

Flow scale

An approved high capacity belt weigher from Marel

Variants

The built-in FB02 conveyor: length 1900mm (74")

Electrical cabinet on either side

Two belt widths:

615mm (23 5/8") – FB02-600

922mm (35 7/16") – FB02-900

Accessories

Height extension for both widths: 500mm + up to 150mm

Drip pan for both widths



Specifications:	M2200-B03-FB02
Weighing capacity	Flow rate up to 100 metric tons/hr at belt speed of 0.5 m/s (100 ft/min) Flow rate scales according to conveyor speed Discontinuous flow reduces weighing capacity
Weighing accuracy	Class 0.5 weighing instrument: ±0.5% in-service accuracy ±0.25% when adjusted & tested
Ambient temperature	-5° to 30° Celsius. <i>*Not for use in wet freezing environment</i>
Display and control	Weight indication on an LCD display with robust keyboard Display elements: master totaliser, resettable totaliser, flow rate indicator Keyboard used for start & stop, & menu system
Alibi memory	Built-in recording element (alibi memory) stores each weight recording in a persistent memory: date & time, master totaliser beginning & end values, quantity weighed, percentage weighed above & below the flow rate maximum & minimum
Approvals	EC Type Examination Certificate No.: DK 0199.361 OIML Certificate No.: R50/1997-DK3-12.01 US approval NTEP CC Certificate Number: 13-019
The FB02 conveyor belt	Belt length: 1917mm (74 1/2") Belt width: 600mm & 900mm (23 5/8" & 35 7/16") Belt height: 746,6 + 180mm (29 6/16 + 7 1/16)
Conveyor speed	Fixed speed; 0.2 to 0.5 m/s (40 to 100 ft/min)
Communication	Ethernet TCP/IP Dry contact. One pulse per 10 kg. Pulse length ca. 0.1 seconds
Protection	Mechanical overload protection, water protection according to IP69K & IP67 (NEMA 6 / PW12) Removable transport protection of sensitive parts
Construction materials	Food approved plastics and a rust resistant AISI 316 stainless steel
Installation	Installed between infeed & out-feed conveyors (running at same speed as the Flowscale) Maximum drop-in height: 2-3 cm
Power	A nominal 208-230 VAC, max 5A, single phase mains Typical power: less than 200 W