

LEOSMAK · INDUSTRIAL

LEO-130-D

Up to 130 kg per batch capacity. The LEO-130 Industrial Freeze Dryer is built for high-volume production with advanced technology, remote monitoring, and robust, hygienic design.



BATCH CAPACITY

130 kg

AVG. ENERGY USE

4 kWh / h

SHELF AREA

12.58 m²

APPLICATIONS

Freeze-Drying for Fruits & Vegetables

Freeze-Dryers for Pet Food Production

CE marked

Built in EU

Why choose the LEO-130-D

- ✓ **Industrial production lines** — large-scale, continuous output for food manufacturers.
- ✓ **Up to 130 kg per batch** — high tray capacity for industrial workflows.
- ✓ **Industrial scale, same recipe logic** — the recipes proven on compact LEO units run here unchanged — de-risk your scale-up path.
- ✓ **Connected & robust** — stainless build for hygiene and long-term reliability, with mobile-app control and real-time remote adjustment.

CAPACITY & OUTPUT

Batch capacity (fresh load)	130 kg
Ice condenser capacity	220 kg
Total shelf area	12.58 m²
Number of shelves	9
Number of trays	36
Tray size	GN 2/1, 2-4 cm

PROCESS & CYCLE

Shelf temperature range	-45 to +70 °C
Min. condenser temperature	-45 °C
Defrosting	Automatic
Defrost time	45 min (fast defrost)

VACUUM & REFRIGERATION

Vacuum pump type	Oil-free (standard)
Refrigeration type	Air-cooled
Refrigerant	R-448A

CONTROL & MONITORING

Control system	LCD touchscreen + Wi-Fi
Menu language	English
Data logging & recipes	Wi-Fi app monitoring
Remote monitoring	Yes

BUILD

Chamber material	AISI 304 stainless steel
Shelf material	Stainless steel
Body color options	Stainless steel

POWER & FOOTPRINT

Power supply	380 V / 3~ / 50 Hz
Connected load	15 kW
Energy consumption (avg)	4 kWh/h
External dimensions (W × D × H)	1100 × 3500 × 2200 mm
Net weight	2000 kg

WARRANTY & SERVICE

Warranty	24 months (extendable to 36)
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Recommended accessories

AMARU Mineral oil for vacuum pump 10 L Fits: All

AMARU Mineral oil for vacuum pump 20 L Fits: All

AMARU Viktor – Ozone decontaminator

Stainless steel tray GN 2/1 20 mm Fits: LEO-130, LEO-300, LEO-600

36× Stainless steel tray GN 2/1 20 mm for LEO-130 Fits: LEO-130

More accessories are available in our online store — follow the QR code.



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Scan for live specifications, current pricing and to request a quotation.