



PRODUCT CATALOG

2026

Seed Processing Machines & Equipment

From simple fruit conveyors to fully automatic seed counting and packaging lines — engineered and built in Konya, Türkiye.

JUMP TO A COLLECTION



Our Collections

Every machine in one process chain — from extraction to packaging. **Tap a collection title** to jump to its section, or tap a model number to go straight to the machine.

Extraction ›

04

Seed extraction, pulp and fruit transport

SD-1050 SD-1010 SD-1175 SD-1510 SD-2030
SD-2550/SD-2650

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15

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Counting, tin sealing and envelope packing

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84

Germination cabinets and plant growth chambers

SD-30/35



Questions about a machine? Talk to our AI Sales Agent, 24/7.

Scan the code or tap here, press the blue call button and simply start talking - no typing needed.

FROM FRUIT TO PACKET

One partner for the complete seed processing chain

Follow the path: each step is an ESDE collection. Tap a station to open its section.

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Extraction

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Counting & Packaging

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Germination & Growth

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How to use this interactive catalog

Colour tabs

Every collection has its own colour. The tabs on the right page edge jump between sections.

Bookmarks

Open your PDF reader's bookmark panel for a full, clickable table of contents.

Tap to navigate

Collection titles, model numbers and 'next in your process' chips are all links.

Talk to us

Links to our website and WhatsApp are on every machine page.

COLLECTION 01

Extraction

Gentle, high-yield seed extraction from tomatoes, peppers, cucumbers, melons and pumpkins - plus the conveyors that feed and clear the line.

6 PRODUCT FAMILIES IN THIS COLLECTION



SD-1050

Seed Extraction Machine

Automated, large-volume seed extraction that protects seed integrity.

[Page 5 >](#)



SD-1010

Lab-Scale Seed Extractor

Professional-grade extraction for breeders and small producers.

[Page 7 >](#)



SD-1175

Manual Seed Extractor

Field-going extractor for pumpkin, watermelon and melon seed.

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SD-1510

Vacuum Seed Extractor Desk

Gentle, damage-free extraction for breeding lots.

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SD-2030

Pulp Transporter

Helix screw conveyor that clears pulp from the extractor.

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SD-2550 | SD-2650

Vertical Fruit Transporter

Feeds fruit from ground level to the extractor - with optional pre-washing.

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MODEL SD-1050

Seed Extraction Machine

Automated, large-volume seed extraction that protects seed integrity.

2-5 t/h

Average capacity

7" HMI

PLC control

20

Recipe memory



Overview

The SD-1050 automatically removes seeds from tomatoes, peppers, eggplants and cucumbers in substantial quantities while preserving the integrity of the seeds. Varying sieve sizes and adjustable motor speeds deliver optimal extraction for each crop and a clean separation of pulp and seed. The easy-to-maintain design simplifies cleaning, and construction from high-quality Cr-Ni 316 stainless steel and industrial aluminium ensures a long operational life.

Key Features

- 7-inch human-machine interface operator panel
- Recipe memory for up to 20 different products
- Adjustable speed for upper basket separation
- Gentle seed handling to prevent damage
- Fully constructed from chrome-nickel stainless steel
- Easy-to-clean design
- PLC control units
- Adjustable crushing mechanism with speed control
- Safety switches for added safety
- Mobile design on castors
- Water connections with regulating valves
- Average capacity of 2 to 5 tons per hour

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

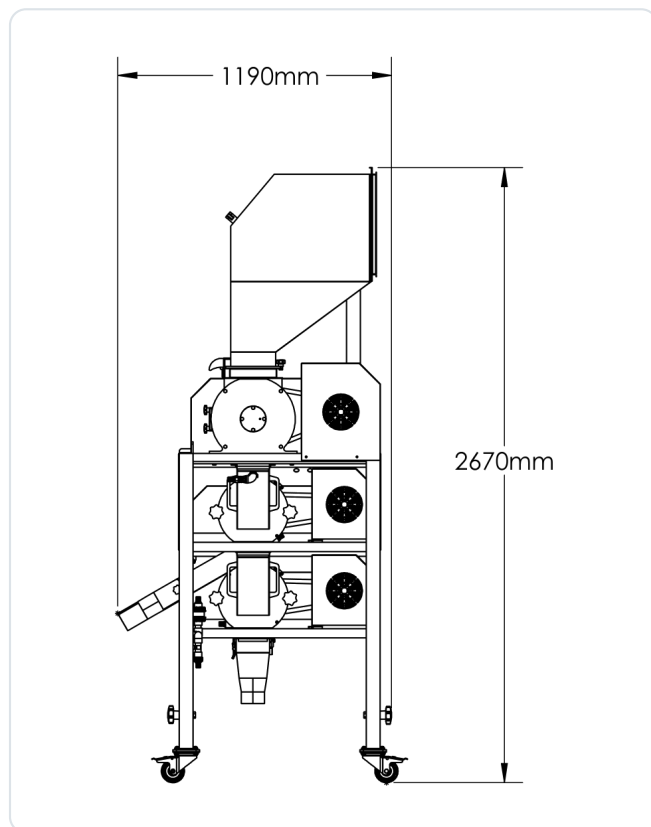
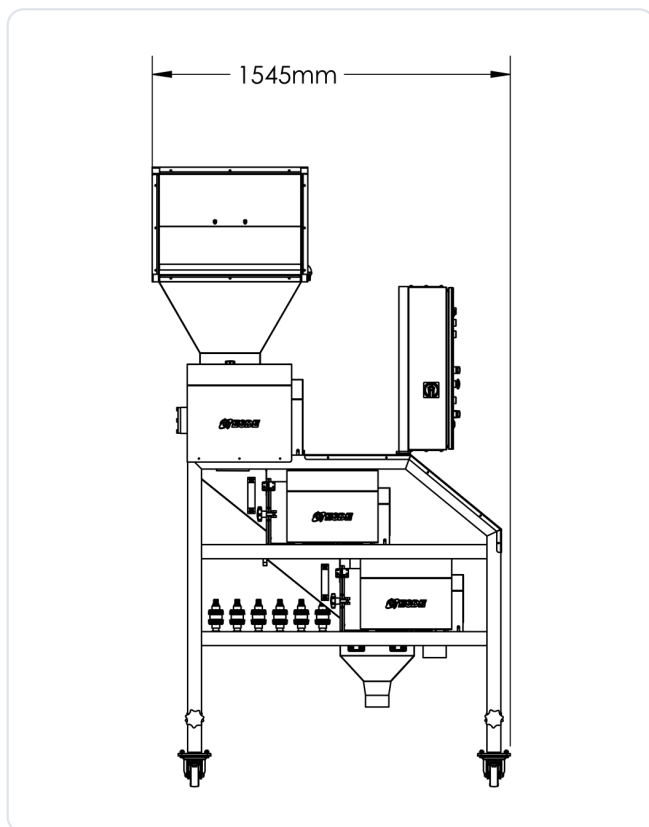
24/7

AI Sales Agent on our website

Technical Specifications | SD-1050

Parameter	Specification
Capacity	approx. 50 kg - 5 t vegetables per hour
Dimensions (L x W x H)	1545 x 1190 x 2670 mm; height incl. inlet hopper 2625 mm
Electrical connection	380 - 415 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	9 kW / 32 A (slow blow)
Water supply	approx. 1000 L/h (excl. provisions for fruit parts and juice drainage)
Noise emission	approx. 80 dB(A), without product
Materials	Stainless steel 316 and aluminium
Weight net / packed	approx. 460 / 520 kg
Included	2 x basket (2 - 5 mm), 2 x beater, inlet hopper (standard or Z-shape)
Optional	Basket sizes 1.5 - 14 mm, conveyor (fruit feed inlet), pulp transporter (3, 4 or 5 m)
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-3010 Seed Incubation & Disinfection >](#)
[SD-4510 Seed Centrifuge >](#)
[SD-5020 Seed Double & Quattro Dryer >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

> Visit www.esdemakine.com

> WhatsApp +90 545 844 4550

€ 39,900

MODEL SD-1010

Lab-Scale Seed Extractor

Professional-grade extraction for breeders and small producers.

5-500 kg/h

Vegetables

4 kW

Max. power

SS 316

Construction



Overview

The SD-1010 offers the same advanced extraction technology as the SD-1050 in a compact size, ideal for breeding and small-scale production. It is designed for extracting tomato, cucumber and pepper seeds efficiently and thoroughly in smaller batches. Its fast, practical cleaning system is engineered so that no seeds are left behind - maximum yield, minimal waste and no mixing between lots.

Key Features

- Same advanced features as the SD-1050 in a compact footprint
- Exceptionally fast and practical cleaning
- Built entirely from Cr-Ni 316 stainless steel
- Designed for tomato, cucumber and pepper seed
- No seeds left behind between batches
- Corrosion resistant and built for longevity

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

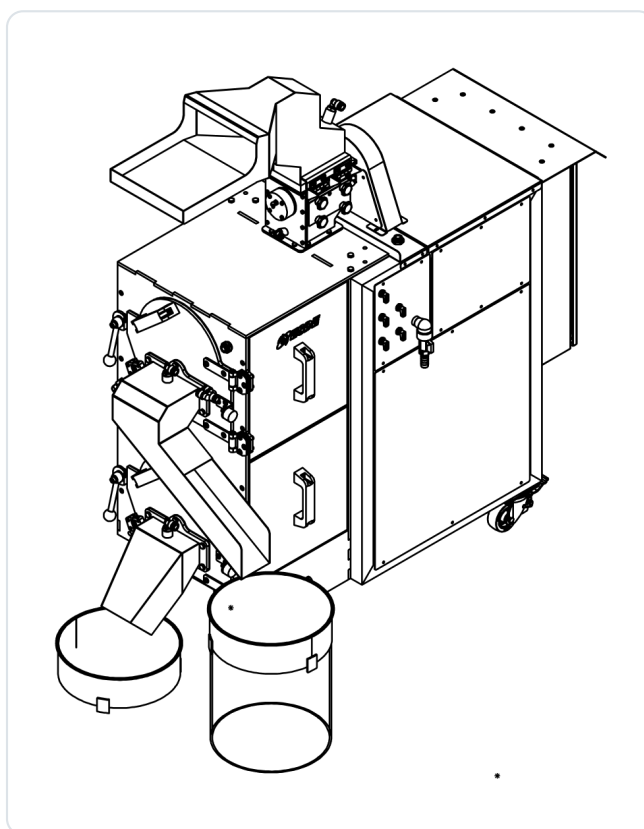
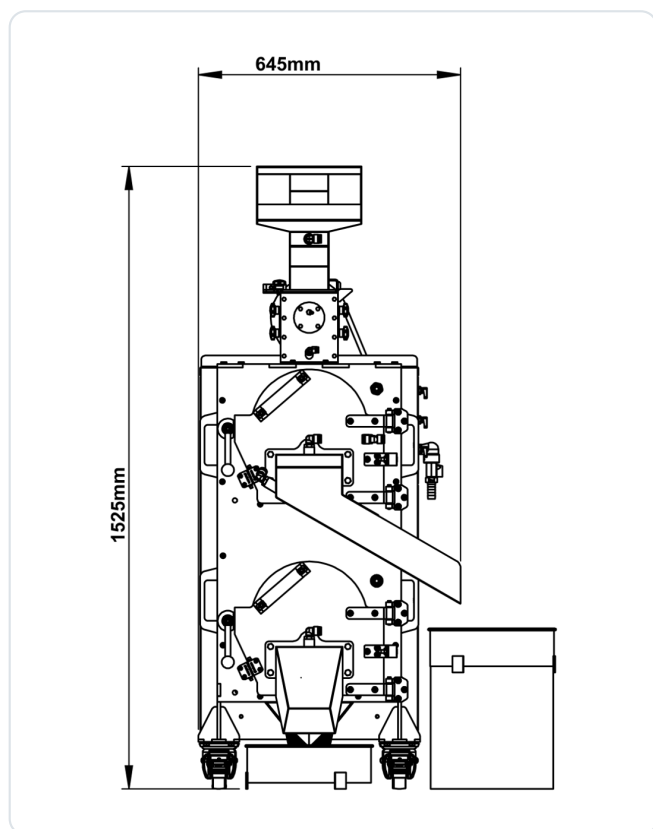
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AI Sales Agent on our website

Technical Specifications | SD-1010

Parameter	Specification
Capacity	approx. 5 - 500 kg vegetables per hour
Dimensions (L x W x H)	1400 x 645 x 1525 mm (incl. inlet hopper)
Electrical connection	220 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	4 kW / 32 A (slow blow)
Water supply	approx. 400 L/h (excl. provisions for fruit parts and juice drainage)
Noise emission	approx. 60 dB(A), without product
Materials	Stainless steel 316
Weight net / packed	approx. 285 / 330 kg
Included	2 x basket (2 - 5 mm), 2 x beater, 2 x containers with holes, standard inlet hopper
Optional	Basket sizes 1.5 - 8 mm
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-3010 Seed Incubation & Disinfection](#)
[SD-4510 Seed Centrifuge](#)
[SD-5020 Seed Double & Quattro Dryer](#)

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€ 25,000

MODEL SD-1175

Manual Seed Extractor

Field-going extractor for pumpkin, watermelon and melon seed.

600-700 kg

Seed per hour

30-40,000 m²

Field per day

1320 kg

Empty weight



Overview

The SD-1175 uses compressed air to move seeds into storage, reducing grain moisture by 20% and removing dirt for a cleaner product, with a 40% shorter drying time. Strengthened pivots make the machine more durable and prevent breaks and failures, while a larger reservoir diameter boosts capacity. The first and second cleaning tambours are bolted rather than welded for easy removal and installation - switching the tambour sifter for watermelons, melons or small-grain pumpkins is effortless.

