



# CapAirTrack system

PMW Engineering



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

# PMW CapAirTrack

**Ideal for small to medium production where spaces is a challenge.**

PMW CapAirTrack is the newest member of the family of cap-handling solutions, developed on the basis of our existing PMW CapAir system, but with a completely different solution system (patent pending).

## PMW CapLift and sorting at eye level

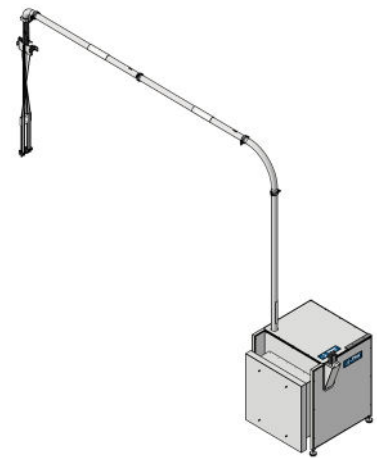
The layout of the units makes it possible to place the PMW CapLift and the sorting unit outside the production environment and on the floor instead of on top of the filling machinery as in the PMW CapAir systems. PMW CapAirTrack is therefore the ideal solution for companies with low ceilings or companies requiring the units to be placed at eye level.

## Flexible and modular

PMW CapAirTrack is designed with replaceable, flexible standard modules, each individual module being easy to maintain, service and replace. The simple, modular design ensures less downtime for service and repairs.

## Advantages of PMW CapAirTrack

- Highly suited for small production areas with low ceilings
- Option of placing PMW CapLift and PMW CapSort unit outside production environment
- Units are placed at a more accessible service height
- Easy to operate, clean, and service
- HEPA filter option



### The PMW CapAirTrack system consists of:

#### PMW CapLift

- Stainless materials with a fibreglass container treated with FDA approved gelcote surfacing
- Worm gear and a 0.37 kW AC motor
- Covered at both sides and top with transparent PC

#### PMW CapAirTrack

- HEBA filtered air supply
- Powerfull high quality 4,0 Kw Side channel blower
- 2,5" Dairy grade tubes
- 2,5" ISO fittings for easy access
- PEHD 1000 CapTracks

#### PMW CapSort

- Available in Ø600 or Ø800 mm sizes
- Capacity varies from cap-type to cap-type, up to 9.500 caps per hour
- Cubic volume: 3 - 5 l
- Units powered by 0.25 kW AC gear motor
- Wheel direction R/L

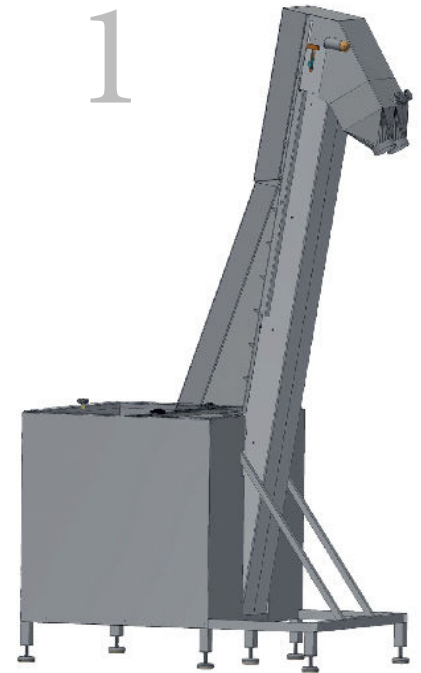
# PMW CapAirTrack - step by step

## 1. Caps are filled into PMW CapLift manually

Add caps to the feed system of the PMW CapLift. By means of welded carriers the PMW CapLift delivers the caps into the PMW CapSort unit.

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

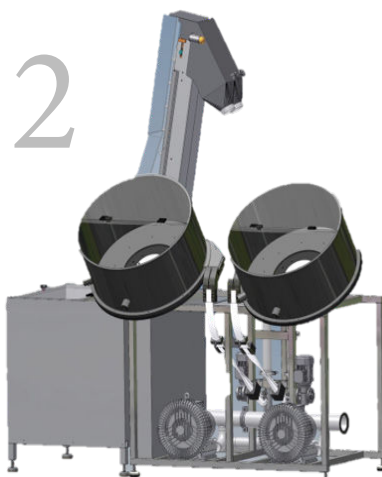
The PMW CapLift unit is enclosed for clean conveying. For distribution to more than one unit a pneumatical double outlet is available.



## 2. PMW CapSort unit

In a PMW CapAirTrack system, the PMW CapSort unit is placed on the floor, such as next to the filling machinery or outside the production environment. From there, the PMW CapAirTrack supplies caps through the transport pipe - vertical and horizontal.

For your convenience 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. Programmatically the unit will then reverse for a number of times, solve the problem and then continue the sorting without further notice.



### Mix & match - customized for you

PMW CapAirTrack system allows the individual modules to be combined to suit your particular needs. The length of the PMW CapAirTrack transport pipe may, for instance, vary, so meaning that the sorting unit can be placed both inside and outside the production environment.

## 3. Caps are sorted before being transported through PMW CapAirTrack

From the sorting unit, the caps are transported in a sorted arrangement to the PMW CapAirTrack dividing system. Then they are blown forward at the correct angle and direction to the filling machinery, where they are distributed into the cap chutes and down towards the cap applicators.





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