

Standardization the milk collection process synonym of quality and cost control

Quick return on investment thanks to a reduction of operating time required on farm

- Connection and de-connection in 8 seconds (instead of unscrewing and screwing),
- no need to disconnect the tank cleaning pipe,
- no need for the operator to wash his hands in each farm,
- long-term equipment, warranted profitability (2 years payback).

Improve other related collection costs

- Universal the Charriau's system allows the standardisation, by fitting on any kind of milk cooling tank outlet,
- milk gain as no milk is left when emptying by the bottom of the tank compared to emptying by the top,
- gas gain as the truck stays idle on farm less time. Idle truck engine uses an average of 12 litres gas per hour.

Better food safety (reduce milk contamination risks with pathogenic bacteria)

- Solving the problem of clogged tank exit,
 - self-cleaning (interior and exterior) for closed tanks
 - self-rinsing (interior and exterior) for open tanks
- no impurity can be transferred during connection,
- significant decrease in bacterial contamination, observation through ATP measurement and Escherichia coli counting.

Easier job for the operator

- Always the same connection in all farms, no more need to have several adapters,
- the collection tube is easier to carry when using the handle (better grip and free rotation movement),
- the operator works standing and only with one hand, he does not have to kneel to execute the connection with the tank,
- the operator does not get his hands dirty any more.

Distributed by

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CHARRIAU

Optimize milk collection process



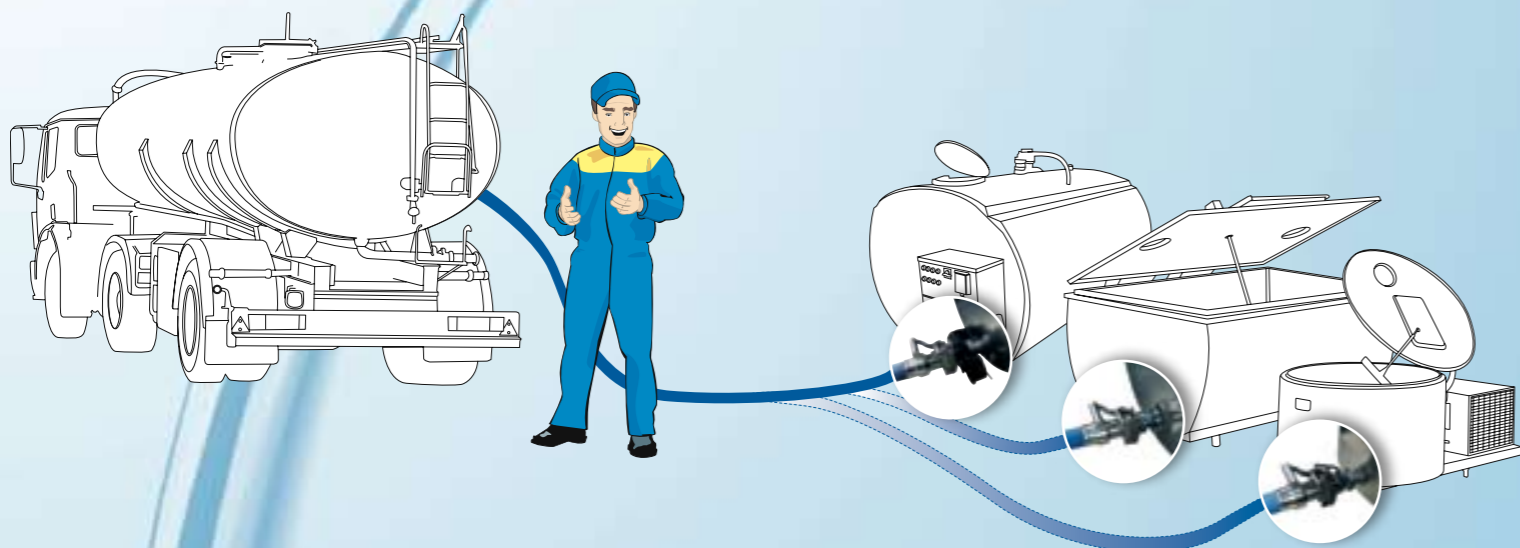
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Standardization of the connection



Stainless steel protection box for transport

- For the transport the handle is locked in the box,
- the cover / lid of the box being closed, interior and exterior are protected from dirt (dusts, exhaust gas and so on).



Free rotation handle

- The handle is hold with only one hand, the operator doesn't suffer from / undergo twists of the collection tube.



Reliable and quick locking

- The mobile clamp is positioned on the fixed clamp from the top / above and without efforts by a simple and quick gesture,
- locking pressure can be adjusted and provides for a perfect impermeability of the connection, it works under pressure as well as de-pressure / depression.



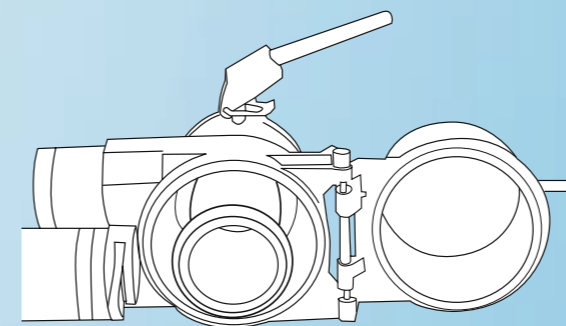
4 seconds connection / de-connection

Big interior diameter that assists high flow pumping (55 m3/h)

- The immediate enlargement of the tube allows to decrease pressure drops.

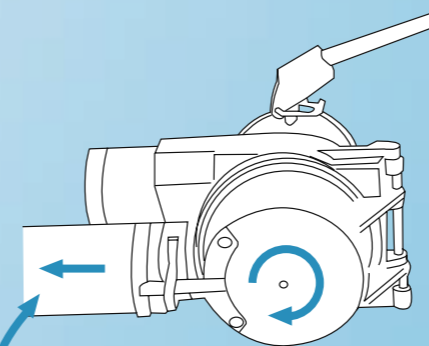


Self-cleaning system for coolers with automatic washing



Pumping position

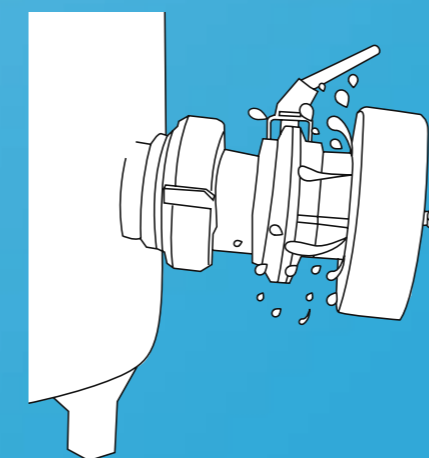
Reversible case for left or right liquid evacuation



Washing position

The tank cleaning pipe remains at the same place (no unscrewing – screwing)

Self-rinsing for tanks without automatic wash



Guiding the cleaning liquid around the plug's nose

Ø 3" inches – Ø 76 mm for the dairy plant unloading docks