Key Features

- Compressed-air seed transfer into storage
- Approx. 40% shorter drying time
- Enlarged reservoir diameter for higher capacity
- Tip: store stalk-free pumpkins no longer than 8-10 days
- Approx. 20% lower grain moisture and cleaner seed
- Strengthened pivots for durability
- Bolted tambours for quick changeover between crops
- Self-lubricating with pumpkin material - never run idle

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

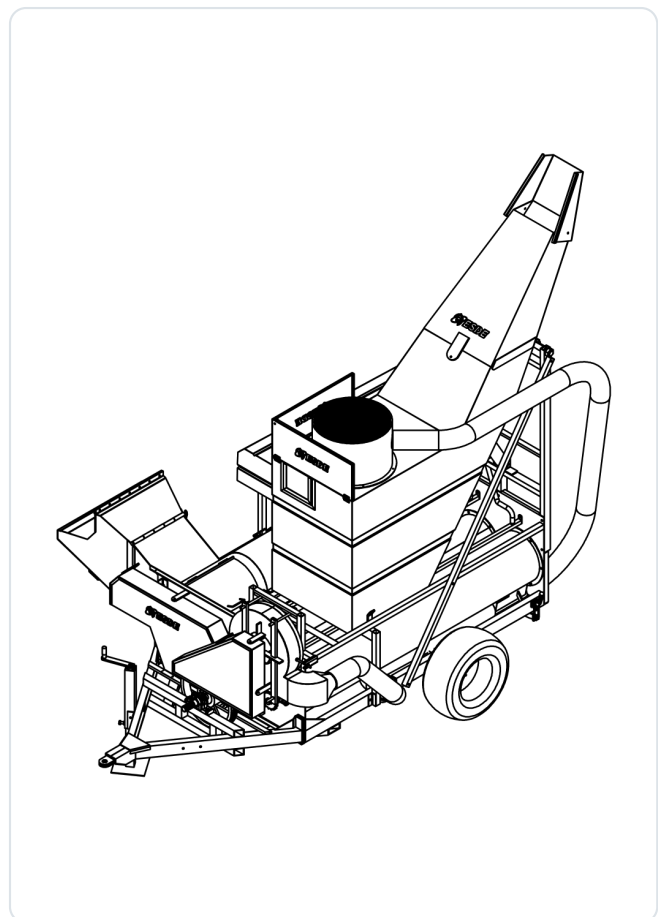
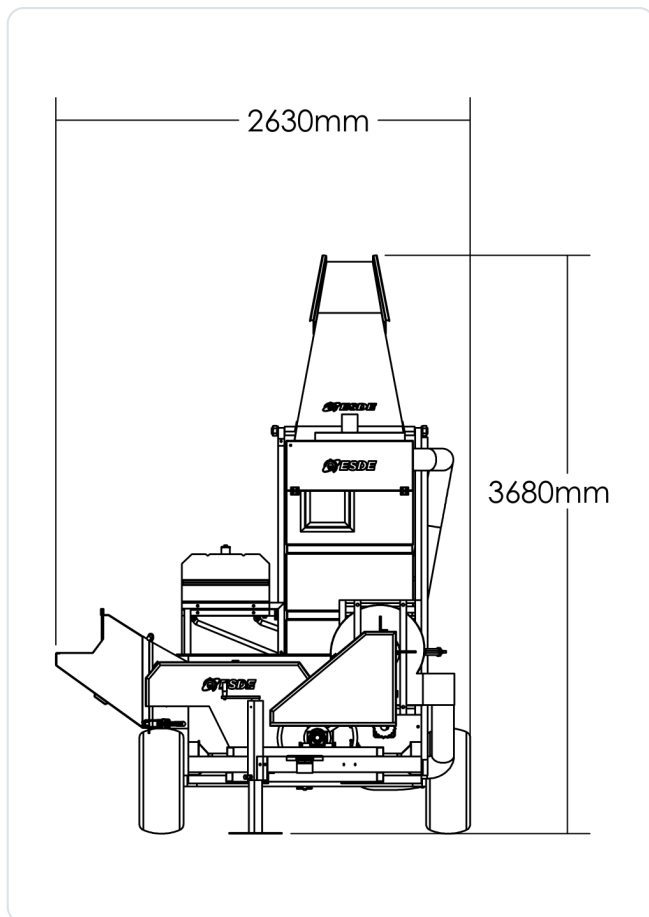
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AI Sales Agent on our website

Technical Specifications | SD-1175

Parameter	Specification
Grain process capacity	600 - 700 kg seed per hour
Field capacity	30,000 - 40,000 m ² per day
Grain separation drum	Diameter 440 mm, length 2400 mm
Track width	2070 mm
Total size	Length 4400 mm; operating width 2630 mm; height 3680 mm
Materials	Powder-coated steel
Weight (empty)	approx. 1320 kg
Optional	Electric motor transmission: 380 - 415 V, 3 ph + N + ground, 50/60 Hz, 9 kW, 32 A (slow blow)
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-3010 Seed Incubation & Disinfection >](#)
[SD-4510 Seed Centrifuge >](#)
[SD-5020 Seed Double & Quattro Dryer >](#)

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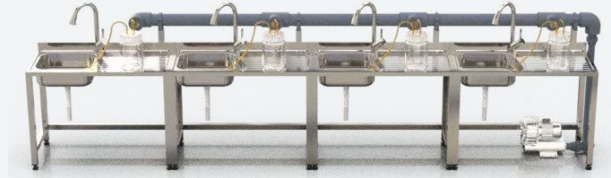
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€ 35,000

MODEL SD-1510

Vacuum Seed Extractor Desk

Gentle, damage-free extraction for breeding lots.

**1 kg/min**

Tomato per operator

4

Desks per set

0.75 kW

Max. power

Overview

The vacuum seed extractor gently removes seeds from small quantities of tomatoes, peppers and cucumbers without any seed damage. It adapts to various vegetables with three different hose diameters. Built for breeding work, it is produced in sets of four desks and operated by a minimum of four people. Transparent vacuum jars keep the process visible and safe, and extracted seeds can be stored conveniently in special pouches.

Key Features

- Vacuum adjustable to the number of operators
- Individual sink tap for each operator
- Four units mount side by side, face to face
- Disassemblable stainless-steel sink counters
- Plug-in pneumatic hose connectors, 3 hose diameters
- Transparent vacuum jars for safe, observable work

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

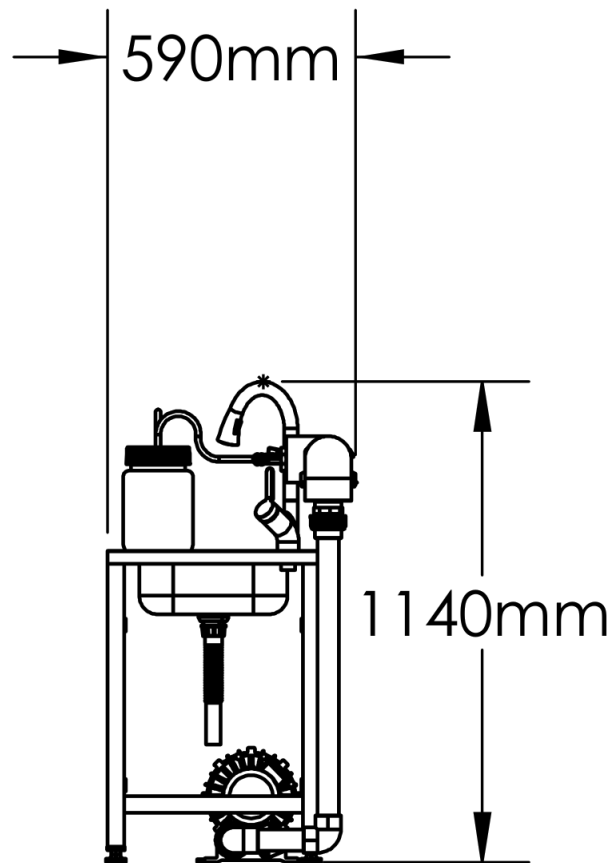
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AI Sales Agent on our website

Technical Specifications | SD-1510

Parameter	Specification
Capacity	Tomato: 1 kg per minute per operator
Dimensions	100 x 70 x 70 cm per desk
Electrical connection	180 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	0.75 kW / 10 A
Connections	Water supply Ø25 mm; drain 50 mm
Materials	Stainless steel 304 and plastics
Weight	Depends on the number of desks
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-3010 Seed Incubation & Disinfection](#)
[SD-4510 Seed Centrifuge](#)
[SD-5020 Seed Double & Quattro Dryer](#)

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4 desks € 3,000

MODEL SD-2030

Pulp Transporter

Helix screw conveyor that clears pulp from the extractor.

The helix screw conveyor transfers vegetable pulp from the seed extractor to a trailer or waste container. Known for excellent sealing, it ensures efficient and secure transport and can be customised in size and capacity to your needs. Available in 3, 4 and 5 metre lengths.



Key Features

- Available in 3, 4 and 5 m lengths
- Inclined or non-inclined execution
- Excellent sealing for clean transport
- Steel components in AISI 304/316 stainless steel
- Customisable size and capacity
- Mobile frame on castors



NEXT IN YOUR PROCESS CHAIN

[SD-3010 Seed Incubation & Disinfection >](#)
[SD-4510 Seed Centrifuge >](#)
[SD-5020 Seed Double & Quattro Dryer >](#)

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3 m € 7,250

4 m € 8,125

5 m € 9,000

MODEL SD-2550 | SD-2650

Vertical Fruit Transporter

Feeds fruit from ground level to the extractor - with optional pre-washing.

Vertical conveyors transport fruit continuously from ground level to the working height of the machine. A modular PVC pallet belt ensures homogeneous, efficient feeding of the seed extraction machine (SD-1050) or other fruit and vegetable applications. Body and parts are made from 304-grade Cr-Ni stainless steel. The SD-2650 adds a fruit feeding silo for pre-washing and disinfection, using a stainless-steel pump to circulate disinfectant or water.



Key Features

- Modular PVC pallet belt for homogeneous feeding
- 304-grade Cr-Ni stainless steel construction
- Stainless-steel circulation pump (SD-2650)
- Works with the SD-1050 Seed Extraction Machine
- SD-2650: silo for pre-washing and disinfection
- Separate control panel with emergency stop



NEXT IN YOUR PROCESS CHAIN

[SD-3010 Seed Incubation & Disinfection >](#)
[SD-4510 Seed Centrifuge >](#)
[SD-5020 Seed Double & Quattro Dryer >](#)

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SD-2550 € 11,750

SD-2650 € 14,500

COLLECTION 02

Incubation & Centrifuge

Fermentation, incubation and spin drying of wet seed after extraction, disinfection or priming.

4 PRODUCT FAMILIES IN THIS COLLECTION



SD-3010

Seed Incubation & Disinfection

Homogeneous incubation of wet seed after extraction or disinfection.

Page 16 ›



SD-3110

Seed Incubation & Disinfection Tank

The SD-3010 process on a large scale - in an acid-resistant plastic tank.

Page 18 ›



SD-4010

Lab Scale Seed Centrifuge

Countertop spin drying and rinsing for breeding and R&D; batches.

Page 20 ›



SD-4510

Seed Centrifuge

Commercial spin drying and rinsing of moist seed.

Page 22 ›

MODEL SD-3010

Seed Incubation & Disinfection

Homogeneous incubation of wet seed after extraction or disinfection.

250 L

Tank capacity

2.2 kW

Max. power

SS 304

Construction



Overview

Effective separation of wet seed significantly improves purity after extraction. The SD-3010 is used for incubation with chemicals (acid and/or alkali) or enzymes (e.g. soaking in fruit juice) to separate seed from fruit pulp, and for incubating seeds after disinfection. Its corrosion-resistant structure and mechanical mixing ensure homogeneous processing without mechanical damage, with mixing speed adjustable to the seed type.

Key Features

- Prepares seed for faster, more uniform washing
- Mechanical mixing without seed damage
- Speed control for each seed type
- Easy seed filling and unloading
- Corrosion-resistant stainless-steel tank
- Suitable for chemical and enzymatic incubation

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

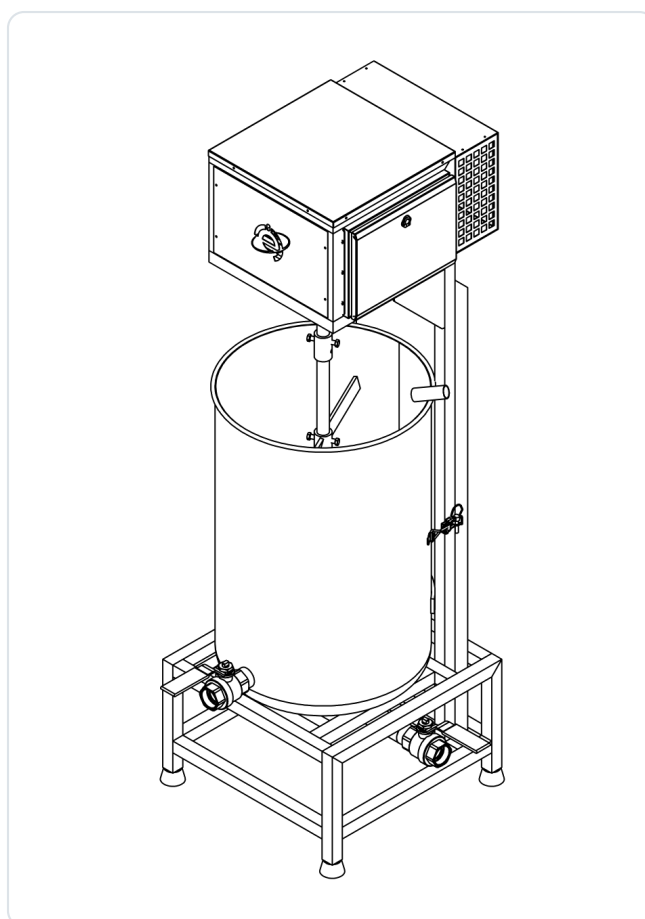
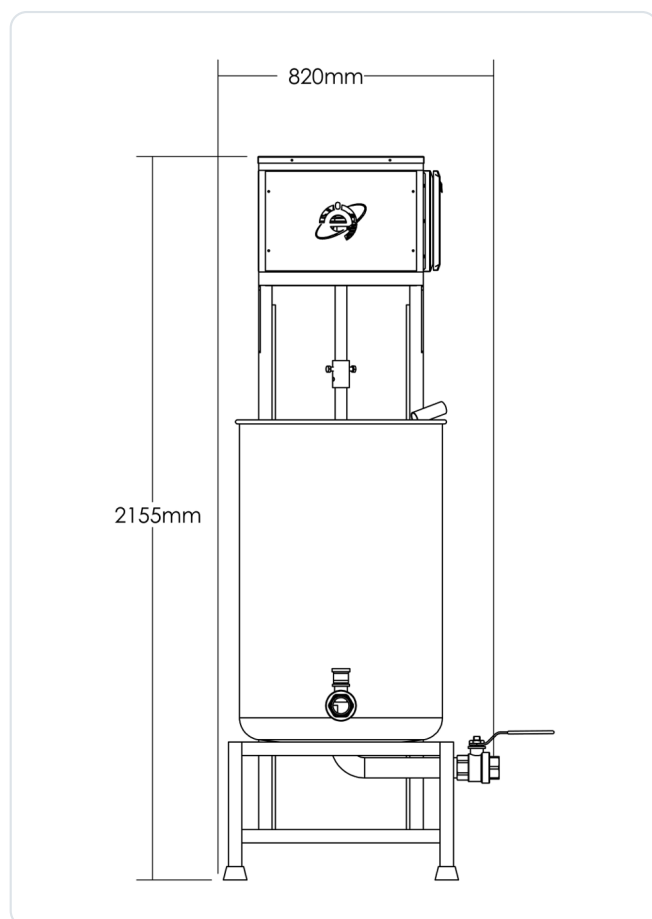
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AI Sales Agent on our website

