granular fertilizer production. The machine processes all raw materials into an excellent blend. When the machine has produced a blend, it can be transported to a bag filling station.

This blender operates with the most modern technologies. The Weighcont blender consists of two or more stainless steel hoppers. The computer commands and controls the entire continuous weighing

and blending process by means of a variable electro or hydraulic system. The raw materials are metered by stainless steel metering conveyors. Every hopper is mounted on a digital weigh system. This system makes automatic dosing metering corrections. This guarantees an accurate flow of materials through the conveyor at the rate required. The dosing metering conveyor discharges the materials to a central transport conveyor. The hoppers have open tops that can be filled with a loader or a forklift. The whole

machine can be operated from a single pc computer or it can be network connected. This gives the operator complete control on the quality of the blending materials. Every hopper has a large display that provides information about the type of materials and the actual weight of the material in each hopper. While blending, the hoppers will discharge the product simultaneously, meaning all materials will be transported to the central transport conveyor at the same time. If necessary an extra blend auger can be installed on which the central belt conveyor discharges the material.

The machine can be produced with an unlimited number of hoppers with a capacity from 4 to 12 ton. Blending capacity depends of the number of hoppers. This product can be adjusted to customer demands.



3 hopper Weighcont Blender + Small bag Filling Machine

and blending process by means of a variable electro or hydraulic system. The raw materials are metered by stainless steel metering conveyors. Every hopper is mounted on a digital weigh system. This system makes automatic dosing metering corrections. This guarantees an accurate flow of materials through the conveyor at the rate required. The dosing metering conveyor discharges the materials to a central transport conveyor. The hoppers have open tops that can be filled with a loader or a forklift. The whole



