



EC1 A

DERINDER WITH SUCTION SYSTEM

HARD AND SEMI-HARD CHEESES WITH VACUUM



PRESENTATION

Additional suction and waste recovery system for our EC1 standard derinder.

The arm is in the form of a tube, drawing in the shavings directly from the derinder tool. The flexible, large-diameter pipes are lightweight and easy to handle: the pipework removes the waste to the recovery bin, making the work area cleaner both during and after the operation.

Two suction systems are available: a vacuum system or cyclonic suction.



CYCLONIC SUCTION SYSTEM

The suction fan draws the waste directly from the derinder. Rinds and dust are then blown into a cyclonic separator before being discharged into the container provided.

The advantage of this system is that the recovery bin is not subject to negative pressure.

The system also provides greater suction power than the vacuum system.



SUCTION & RECOVERY SYSTEM

Several layouts are possible depending on your infrastructure. For instance, two derinders can be connected to the same unit.

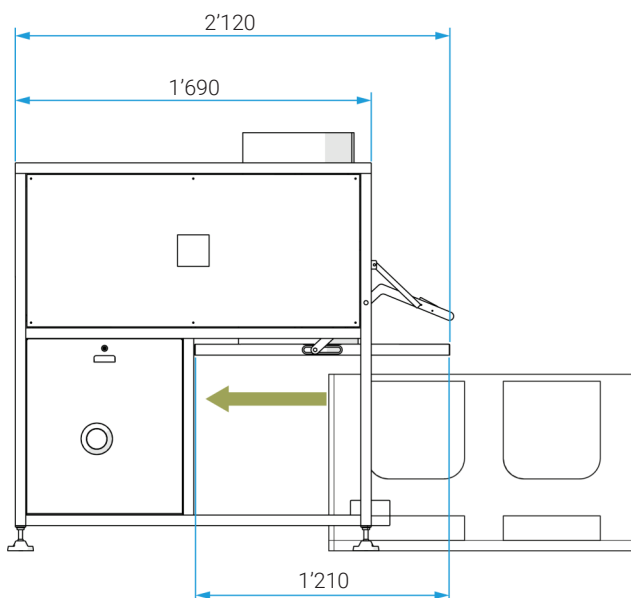
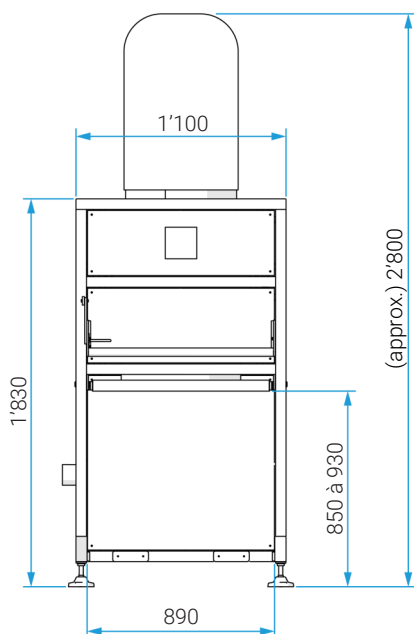
Since this system does not use a vacuum, different types of containers can be used:

Frame pallets, baskets, barrels, or plastic bags can be placed beneath the cyclone outlet tube. Openwork containers such as netting, baskets, etc., must be fitted with a bag made of plastic, fabric or other material to prevent dust from escaping.

Lifting the unit cover releases the container.

DIMENSIONS

Measures in mm





VACUUM SUCTION SYSTEM

The suction creates negative pressure in the bin, drawing in the shavings from directly above the knife. The flexible pipework makes it easy to remove all waste; the suction arm is easy to handle.

The suction system is combined with a vacuum chamber integrated into the lid. Suction takes place via the vacuum chamber.



SUCTION & RECOVERY SYSTEM

The cover may be lifted by hand using the four handles located in the corners, or by using a hoist attached to the crosspiece.