Technical Specifications | SD-3010

Parameter	Specification
Capacity	250 L
Dimensions (L x W x H)	900 x 820 x 2155 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	2.2 kW / 16 A
Drain connection	63 mm
Noise emission	approx. 50 dB(A), without product
Materials	Stainless steel 304
Weight net / packed	approx. 180 / 220 kg
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer ›](#)
[SD-5110 Seed Drying Mixer ›](#)
[SD-6110 Seed Air Separator ›](#)

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€ 7,500

MODEL SD-3110

Seed Incubation & Disinfection Tank

The SD-3010 process on a large scale - in an acid-resistant plastic tank.

1000 L

Tank capacity

2.2 kW

Max. power

PE

Food-grade tank



Overview

The SD-3110 offers the services and advantages of the SD-3010 on a larger scale. Corrosion resistance comes from a polyethylene tank, making it a unique tool for processing large quantities of seed. Mixing settings can be tailored to each seed type through speed control, and the design makes filling and unloading easy.

Key Features

- 304-grade Cr-Ni stainless-steel mixer paddles
- Acid-resistant plastic tank
- Valve and outlet configurable to your needs
- Electrostatic painted body structure
- Tank from food-grade polyethylene
- Mobile frame with loading platform

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

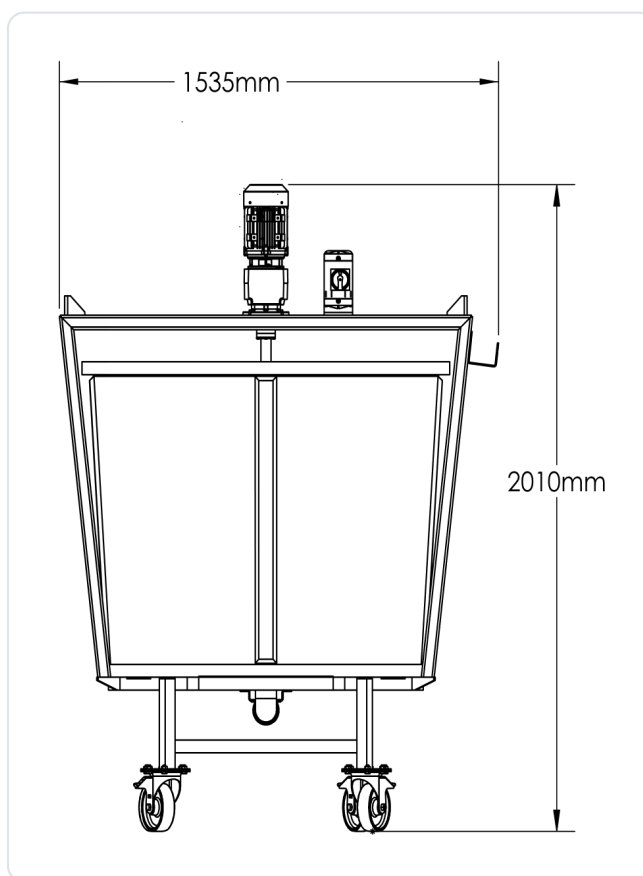
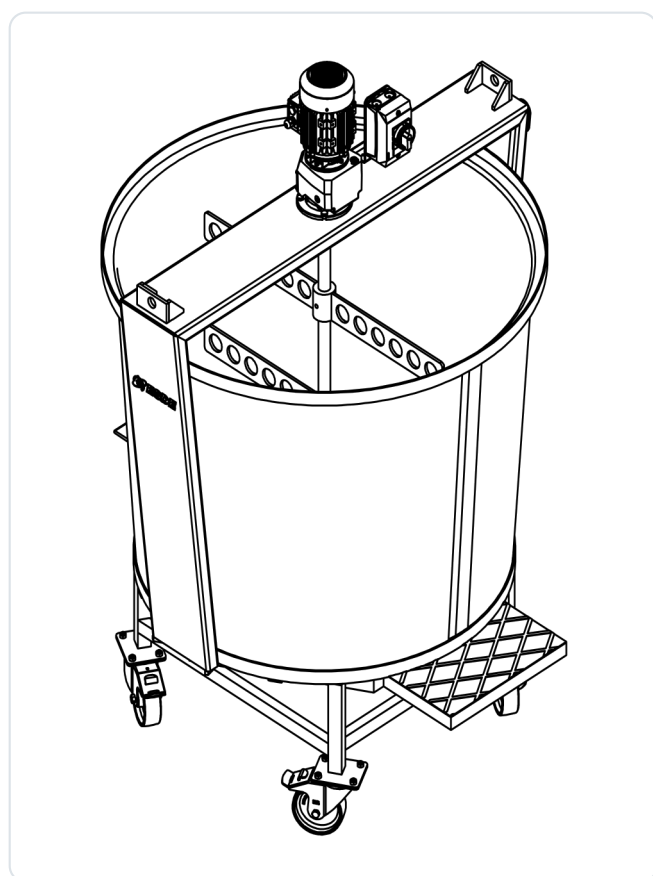
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AI Sales Agent on our website

Technical Specifications | SD-3110

Parameter	Specification
Capacity	1000 L
Dimensions (L x W x H)	1535 x 1420 x 2010 mm
Electrical connection	380 - 415 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	2.2 kW / 10 A
Drain connection	75 mm
Noise emission	approx. 50 dB(A), without product
Materials	Electrostatic paint and plastics
Weight net / packed	approx. 250 / 310 kg
Optional	Speed control unit
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer ›](#)
[SD-5110 Seed Drying Mixer ›](#)
[SD-6110 Seed Air Separator ›](#)

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€ 8,750

MODEL SD-4010

Lab Scale Seed Centrifuge

Countertop spin drying and rinsing for breeding and R&D; batches.

**2 kg**

Wet seed per drum

200-700

rpm, variable

10 s-10 min

Timer

Overview

Designed for small seed batches in breeding and testing, the SD-4010 accommodates nearly all seed types and treatment processes. It is used for centrifuging (spin drying) and rinsing moist seeds - extracted, disinfected, impregnated or primed - making it ideal for research and development facilities.

Key Features

- Water-contact surfaces in polypropylene
- Adjustable speed
- Timer 10 seconds to 10 minutes with automatic stop
- Inner drum in Cr-Ni 304 stainless steel
- Safety switch in the cover - runs only when closed
- Vibration-free base with rubber feet for countertop use

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

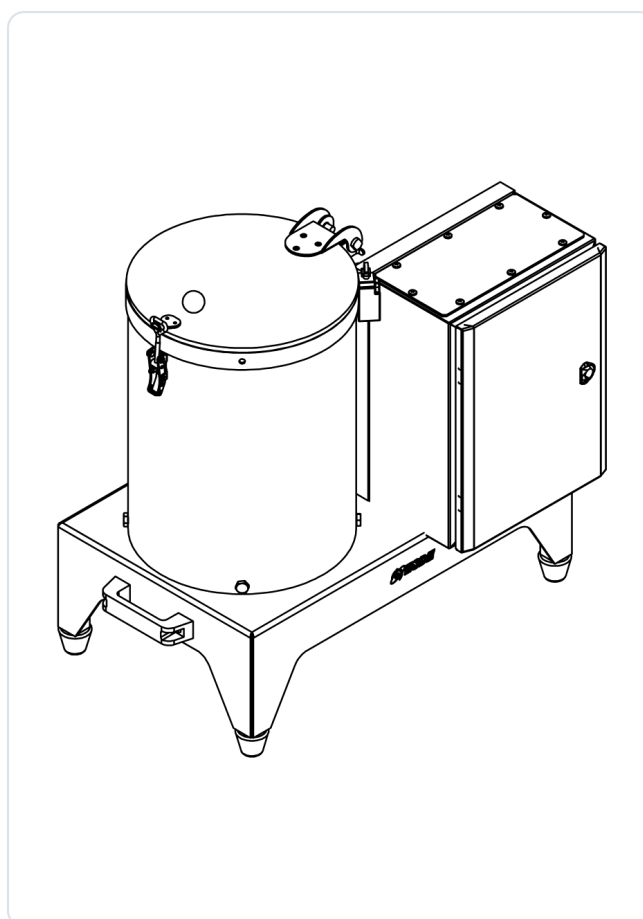
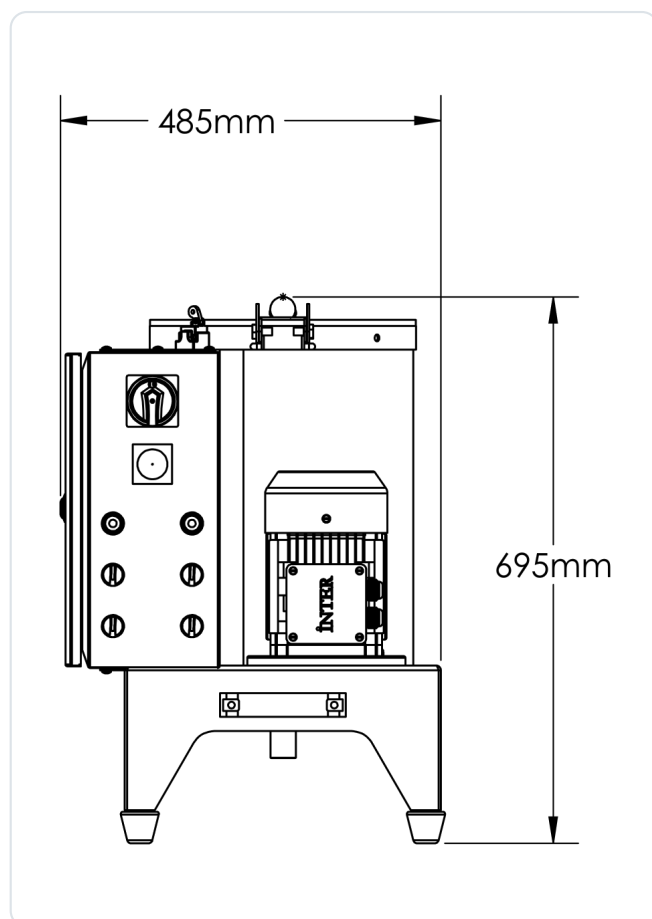
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Technical Specifications | SD-4010

Parameter	Specification
Capacity	Max. 2 kg wet seed per drum; 200 - 700 rpm variable
Dimensions (L x W x H)	745 x 480 x 485 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	2.2 kW / 16 A
Drain connection	32 mm
Noise emission	approx. 55 dB(A), without product
Materials	Electrostatic paint and plastic
Weight net / packed	approx. 50 / 60 kg
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer >](#)
[SD-5110 Seed Drying Mixer >](#)
[SD-6110 Seed Air Separator >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

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€ 5,000

MODEL SD-4510

Seed Centrifuge

Commercial spin drying and rinsing of moist seed.

**20 kg**

Wet seed per basket

200-700

rpm, variable

10 s-10 min

Timer

Overview

The SD-4510 centrifuges (spin dries) and rinses moist seeds, including extracted, disinfected, imbibed or primed seed. Its capacity and robust construction make it highly suitable for commercial processing plants.

