

Trickle Feeder, TK20, TK40 & TK100



Applicability

- AIDLIN® Premier,
- AIDLIN® 24, 24CR,
- AIDLIN®18-18, 24-24
- Other variants of all generations of AIDLIN® products,
- OptiFeed®,
- Competition Bowl Sorter,
- Competition Cap Feeders,

*Subject to detailed feasibility study for your own equipment
Contact your Service Account Manager for additional info*



No contractual picture

Technical description

- Hopper Capacity : .57, 1.13 or 2.83m³ (20, 40 or 100 cubic feet),
- Discharge Height : 3251mm, 4216mm, 4712mm & 4877mm (10'-8", 13'-10", 15'-5.5" & 16'),
- Controller (PLC) : supplied if stand-alone (without cap feeder),
- Weight : between 454kg and 635kg (1000lbs and 1400lbs) according to hopper capacity and discharge height,
- Foot Print : 975mm x 3720mm, 1280 mm x 3720mm, 1525mm x 2900mm (3.2' x 9', 4.2' x 9' to 5' x 9.5') according to hopper capacity,
- 304.8mm (12") acetal belt and 279.4mm (11") acetal cleats,
- Standards : UL listed components, FDA compliant (As per North American standards)
- SEW motors,
- High and low level sensors,

The Trickle Feeder can be further customized to client's needs.

Your advantages

The Trickle Feeder is the buffer of a bulk feeding system. Its function is to add to the material holding capacity of a line and elevate caps at an ideal transit height to a sorting solution. Its implantation can be improved with the installation of a Dumper or a Filter to further reduce material replenishment frequency.

Maintenance

- The system is composed of a low amount of moving parts, wash-down safe and easy to clean out.

Productivity

- The large hopper capacity reduces material reloading frequency.

Safety & Ergonomic

- The Trickle Feeder can easily connect directly to a cap feeder or with bulk conveyor to allow remote location of equipment for operation ergonomics.

Flexibility & Reliability

- The modular design allows for different hopper sizes and it can reach high discharge elevations. Can be implemented on a variety of Sidel and competing cap feeding and cap sorting equipments.

Our guarantees

- Same or better autonomy compared to a Cap Feeder alone.
- Parts guaranteed 12 months,
- No impact on Cap Feeder's integrity.
- Complies with current standards & regulations
- Trickle Feeder systems have an availability of 99% of the operating time on an 8 hour shift basis for flat cap and crowns, and 98% for sport caps.
- Installation supervised by experts, electrical connection required.

Bulk conveyors can be added to the layout, between the Trickle Feeder and Cap Feeder, for transport of caps over a distance for remote location cap feeding.

Complexity level : L2

Machine downtime for installation (days) : Less than one day.

Standard delivery time / Lead Time (weeks) : 10 weeks from the date of the approval drawing or 12 weeks from the purchase order

Training required : Yes

Misc :