



# CapLine system

PMW Engineering



[www.pmw-engineering.com](http://www.pmw-engineering.com)

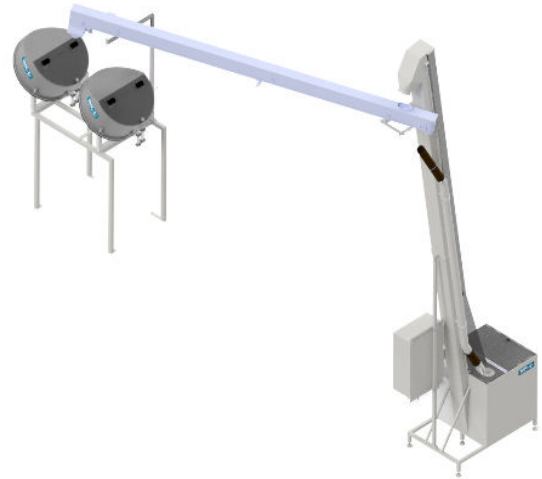
# PMW CapLine

## Conveying by convential conveyor systems

Are your facilities high ceiled, but narrow? Then PMW CapLine system is the ideal solution for you. The system is particularly suited for short and medium distances, well suited for companies processing aseptic products.

## Flexible and modular

PMW CapLine system is designed as interchangeable and flexible standard modules, each module being easy to maintain, service and replace. The straight forward, modular design ensures less downtime for service and repairs.



## Advantages of PMW CapLine

- Cost-effective for short and medium distances - can be placed close to filling machinery
- Cleanest option of our cap handling solutions
- Fast and efficient change of cap specific format parts

### Static transport prevents dust

Unlike other cap handling systems the PMW CapLine system provides static transport of the caps. This means that caps are moved more gently and do not tend to lose their "slip agent" surface to their surroundings which could otherwise create dust.

## The PMW CapLine system consists of:

### PMW CapLift

- Stainless materials with a fibreglass container treated with FDA approved gelcote surfacing
- Powered by a 0.37 kW AC motor
- Available in two sizes: 140 mm (160L vol.> and 240 mm (310L vol.)
- Build to order with custom height

### PMW CapLine

- Available in two widths (Sizes): 140 mm and 240 mm
- Stainless materials and PC, while the belt is made from FDA approved materials
- Capline are reversible
- Side outlet is available
- Build to order with custom length

### PMW CapSort

- Available in Ø600 or Ø800 mm sizes
- Capacity varies from capttype to capttype, up to 9.500 caps per hour
- Cubic volume: 3 - 5 L
- Powered by 0.25 kW AC gear motor mounted with built-in limited slip clutch as a safety feature
- Wheel direction R/L

# PMW CapLine - step by step

## 1. Caps filled into PMW CapLift manually

Add caps to the feed system of the CapLift. By means of welded carriers, PMW CapLift delivers the caps to the PMW CapLine conveyor belt.

The lift capacity is approx. 30.000 caps/pr. hour. PMW CapLine is equipped with a sensor that registers low cap level and connects to an orange flash-lamp to signal the low level.



## 2. The PMW CapLine conveyor belt transports the caps to the sorting unit

Often, the PMWCapLine conveyor belt runs below the ceiling along with pipelines etc. The belt conveys the caps to the sorting unit placed on side or top of the filling machinery, typically 5 metres above the floor. The PMW CapLine can be delivered with carriers for inclined conveying up to 15 degrees. The PMW CapLine unit is enclosed for clean transportation. For distribution to more than one unit a pneumatic double outlet or side outlet are available.



### Mix & match - customized for you

A PMW CapLine system allows the individual modules to be combined to suit the needs of factory layouts. The length of a PMW CapLine may, for instance, vary from 1 to 20 metres, the height of the Caplift may vary from 2 to 6 metres, and CapSort is available in different sizes and configurations.

## 3. Caps are sorted by PMW CapSort

PMW CapSort distributes caps into a dividing system, placing them with the hole facing up, ready to be received by captrack leading directly to the cap applicators of the filling machine.

The PMW CapSort unit is equipped with a rotation monitoring function that stops the sorting process if a faulty cap or a foreign object should be trapped in the system. The unit will then reverse for a number of times, solve to the problem and then continue sorting without further notice.





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