Key Features

- Water-contact surfaces in polypropylene
- Adjustable speed
- Timer 10 seconds to 10 minutes with automatic stop
- Inner basket in Cr-Ni 304 stainless steel
- Safety switch in the cover - runs only when closed
- Sturdy base frame against vibration

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

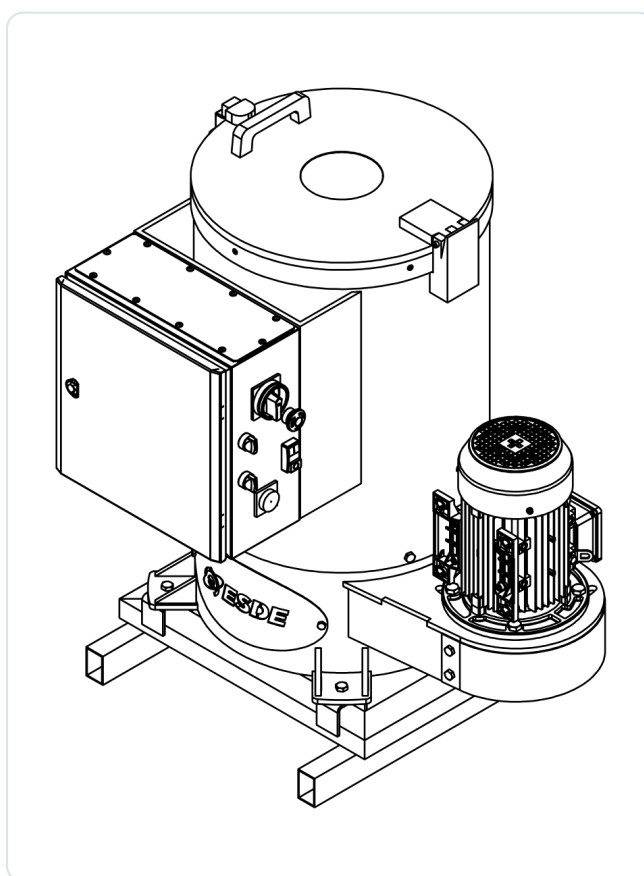
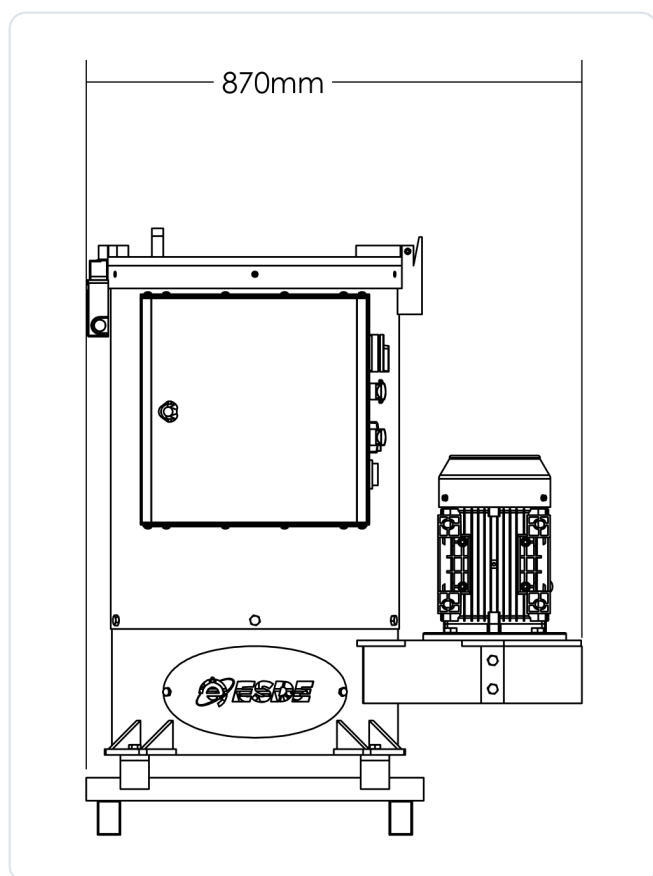
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AI Sales Agent on our website

Technical Specifications | SD-4510

Parameter	Specification
Capacity	Max. 20 kg wet seed per basket; 200 - 700 rpm variable
Dimensions (L x W x H)	870 x 835 x 1060 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	2.2 kW / 16 A
Drain connection	63 mm
Noise emission	approx. 65 dB(A), without product
Materials	Electrostatic paint and plastic
Weight net / packed	approx. 160 / 200 kg
Included	1 basket
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer ›](#)
[SD-5110 Seed Drying Mixer ›](#)
[SD-6110 Seed Air Separator ›](#)

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€ 8,500

COLLECTION 03

Drying

Conditioned, reproducible drying - from breeding drawers to 16-basket production dryers.

5 PRODUCT FAMILIES IN THIS COLLECTION



SD-5020 | SD-5040

Seed Double & Quattro Dryer

Controlled, reproducible batch drying for vegetable and hemp seed.

[Page 25 >](#)



SD-5110

Seed Drying Mixer

Conditioned drying with mixer combs for perfectly uniform results.

[Page 27 >](#)



SD-5210 | SD-5310

UniDry ProSeed Drying System

Independent drawers, separated airflow - uniform drying for every lot.

[Page 29 >](#)



SD-5410

Horizontal Seed Drying System

Continuous conveying, cleaning and drying in one modular line.

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SD-5016

D16 Conditioned Seed Dryer

16 baskets in two independent sections for large production lots.

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MODEL SD-5020 | SD-5040

Seed Double & Quattro Dryer

Controlled, reproducible batch drying for vegetable and hemp seed.

**41 L**

Per basket

1-12.5 kg

Seed per basket

3 kW

Max. power

Overview

The SD-5020 dries seed batches in two independent baskets under fully controlled air conditions. Drying parameters are saved as recipes, so every batch of the same variety is dried exactly like the last. Recirculating AC fans and evaporator-based dehumidification keep energy use low and avoid the extra heat that desiccant rotors produce. The SD-5040 Quattro Dryer offers the same technology with four baskets.

Key Features

- Automatic, reproducible drying with recipe memory
- Precise control regardless of ambient climate
- Energy efficient: AC recirculating fans and dehumidification
- Ideal for conditional drying of high-value seed
- Industry-standard 41 L baskets
- Double (2 baskets) or Quattro (4 baskets)

Good to know: average drying time is approx. 60 minutes per batch. For film-coated seed we recommend a working fill of 6 - 8 kg per basket.

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

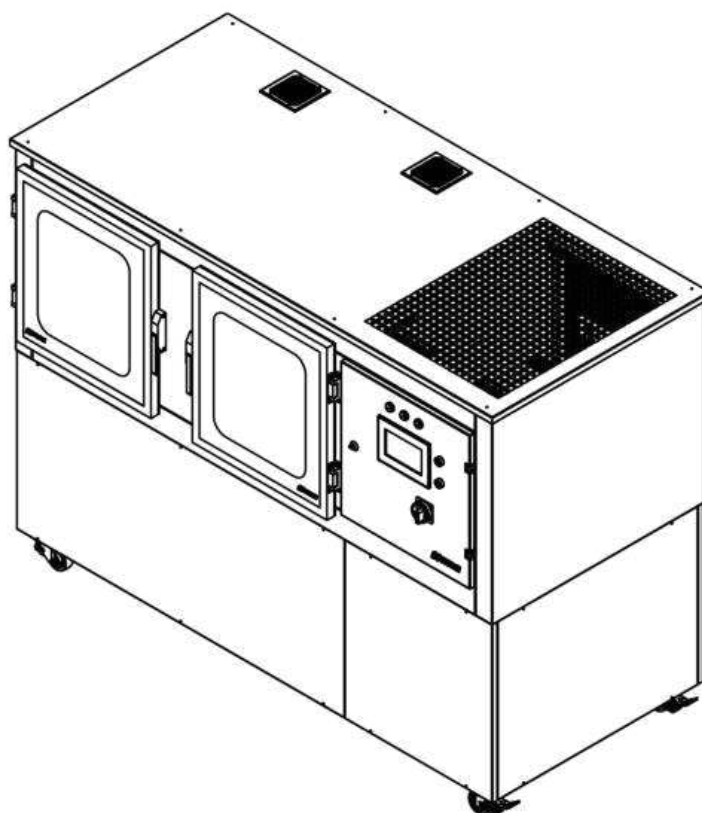
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AI Sales Agent on our website

Technical Specifications | SD-5020 | SD-5040

Parameter	Specification
Capacity	41 L per basket; 1 - 12.5 kg seed per basket
Baskets included	2 (SD-5020 Double) / 4 (SD-5040 Quattro)
Dimensions (L x W x H)	2025 x 980 x 1545 mm (Double); 2025 x 1435 x 1545 mm (Quattro)
Electrical connection	380 - 400 V, 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	3 kW / 16 A
Drain connection	25 mm
Noise emission	approx. 75 dB(A), without product
Materials	Stainless steel 304 and plastics
Weight net / packed	approx. 360 / 420 kg (Double); 420 / 480 kg (Quattro)
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-8107 Semi-Automatic Seed Coating Machine >](#)
[SD-14010 Seed Counting Machine >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

[> Visit \[www.esdemakine.com\]\(http://www.esdemakine.com\)](#)
[> WhatsApp +90 545 844 4550](#)

SD-5020 € 21,875

SD-5040 € 25,500

MODEL SD-5110

Seed Drying Mixer

Conditioned drying with mixer combs for perfectly uniform results.

25 kg

Wet seed per drum

7" HMI

PLC control

7 kW

Max. power



Overview

The SD-5110 is engineered for the controlled drying of vegetable seeds in commercial processing plants. Its innovative design and user-friendly interface solve the challenge of uniform seed drying, with a substantial drying capacity. Stainless-steel mixers and the seed basket are easy to install and remove.

Key Features

- Purpose-designed seed dryer
- Mixer combs for homogeneous drying
- Precise drying independent of ambient climate
- 7-inch HMI operator panel with PLC control
- Ergonomic, detachable antistatic plastic basket
- Energy-saving closed-circuit air circulation
- Dehumidification and air conditioning
- Adjustable mixer speed

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

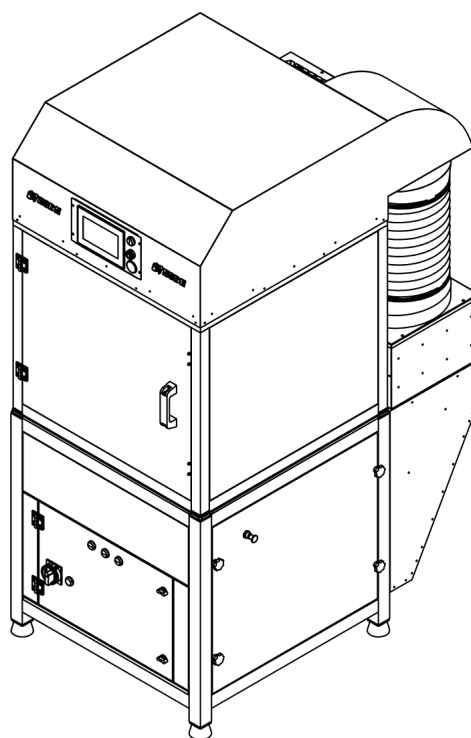
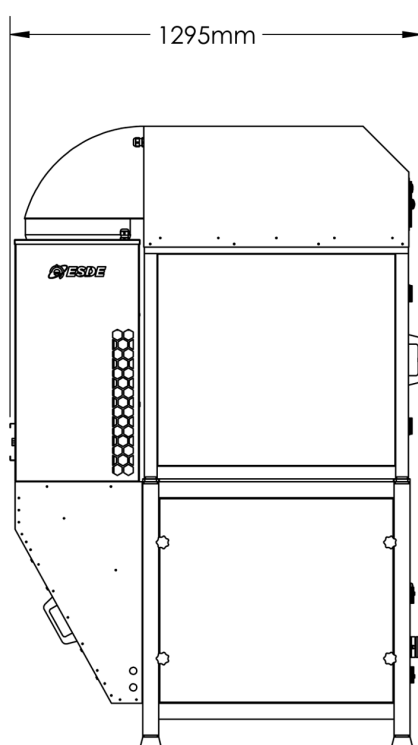
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AI Sales Agent on our website

Technical Specifications | SD-5110

Parameter	Specification
Capacity	Max. 25 kg wet seed in drum (varies by crop)
Dimensions (L x W x H)	910 x 1295 x 1960 mm; process height 2360 mm
Electrical connection	380 - 415 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	7 kW / 20 A
Compressed air	min. 4 bar / max. 8 bar
Drain connection	32 mm
Noise emission	approx. 85 dB(A), without product
Materials	Stainless steel 304 and plastics
Weight net / packed	approx. 190 / 220 kg
Included	1 antistatic plastic basket
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-8107 Semi-Automatic Seed Coating Machine >](#)
[SD-14010 Seed Counting Machine >](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 17,750

MODEL SD-5210 | SD-5310

UniDry ProSeed Drying System

Independent drawers, separated airflow - uniform drying for every lot.

30 kg

Wet seed total

350 m³

Min. airflow

7.1"

Touch panel



Overview

UniDry ensures a uniform seed drying process. It is built from a 5-layer material that is both antistatic and moisture resistant. Each drawer operates independently with separate air inlets and outlets, preventing air mixing and providing a minimum of 350 m³ of airflow. The SD-5310 Breeding System offers six drawers with 50 boxes each.

