



CapAir system

PMW Engineering



www.pmw-engineering.com

PMW CapAir

For large production facilities

If you have multiple installations, a high-ceilinged room and ample space, PMW CapAir might be an optimal solution for you. The PMW CapAir system is ideal for companies with large production halls and many units, as the system can feed two units by one conveyor pipe.

Flexible and modular

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

The PMW CapAir transport pipe system uses surrounding air to blow unsorted caps forward to be sorted atop the filling machinery.

The PMW CapSort units are placed on top of the filling machinery. This system requires enough height above the filling machine to ensure installation and service space for the cap sorts.

In accordance with a layout it is possible to place the PMW CapAir outside production thus ensuring a cleaner environment by preventing paperboard and other materials within production.

Advantages of PMW CapAir

- Ideal for large production facilities
- Cost effective solution for long distance conveying
- Able to distribute caps to multiple fillers
- Few format parts, limited to the PMW CapSort unit for manageable change of caps

HEPA filter option

For cleaner air we offer HEPA filter units as an option. It is also possible to have HEPA units retrofitted on already delivered units. Filter units come complete with stainless surroundings and pre-filter.

The PMW CapAir system consists of:

PMW CapAir blower unit

- 0.75-2.0 kW ventilator supplies air flow to the system
- Transport via series of dairy grade 101 mm (4") stainless steel pipes with ISO clamp unions.
- PMW CapAir can be equipped with HEPA filter

PMW CapSort

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

PMW CapAir - step by step

1. Caps filled into PMW CapAir manually

Add caps to the cap container. When PMW CapSort calls for caps, they are vibrated from the buffer into the injector and further to the pipeline. Caps are then transported by air towards the sorting unit.



2. PMW CapSort unit

For two PMW CapSort units a PMW CapLine conveyor, hanging above the sorters receives the caps and distributes them to the PMW CapSort units.



Mix & match - customized for you

A PMW CapAir system allows the individual modules to be combined to suit your particular needs. Whether it be the route or length of the PMW CapAir transport pipe or configuration or number of PMW CapSort units.





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