6 hopper Weighcont blender



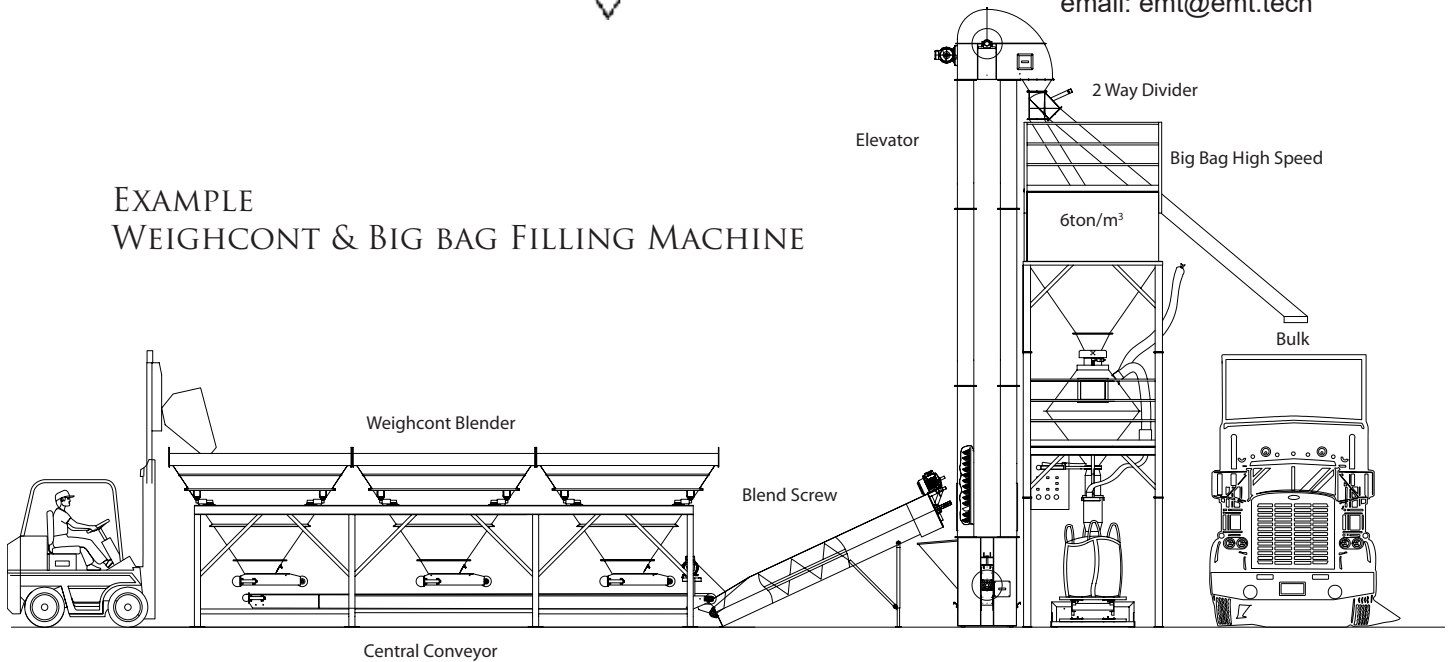


Manufacturer of Blending,

Bagging and Transport equipment

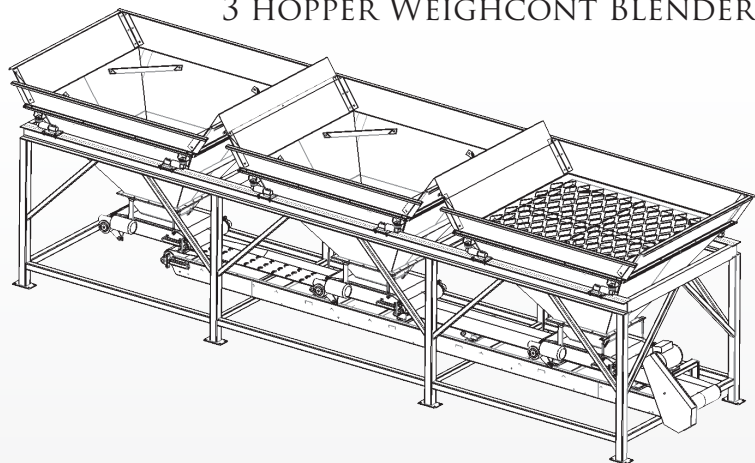
Tel.: +31 (0)224 591213
www.emt.tech
email: emt@emt.tech

EXAMPLE WEIGHCONT & BIG BAG FILLING MACHINE

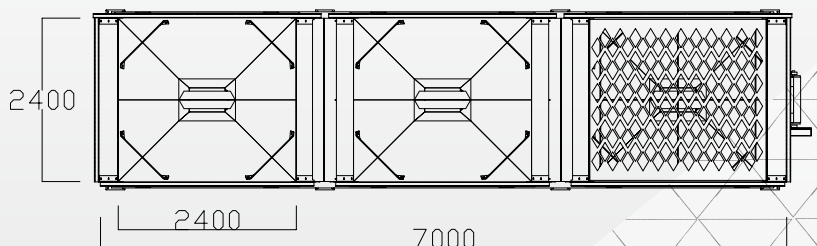


3 HOPPER WEIGHCONT BLENDER

Weighcont	
Blender hopper construction	3 mm stainless steel
Inspection gate	Stainless steel
Paint on mild steel	Primer Coating + 2 Component Polyamide finishing Coating
Colour	RAL no. 6029, Green
Discharging hopper	Metering conveyor
Scale	Digital 4 stainless steel load cells and large display
Hopper top	Open with lump hopper
Scale frame	100 x 100 x 4 mm mild steel
Scale frame depth	2340 mm
Motor	B3 Feet 1400 RPM, Class F
Motor resistance	IP 56, extra water and dust closed
Welding hoppers	Welded on both sides
Mild steel preparing	All mild steel is metal shot blasted
Installing	Flat and stable concrete floor
Mixing time	Continue with weighcont controll
Capacity loadcells	4x 3400= 13600 kg
Loadcell cables	Protected in tube
Electric panel	PVC IP 65, CE norm
Operating	Computer controlled connection
Support construction	Tubing profile mild steel 37
Sieve screen	Strechmetal, mild steel 37
Capacity of blender	10 to 120 ton per hour
Electrical cables	Flexible/ neoprene
Norms	Conform European Norms CE no. 89/392 EEG, Machine directive changed by no. 91/368 EE



TOP VIEW WEIGHCONT BASED ON 4TON HOPPER



Technical specifications Weighcont blender	Based on hopper with a width of 2400mm			Custom
	2 Hoppers	4 Hoppers	8 Hoppers	
Filling height	2300 mm	2300 mm	2300 mm	2300 - unlimited
Total length	4800 mm	9600 mm	18400 mm	4800 - unlimited
Total width hopper	2400	2400 mm	2400 mm	2400 - 4000
Total length hopper	2400	2400 mm	2400 mm	2400 - unlimited
Motor capacity	2x 1.5 kW	4x 1.5 kW	8x 1.5kW	Unlimited
Motor capacity blend conveyor	5.5 kW, 380 Volt AC	5.5 kW, 380 Volt AC	7.5 kW, 380 Volt AC	Unlimited
Total filling capacity	8000 kg	16000 kg	32000 kg	Unlimited
Hopper capacity	4000 kg	4000 kg	4000 kg	Unlimited