Key Features

- Moist and dry air kept strictly separated
- Heating, cooling and dehumidification in one unit
- 5-layer antistatic, moisture-resistant material
- Dehumidification unit supplies dry air to each drawer
- Independently operable drawers
- 7.1-inch PLC touch-screen control panel

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

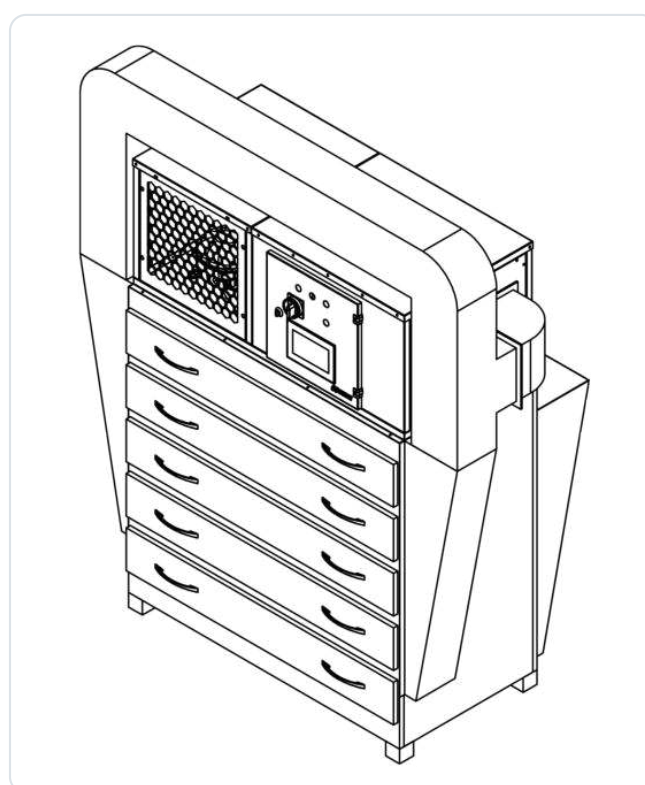
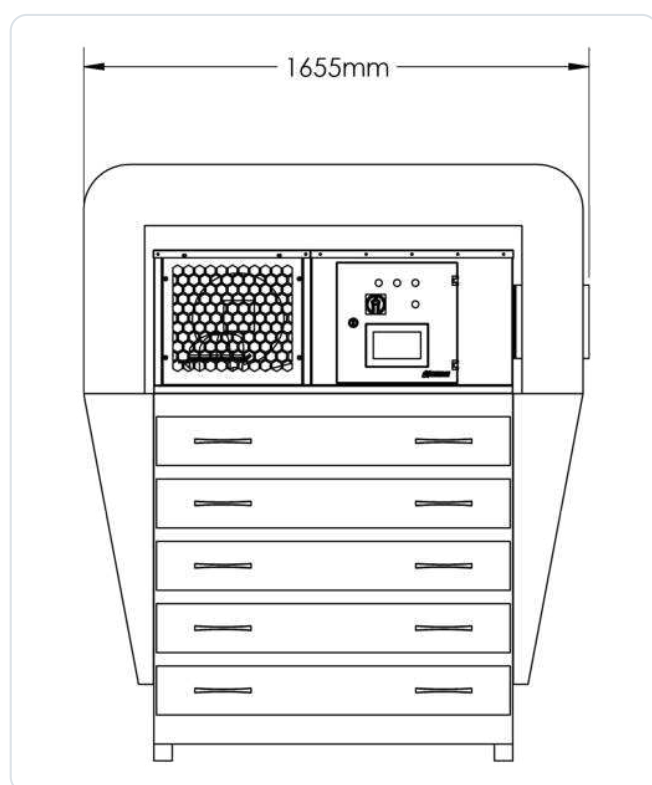
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AI Sales Agent on our website

Technical Specifications | SD-5210 | SD-5310

Parameter	Specification
Capacity SD-5210 (drying)	Max. 6 kg wet seed per drawer; 30 kg in 5 drawers
Capacity SD-5310 (breeding)	Max. 100 g per box; 50 boxes = 5 kg per drawer; 30 kg in 6 drawers
Dimensions (L x W x H)	1655 x 890 x 1955 mm
Electrical connection	380 - 400 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	7 kW / 20 A
Drain connection	25 mm
Noise emission	approx. 75 dB(A), without product
Materials	Marine chipboard and electrostatic paint
Weight net / packed	approx. 280 / 320 kg
Included	5 drawers (SD-5210) / 6 drawers (SD-5310)
Optional	Tulle bags
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-8107 Semi-Automatic Seed Coating Machine >](#)
[SD-14010 Seed Counting Machine >](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

SD-5210 € 9,000

SD-5310 € 10,750

MODEL SD-5410

Horizontal Seed Drying System

Continuous conveying, cleaning and drying in one modular line.


50-170 kg/h

Continuous

5.6 m

Line length

7 kW

Max. power

Overview

The HSDS has a modular construction for conveying, cleaning and drying various seeds - including coated or dressed materials - and similar products. An eccentric shaft moves the conveyor back and forth via connecting rods, transporting material over coiled suspension units. Each heating section receives independent warm air from heaters and blowers below the deck.

Key Features

- Modular construction for conveying, cleaning and drying
- Screen system with heating and screening sections
- Adjustable feeding gate controls layer thickness
- Heating by electricity, natural gas, LPG, solid fuel or ambient air
- Suitable for coated and dressed seed
- Independent warm air per heating section
- 2.2 kW main drive (frequency inverter not included)

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

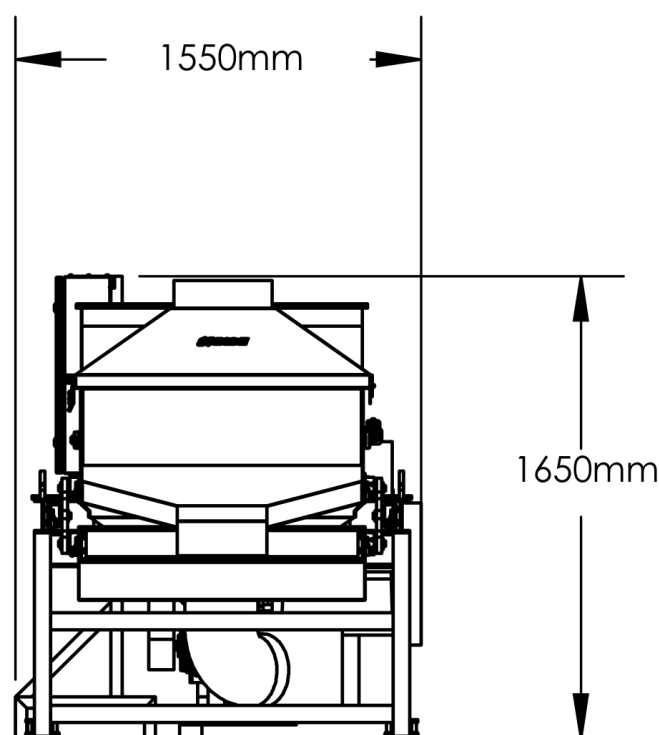
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Technical Specifications | SD-5410

Parameter	Specification
Capacity	Min. 50 - max. 170 kg seed per hour, continuous
Dimensions (L x W x H)	5580 x 1550 x 1650 mm
Electrical connection	380 - 400 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	7 kW / 20 A
Connections	Air ducts
Noise emission	approx. 75 dB(A), without product
Materials	Electrostatic oven-painted steel; stainless 304 Cr-Ni sieve wire
Weight net	approx. 750 kg
Included	Fan
Optional	Heating system, adjustable speed control
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-8107 Semi-Automatic Seed Coating Machine >](#)
[SD-14010 Seed Counting Machine >](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 26,000

MODEL SD-5016

D16 Conditioned Seed Dryer

16 baskets in two independent sections for large production lots.

16 x 41 L

Baskets

2

Independent sections

13 kW

Max. power



Overview

The SD-5016 is engineered for precise, controlled drying of vegetable and hemp seed lots in commercial processing plants, where seed quality and efficiency are paramount. Automatic, reproducible drying processes preserve the quality of your seed and can be stored as recipes for future use.

Key Features

- Up to 16 baskets for large seed batches
- Automatic, reproducible drying processes
- Evaporator-based dehumidification
- Two independent sections with 8 baskets each
- Recipes stored for future use
- Stainless steel 304 Cr-Ni construction

Good to know: average drying time is approx. 60 minutes per batch. For film-coated seed we recommend a working fill of 6 - 8 kg per basket.

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

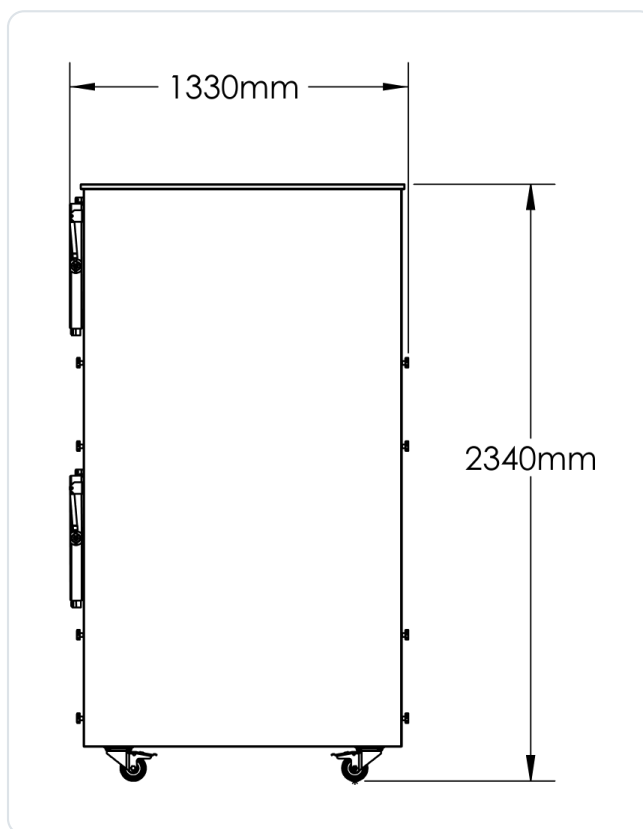
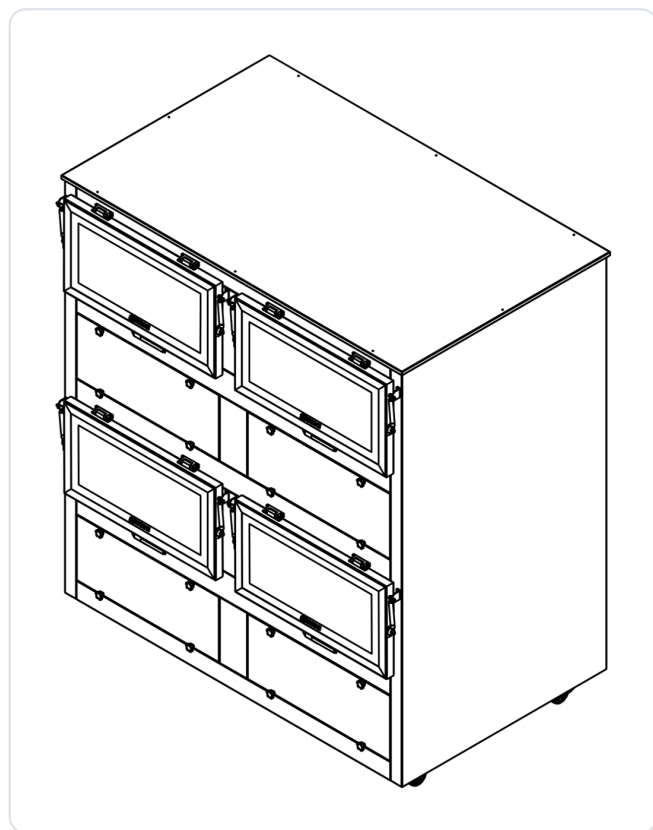
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AI Sales Agent on our website

Technical Specifications | SD-5016

Parameter	Specification
Capacity	16 baskets of 41 L each; 1 - 12.5 kg seed per basket
Dimensions (L x W x H)	2080 x 1330 x 2340 mm
Electrical connection	380 - 400 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	13 kW / 32 A (slow blow)
Drain connection	32 mm
Noise emission	approx. 75 dB(A), without product
Materials	Stainless steel 304 Cr-Ni
Weight net / packed	approx. 820 / 940 kg
Included	16 x basket
Optional	Ozone, UV
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-8107 Semi-Automatic Seed Coating Machine >](#)
[SD-14010 Seed Counting Machine >](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 54,000

COLLECTION 04

Cleaning & Separation

Blowers, air-screen cleaners, gravity separators and brushing machines for maximum seed purity.

7 PRODUCT FAMILIES IN THIS COLLECTION



SD-6010

Lab Seed Blower

Air-flow separation of empty seed and impurities - ideal for cucurbits.

[Page 36 >](#)



SD-6020

PrecisionMax Seed Blower

[Page 38 >](#)



SD-6110

Seed Air Separator

[Page 40 >](#)



SD-6210

Seed Air Screen Selector

[Page 42 >](#)



SD-6310

Seed Air Screen Cleaner

[Page 44 >](#)



SD-6410

Seed Gravity Separator

[Page 46 >](#)



SD-7010

Seed Brushing Machine

[Page 48 >](#)

MODEL SD-6010

Lab Seed Blower

Air-flow separation of empty seed and impurities - ideal for cucurbits.

5-10 g

Per sample

1.1 kW

Max. power

2

Bowls included



Overview

A highly effective tool to separate empty seeds and impurities from dried seed, particularly in cucurbit species, using air flow. Contaminated seed is placed in the special funnel and inserted into the tube; unwanted particles such as straw and dried fruit fragments are collected in the transparent container at the side. Particularly suited to breeding work.