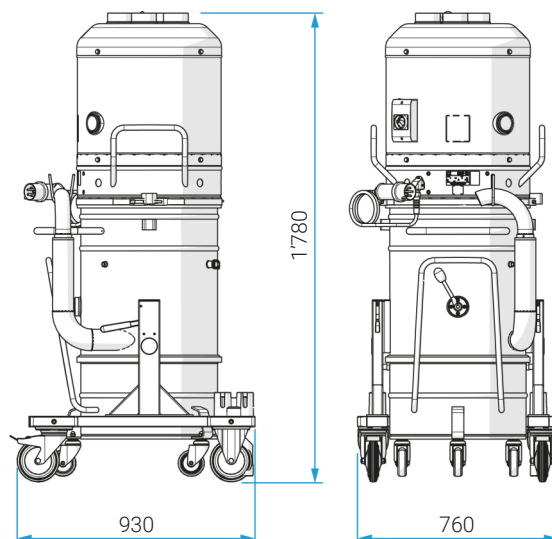
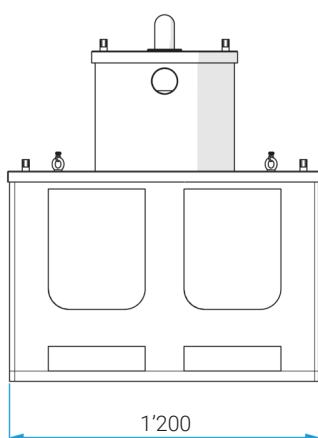
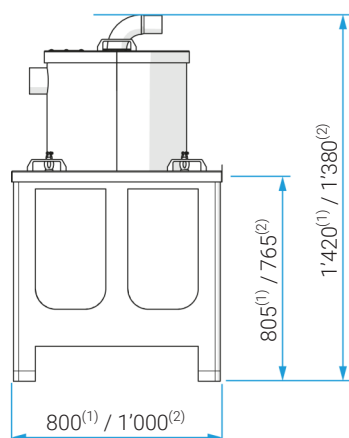
Lifting the unit cover releases the container.

DIMENSIONS

Measures in mm

COLLECTION CONTAINER

- Model 525 litres ⁽¹⁾
- Model 610 litres ⁽²⁾





STANDARD EQUIPMENT

- ❑ Three-phased plug type 15 or Euro (export: no plug)
- ❑ Plastic recovery bin
- ❑ 10 m power cable
- ❑ Tubular suction arm replaces the standard EC1 fitting.
- ❑ One derinding tool of your choice

OPTIONS

- ❑ Additional plastic recovery bin

TECHNICAL INFORMATION

The values shown below are indicative only and can be adapted to the customers specific needs.
For details of the derinder itself, please see the relevant product sheet.

CYCLONIC SYSTEM

WEIGHT

Approximate masse 375 kg

ELECTRICITY

Value: suction system only - combined with derinder

Rated voltage (tolerance $\pm 5\%$)	3x400 Vac 3LNPE
Rated current	8.5 A - (25 A)
Assigned frequency	50 Hz
Maximum power	4 kW - (5.5 kW)
Building residual current circuit breaker FI (DDR)	30 mA, type B, HI
Upstream overload cut-off	16 A/C - (25 A/C)

OPERATIONAL FEATURES

Noise level	70 dbA ± 0.1
Suction capacity	3'000 m ³ /h
Space for bin (l x w x h) max	1210 x 890 x 930
- Suitable for several types and shapes of containers	

VACUUM SYSTEM

WEIGHT

Approximate masse	200 kg
Plastic box (approx.)	100 kg

ELECTRICITY

Value: suction system only - combined with derinder

Rated voltage (tolerance $\pm 5\%$)	3x400 Vac 3LNPE
Rated current	8.5 A - (25 A)
Assigned frequency	50 Hz
Maximum power	4kW - (5.5 kW)
Building residual current circuit breaker FI (DDR)	30 mA, type B, HI
Upstream overload cut-off	16 A/C - (25 A/C)

OPERATIONAL FEATURES

Noise level	70 dbA ± 0.1
Suction capacity	495 m ³ /h
Suction strength	7 kPa
Collection container	525 or 610 litres
- For plastic containers of EUR-pallet format, two heights are available.	

