

*The SBM is a fast machine which mounts plastic handles on pails with a volume of 1 till 2 litre.*

*There are two possible lay-out options:  
IN-line and OFF-line*

**IN-line:**

The SBM is located near the Injection Moulding Machine (IMM)  
A PST stacking unit will stack the pails with mounted handles on a conveyor belt (see picture)  
One SBM will keep up with a 2-cavity mould.  
Cycletime per product is less than 3 seconds.  
Capacity: ≥ 1200 products per hour

**OFF-line:**

The SBM is used to mount plastic handles on stacked products.  
The production line will consist of a UST de-stacking unit, two SBM modules and one PST stacking unit.  
Capacity: ≥ 2400 products per hour

**SBM**

**Fast Handle mounting machine**



*Important SMB characteristics:*

- ✓ Compact structure, easy to fit in
- ✓ Reliable technique, visible process
- ✓ Universal use, quick change
- ✓ Tolerant to off-spec products (bended handles)



# Specifications: SBM

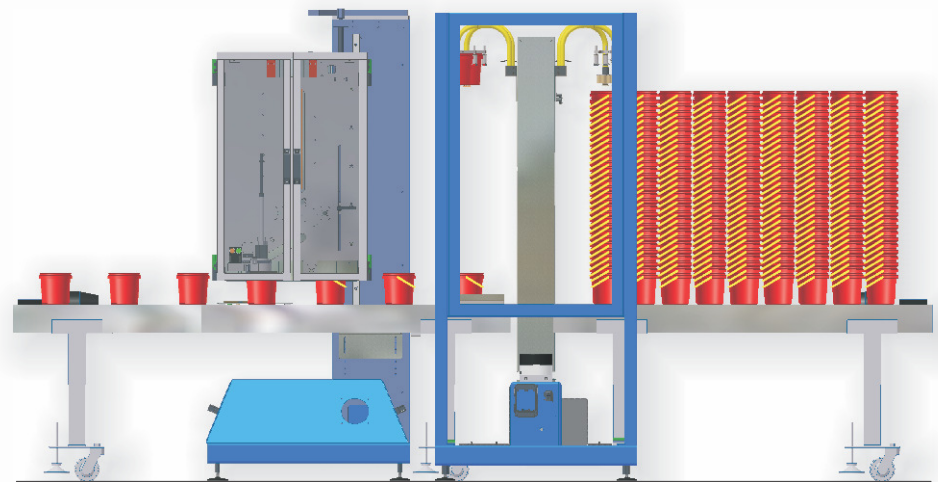
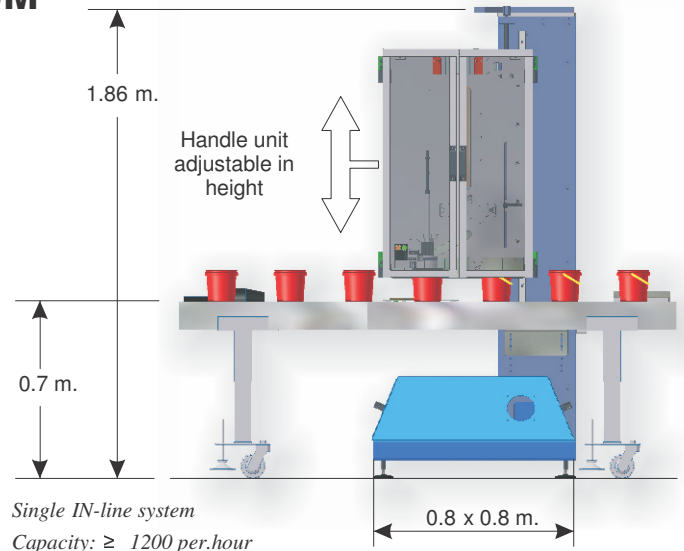
## SBM single version

### Machine details

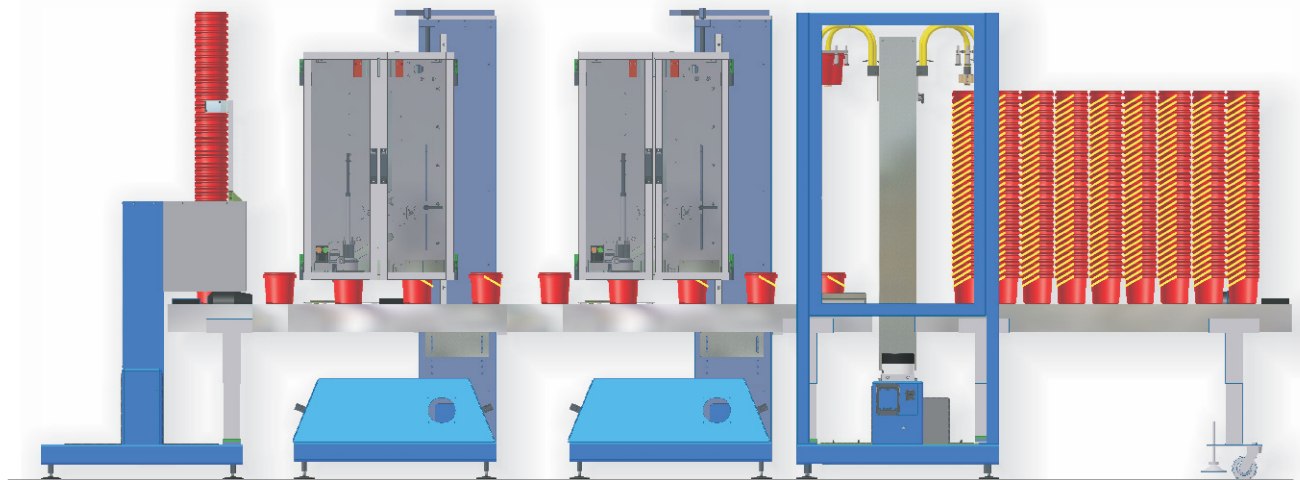
Total height	1.860 mm
Length of frame	800 mm
Width of frame	800 mm
Length of flat belt	2.000 mm
Width of flat belt	200/260 mm
Height of flat belt	700 mm
Belt speed	300 mm/sec
Weight	500 kg
Cycle time	<3 sec
Power connection	3x400V~+N+≐
Compressed air	> 6 bar
Drive	PLC
Positioning	Servomotor
Detection	Lasersensor
Assembly	Pneumatisch
Safety guards	Lexan/RVS

### Product details

Pail	- height	80-180 mm
	-diameter	0100-180 mm
Flat handle	-length	180-300 mm



Single IN-line system  
One product row on the flat belt coming in, 2 stacked rows on the outgoing conveyor belt  
Capacity: ≥ 1200 per hour



Double OFF-line system. UST de-stacking unit (left), which is filled manually with stacked pails  
Two product rows on the flat belt coming in, 4 stacked rows on the outgoing conveyor belt  
Capacity: ≥ 2400 per hour

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