Key Features

- Air-regulating gate with handwheel for precise adjustment
- Stainless-steel perforated baffle for even air distribution
- Seed cup machined from solid aluminium
- Calibrated dial for repeatable settings
- Converging cone beneath the seed-cup screen
- Removable stainless-steel wire mesh screen

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

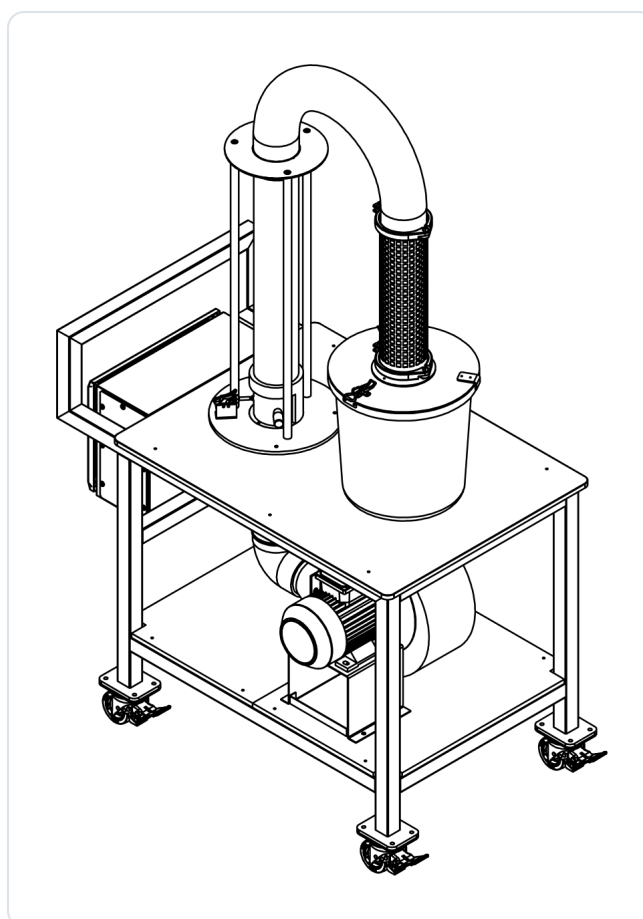
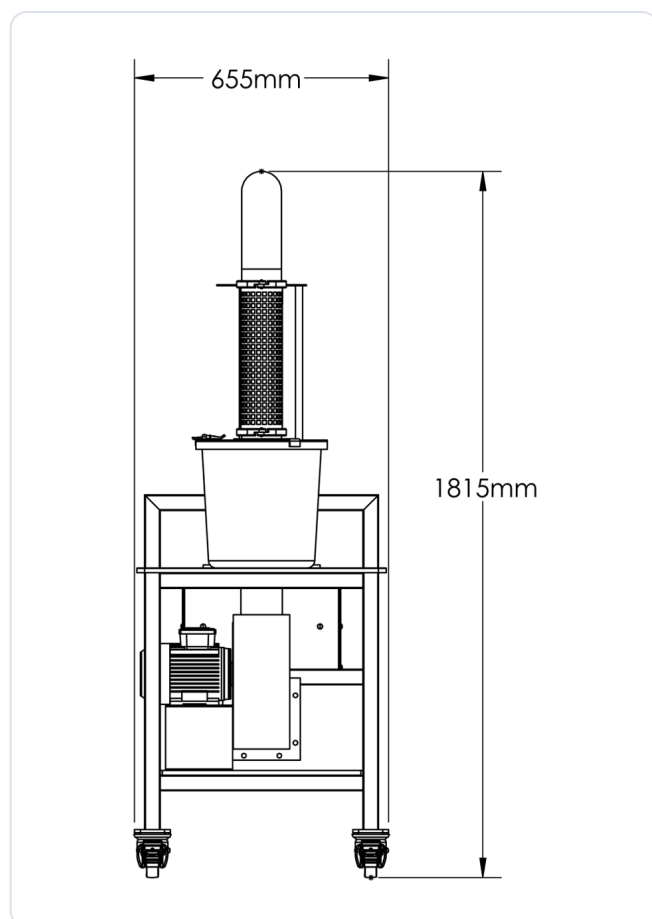
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AI Sales Agent on our website

Technical Specifications | SD-6010

Parameter	Specification
Capacity	Max. 5 - 10 g per sample
Dimensions (L x W x H)	1085 x 655 x 1815 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1.1 kW / 10 A
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic painted sheet and profile, aluminium
Weight net / packed	approx. 100 / 130 kg
Included	2 bowls
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-8107 Semi-Automatic Seed Coating Machine ›](#)
[SD-10040 Hot Water Disinfection Unit ›](#)
[SD-14010 Seed Counting Machine ›](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 6,625

MODEL SD-6020

PrecisionMax Seed Blower

Continuous, accurate and repeatable density separation.

100 kg/h

Continuous

0.5-18 m/s

Air velocity

2.2 kW

Max. power



Overview

Achieve accurate, repeatable separations and maximise productivity with the continuous seed blower - easier to set up than a gravity table. It effectively separates seeds and grains of different densities, seeds from cavities and straw, and soil particles from grass seed, across a wide variety of species from large to small.

Key Features

- Crack-resistant polycarbonate tubing - no broken acrylic tubes
- Air velocity adjustable from 0.5 to 18 m/s
- Keeps denser, more viable seed for reproduction
- Stepless electronic fan speed control
- Vibrating feeder for continuous operation
- Batches up to 100 kg for vegetable and flower seed

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

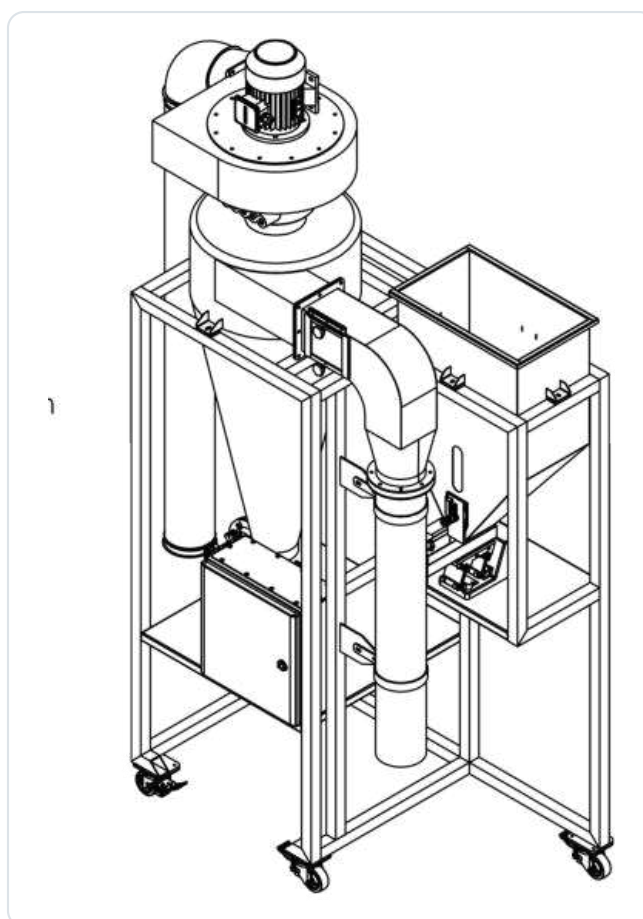
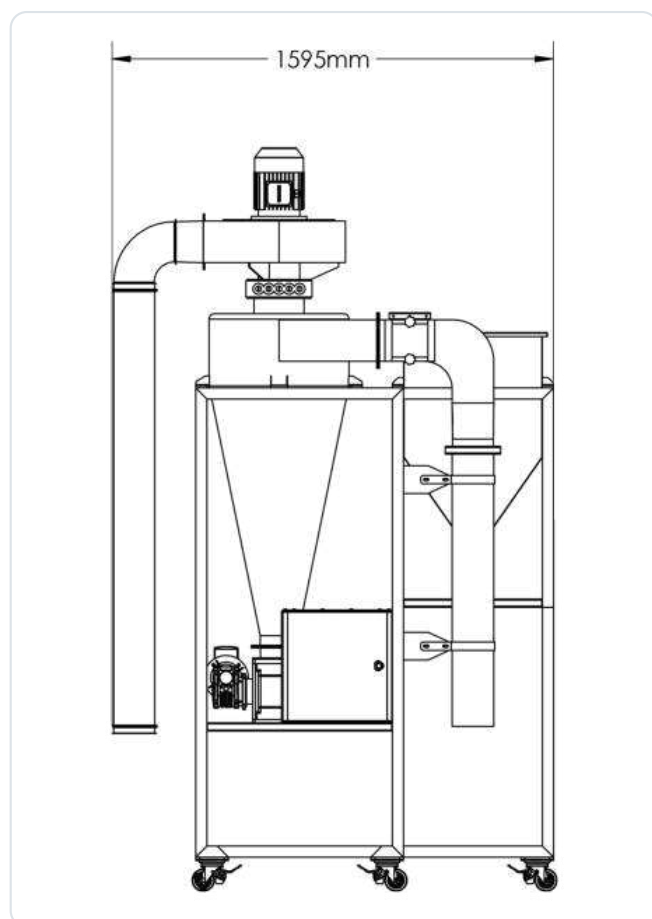
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Technical Specifications | SD-6020

Parameter	Specification
Capacity	100 kg per hour
Dimensions (L x W x H)	1595 x 755 x 2680 mm
Electrical connection	380 - 400 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	2.2 kW / 10 A
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic painted sheet and profile, aluminium
Weight net / packed	approx. 140 / 170 kg
Included	2 bowls
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-8107 Semi-Automatic Seed Coating Machine ›](#)
[SD-10040 Hot Water Disinfection Unit ›](#)
[SD-14010 Seed Counting Machine ›](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 10,000

MODEL SD-6110

Seed Air Separator

Separates heavy, good seed from light and empty seed by specific gravity.

0.1-4 kg

Hopper content

3 x 5 L

Antistatic bins

1.1 kW

Max. power



Overview

Pre-cleaned vegetable and field crop seeds are separated and classified by specific gravity, distinguishing heavy good seed from lighter and empty seed. Ideal for basic seed stations and breeding facilities - from fine seeds such as celery and spinach to large seeds such as squash and corn.

Key Features

- Raises the quality of valuable seed lots
- Hinged door for fast inspection and cleaning of the air chamber
- Fine seeds (celery to spinach) and large seeds (squash to corn)
- Precise adjustment of vibrating trough and ventilator
- Quiet operation with frequency-controlled ventilator
- Suited to breeding and foundation seed stations

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

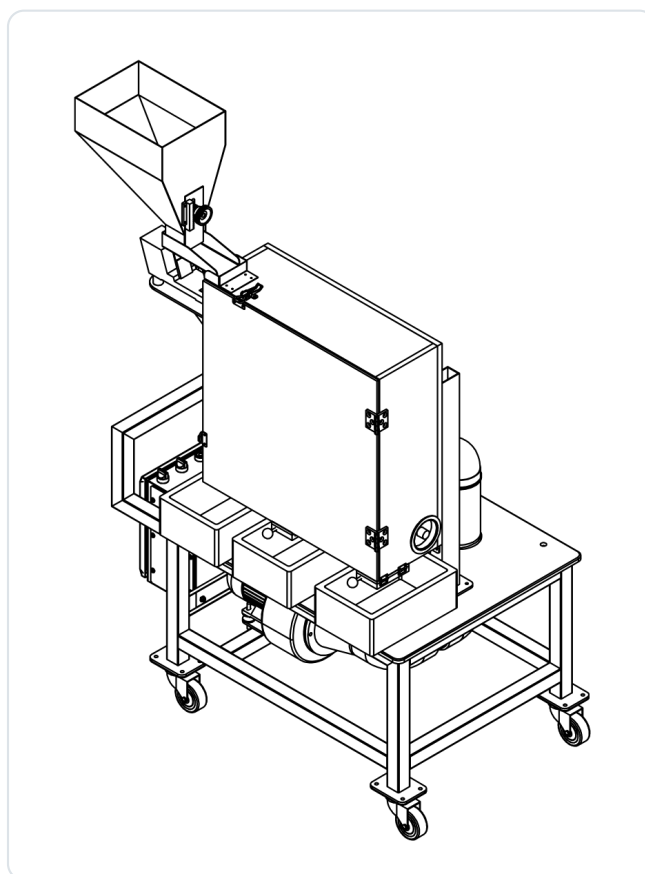
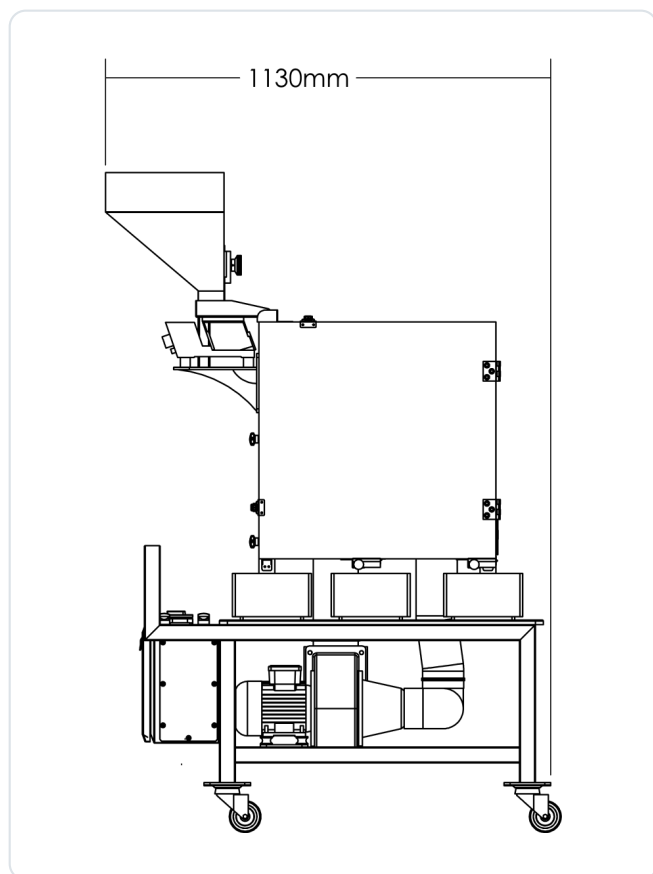
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AI Sales Agent on our website

Technical Specifications | SD-6110

Parameter	Specification
Capacity	approx. 100 g - 4 kg seed; inlet hopper 4 L; bin approx. 5 L
Dimensions (L x W x H)	1130 x 690 x 1670 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1.1 kW / 16 A
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic painted sheet metal and marine hardboard
Weight net / packed	approx. 120 / 150 kg
Included	3 x antistatic bin (5 L)
Optional	Seed transfer pipes
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-8107 Semi-Automatic Seed Coating Machine ›](#)
[SD-10040 Hot Water Disinfection Unit ›](#)
[SD-14010 Seed Counting Machine ›](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 7,250

MODEL SD-6210

Seed Air Screen Selector

Three-screen air-screen cleaning for fine seed with minimal losses.

150 kg/h

Capacity

3

Screens included

1-12 mm

Optional sieves



Overview

Purpose-built for the fine seed industry, the SD-6210 minimises losses and contamination risk. This air-screen cleaner serves seed production lots, breeding plots, laboratories and commercial fine seed multiplication (e.g. vegetable and flower seed). Compatibility with a wide range of screens makes it suitable for almost any crop.

Key Features

- Continuously adjustable feeding for even distribution
- Three-stage screening with skid plates
- Overflow of each screen exits at its own outlet
- Undersize particles removed on the third screen
- Post-aspiration: heaviest, most vigorous seed collected
- Lightest seeds and debris removed by suction
- Optional dust extraction hood

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

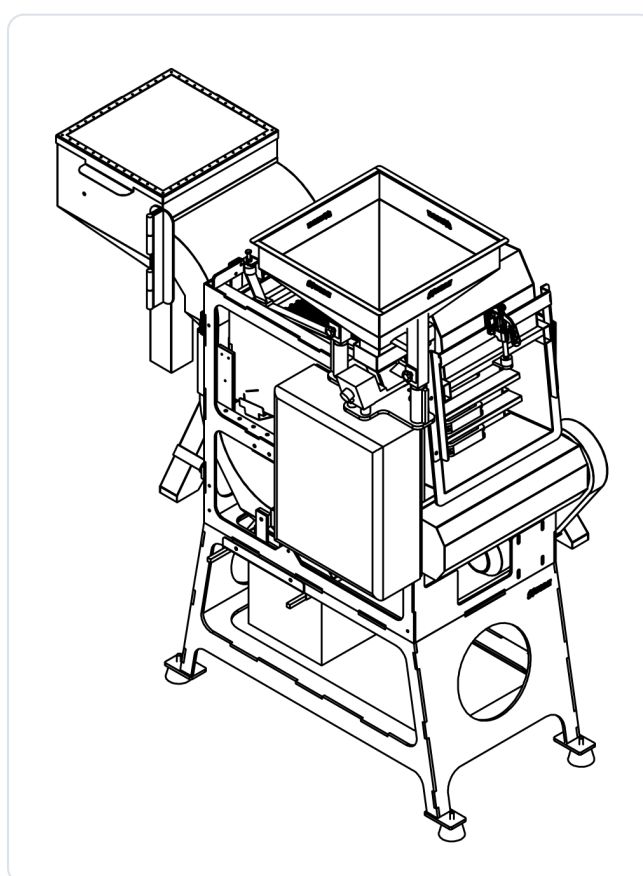
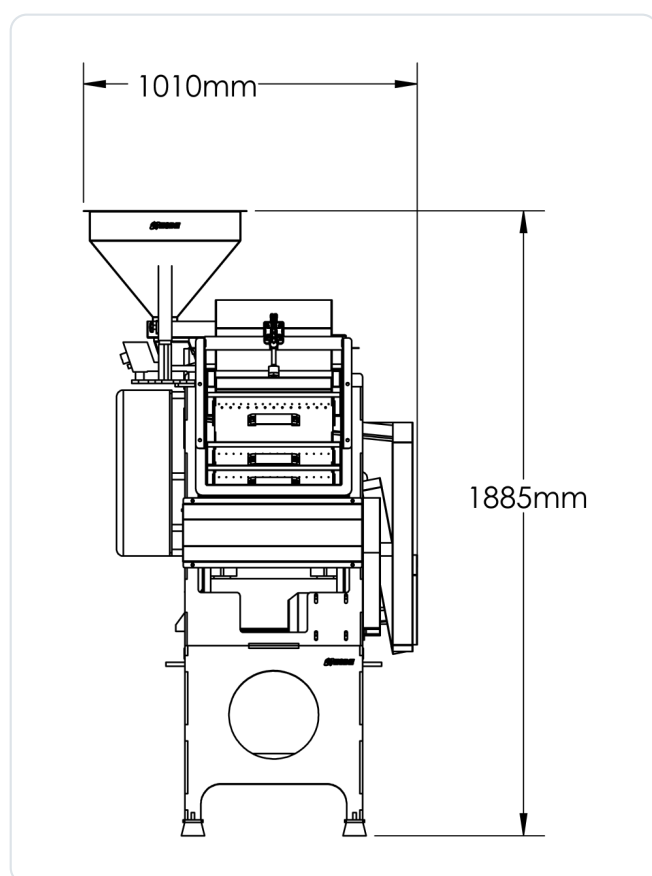
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AI Sales Agent on our website

Technical Specifications | SD-6210

Parameter	Specification
Capacity	150 kg per hour
Dimensions (L x W x H)	1615 x 1010 x 1885 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1.5 kW / 16 A
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic painted sheet and profile, aluminium
Weight net / packed	approx. 100 / 130 kg
Included	3 x sieves
Optional	Sieves from 1 mm to 12 mm; dust extraction hood
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-8107 Semi-Automatic Seed Coating Machine ›](#)
[SD-10040 Hot Water Disinfection Unit ›](#)
[SD-14010 Seed Counting Machine ›](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 18,000

MODEL SD-6310

Seed Air Screen Cleaner

High-capacity air-screen cleaning and sorting for commercial seed.

300 kg/h

Capacity

3-4

Screen levels

1-12 mm

Optional sieves



Overview

Designed for the seed sector, the SD-6310 prioritises quality while minimising losses and contamination risk. It processes commercial seed multiplications, production lots and commercial plots, including vegetable and flower seeds, and adapts to virtually any crop thanks to its extensive screen selection.

Key Features

- Adapts to a wide range of crops
- Rubber ball cleaning in removable aluminium frames
- Oscillation speed adjustable via frequency inverter
- Variable fan speed for stable, reproducible output
- Three screen levels, four-level option available
- Central clamp-locking for fast screen changes
- Counter-balanced screen compartment for low vibration

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

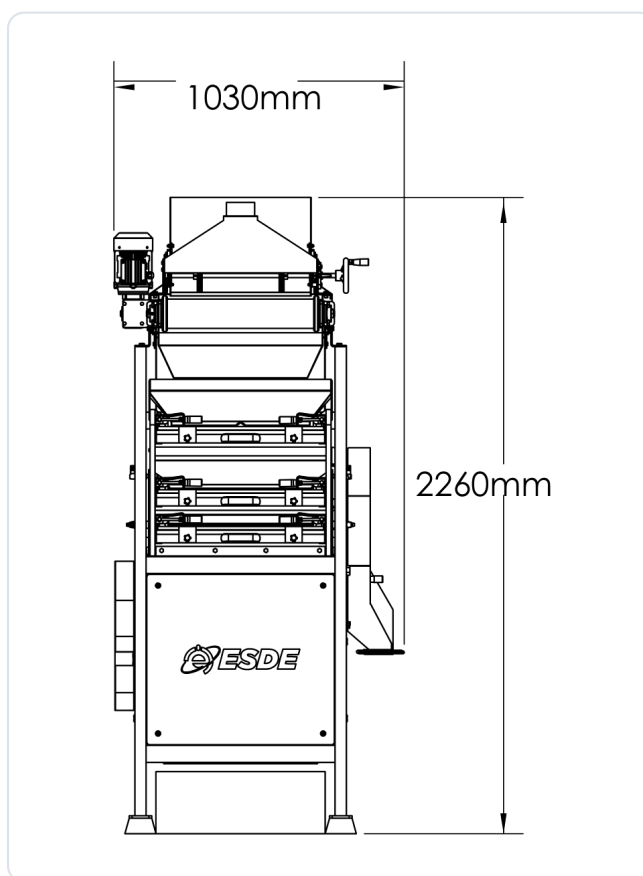
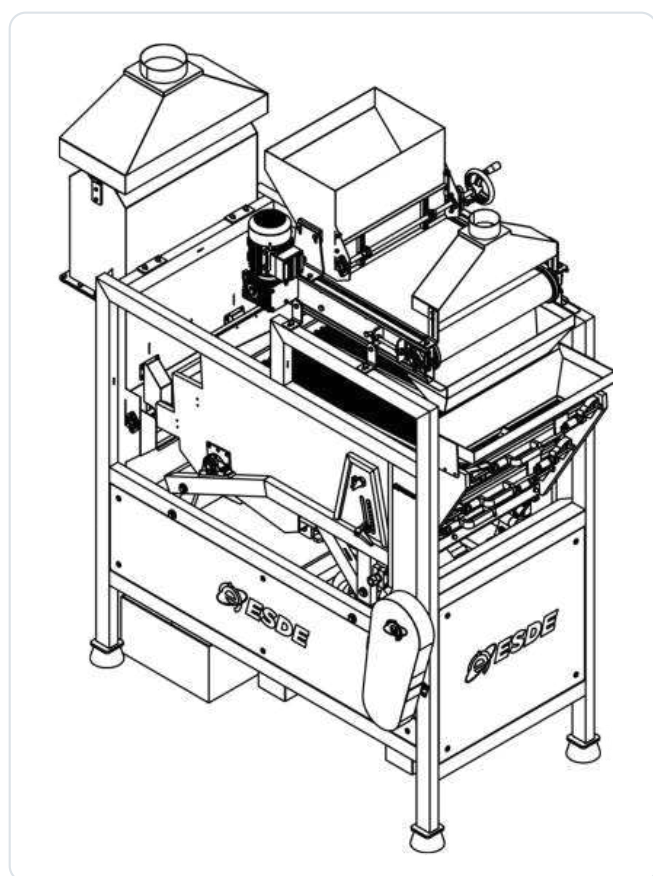
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AI Sales Agent on our website

Technical Specifications | SD-6310

Parameter	Specification
Capacity	300 kg per hour
Dimensions (L x W x H)	1890 x 1030 x 2260 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1.5 kW / 16 A
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic painted sheet and profile, aluminium
Weight net / packed	approx. 220 / 260 kg
Included	3 x sieves
Optional	Sieves from 1 mm to 12 mm
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-8107 Semi-Automatic Seed Coating Machine ›](#)
[SD-10040 Hot Water Disinfection Unit ›](#)
[SD-14010 Seed Counting Machine ›](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 21,750

MODEL SD-6410

Seed Gravity Separator

Industrial-standard gravity separation for laboratory and sample rooms.

5-50 kg/h

Capacity

2

Sieves included

1.5 kW

Max. power



Overview

Part of the ESDE lab-scale range, the gravity separator meets industrial standards while being perfectly suited to small-batch cleaning in laboratories and sample rooms. It handles vegetable seeds, flower seeds and more, enabling efficient, precise cleaning and separation tailored to specific needs.

Key Features

- Robust steel body
- Deck covering selected per product
- Aluminium collecting bins
- Grading deck in top-quality laminated wood
- Ergonomic worktable with hard-plastic laminate
- Quick clean-up between products

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

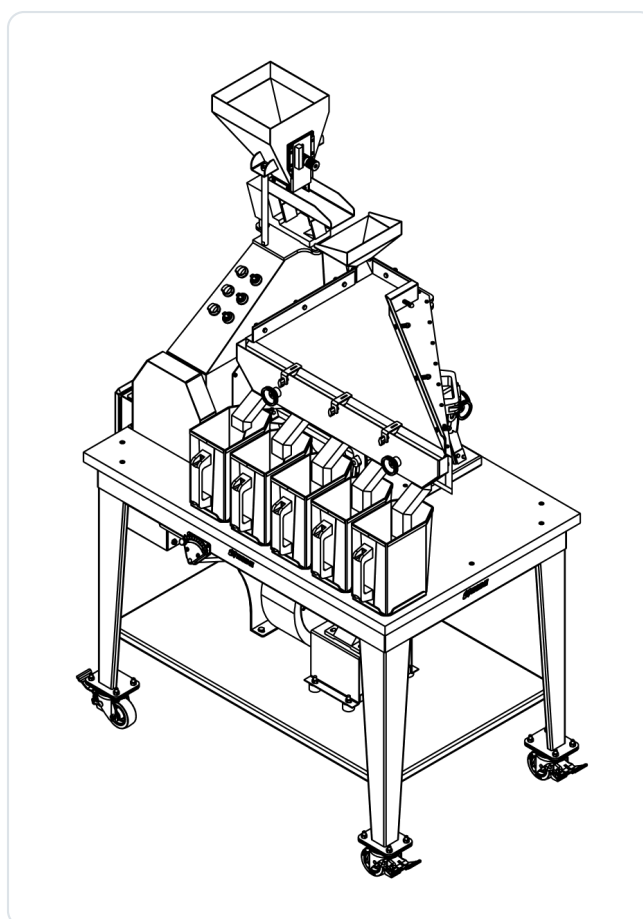
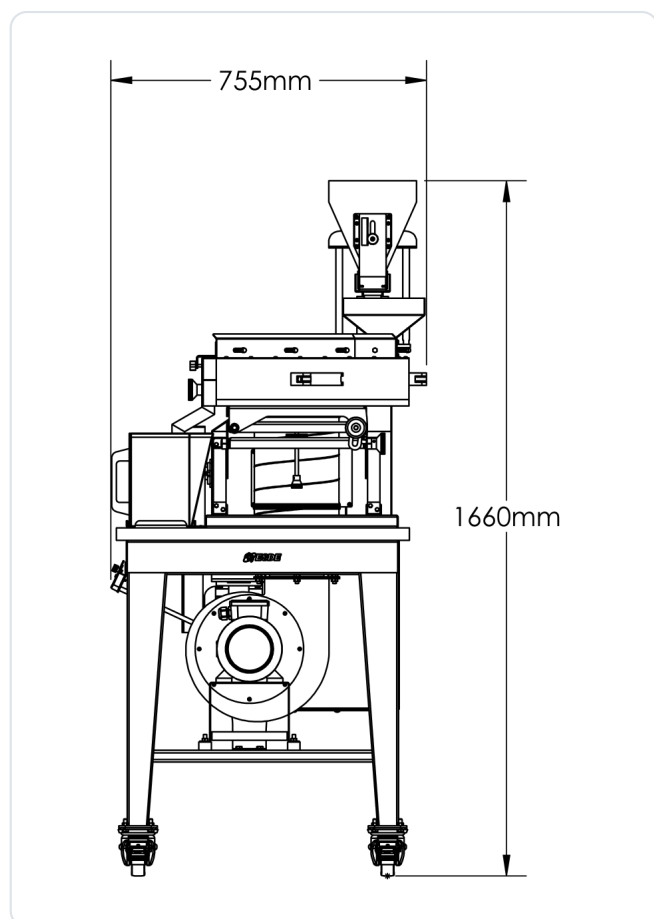
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AI Sales Agent on our website

Technical Specifications | SD-6410

Parameter	Specification
Capacity	5 - 50 kg per hour
Dimensions (L x W x H)	1260 x 755 x 1660 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1.5 kW / 16 A
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic painted sheet and profile, aluminium
Weight net / packed	approx. 220 / 260 kg
Included	2 x sieves
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-8107 Semi-Automatic Seed Coating Machine >](#)
[SD-10040 Hot Water Disinfection Unit >](#)
[SD-14010 Seed Counting Machine >](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 10,750

MODEL SD-7010

Seed Brushing Machine

Polishing and threshing of small batches of vegetable and field crop seed.


0.1-50 kg/h

Capacity*

3 kW

Max. power

2

Collecting bins

Overview

The SD-7010 polishes or threshes small batches of vegetable and field (row) crop seeds. Both breeding facilities and industrial processing plants benefit from its precise, efficient cleaning of small quantities.

Key Features

- Threshing of discrete plant materials
- Suitable for continuous processes
- Detects double seeds
- Polishes quinoa
- Easy to operate, compact and low maintenance
- Removes husks and impurities from tomato and carrot seed
- Removes husks, cuticles, soil and dust

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

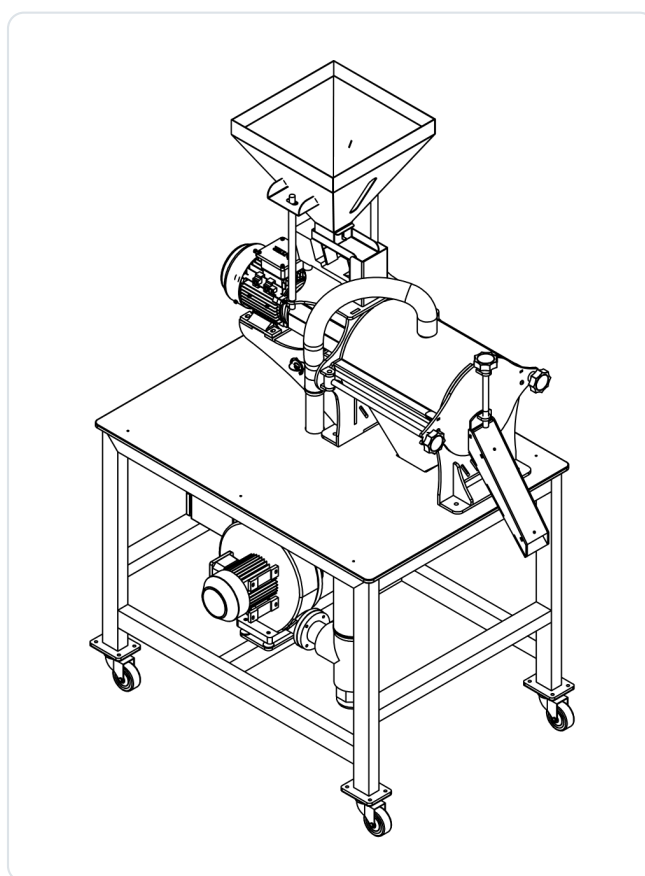
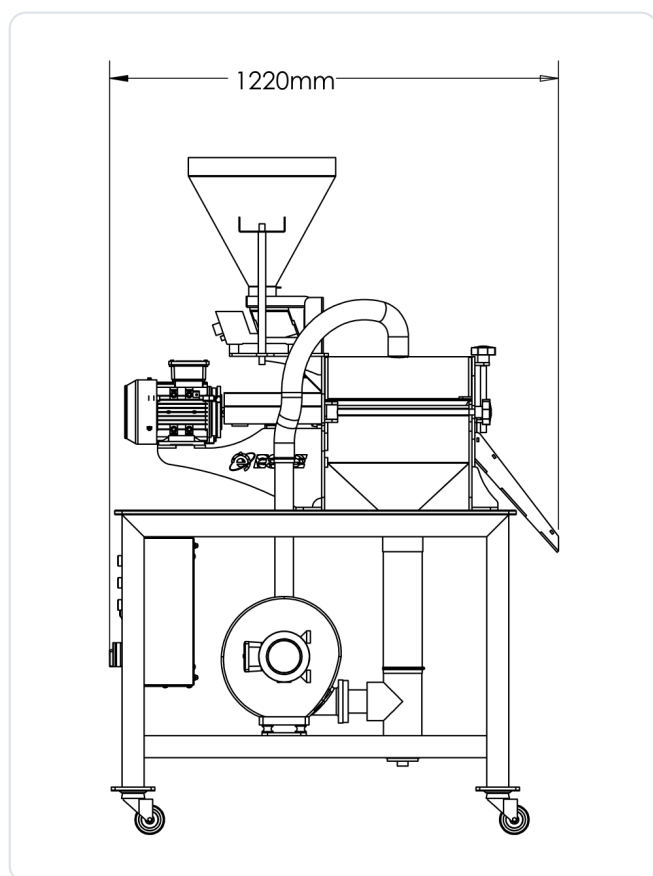
24/7

AI Sales Agent on our website

Technical Specifications | SD-7010

Parameter	Specification
Capacity	approx. 100 g - 50 kg per hour (*indicative, depending on crop and settings)
Dimensions (L x W x H)	1260 x 755 x 1660 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	3 kW / 25 A
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic painted sheet and profile, aluminium
Weight net / packed	approx. 100 / 130 kg
Included	Spare brushes, 2 collecting bins
Optional	Spare brushes, dust collector
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-8107 Semi-Automatic Seed Coating Machine ›](#)
[SD-10040 Hot Water Disinfection Unit ›](#)
[SD-14010 Seed Counting Machine ›](#)
[› Visit \[www.esdemakine.com\]\(http://www.esdemakine.com\)](#)
[› WhatsApp +90 545 844 4550](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

€ 7,500

COLLECTION 05

Coating & Pelleting

Rotary film coating and pelleting - from lab batches to fully automatic production.

4 PRODUCT FAMILIES IN THIS COLLECTION



SD-8005

Lab Seed Coating Machine

Small-scale film coating for breeding and pre-trials.

[Page 51 >](#)



SD-8107

Semi-Automatic Seed Coating Machine

Industrial-grade rotary coating for 1 - 10 kg batches at a smart price.

[Page 53 >](#)



SD-8110

Full Automatic Coating Machine

Every coating step automated - batch after batch, without intervention.

[Page 55 >](#)



SD-9010 | SD-9110

Full Automatic Pelleting Machine

Turns small, irregular seed into round pellets for precision planting.

[Page 57 >](#)

MODEL SD-8005

Lab Seed Coating Machine

Small-scale film coating for breeding and pre-trials.



≤ 1000 ml

Seed per batch

355 mm

Coater diameter

0.75 kW

Max. power

Overview

The SD-8005 film-coats seeds on a small scale - the ideal solution for breeding studies and preliminary trials before coating large quantities. Designed for seed quantities below 1000 ml, all steps including seed loading, coating liquid feeding and unloading are performed manually. Rotary technology delivers rapid, consistent application and optimal distribution of plant protection products.

Key Features

- Designed for batches below 1000 ml
- Fast, easy maintenance and cleaning
- Optimal distribution of plant protection products
- Ideal for breeding studies and pre-trials
- Rotary coater for consistent treatment
- Manual loading, dosing and unloading

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

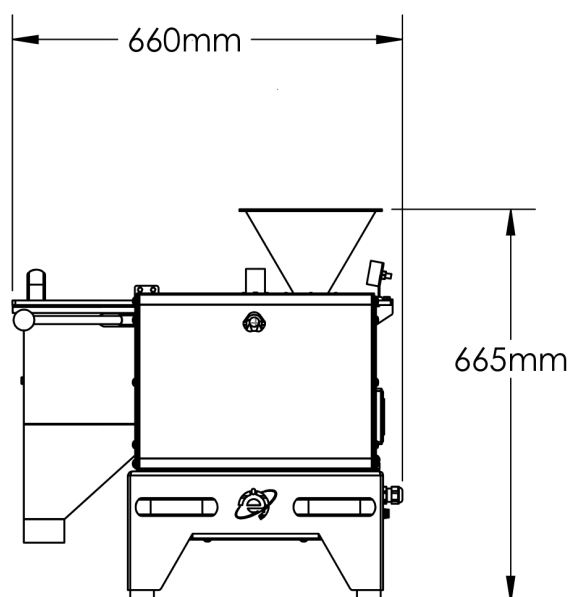
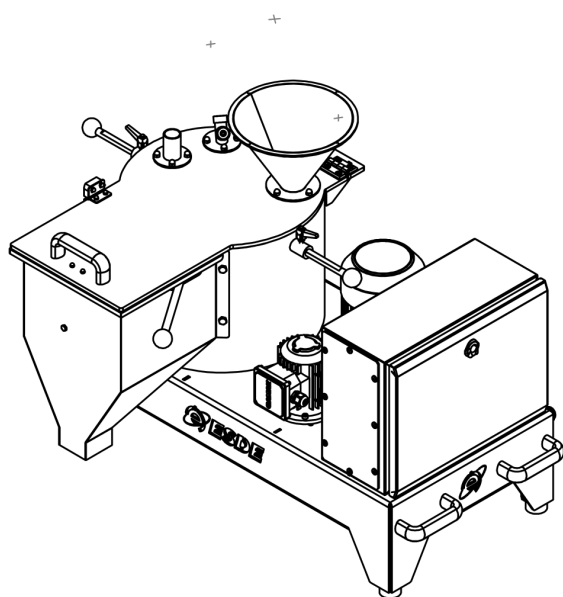
24/7

AI Sales Agent on our website

Technical Specifications | SD-8005

Parameter	Specification
Capacity	1000 ml or less
Dimensions (L x W x H)	1065 x 660 x 665 mm; coater diameter 355 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	0.75 kW / 10 A
Noise emission	approx. 75 dB(A), without product
Materials	Electrostatic paint on steel
Weight net / packed	approx. 60 / 80 kg
Optional	Liquid dosing unit
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer >](#)
[SD-5016 D16 Conditioned Seed Dryer >](#)
[SD-14010 Seed Counting Machine >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

[Visit www.esdemakine.com](#)
[WhatsApp +90 545 844 4550](#)
€ 5,375

MODEL SD-8107

Semi-Automatic Seed Coating Machine

Industrial-grade rotary coating for 1 - 10 kg batches at a smart price.

600 mm

Tambour

1-10 kg

Per batch

3 kW

Max. power



Overview

The SD-8107 offers the convenience of semi-automatic batch coating. It comes with a 600 mm tambour and an electrical panel with semi-automatic control. This design saves cost by eliminating the automatic scale, while the mixing drum and dosing lines operate semi-automatically for the automatic coating of individual batches. A high-speed distribution disc and rotor ensure optimal dispersion of pesticides and other plant protection products onto every seed.

Key Features

- Rotary tambour with counter-rotating distribution disc
- Air sealing below the rotor
- Adjustable rotor speed
- Semi-automatic batch control
- Rubber (latex) lined rotor for better grip
- Wear-resistant PE-coated steel interior
- Adjustable scraper blades and pipe-type paddles
- Mobile frame on lockable castors

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

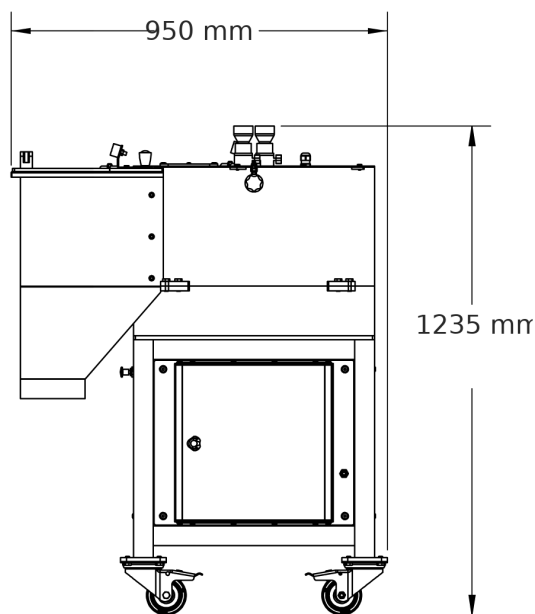
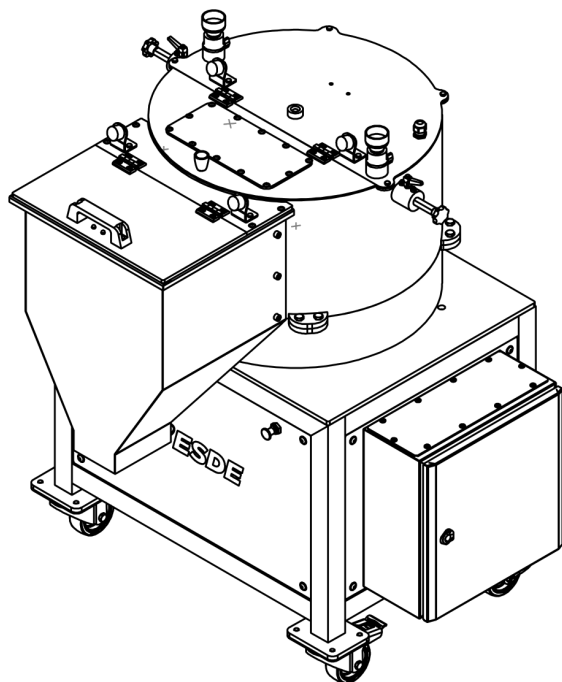
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AI Sales Agent on our website

Technical Specifications | SD-8107

Parameter	Specification
Capacity	approx. 1 - 10 kg per batch
Dimensions (L x W x H)	1040 x 950 x 1235 mm; tambour 600 mm, coater diameter 575 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	3 kW / 16 A
Noise emission	approx. 75 dB(A), without product
Materials	Electrostatic paint on steel
Weight net / packed	approx. 260 / 300 kg
Optional	Liquid dosing unit; inner body wall in Teflon (PTFE); control arm with touchscreen and software
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer >](#)
[SD-5016 D16 Conditioned Seed Dryer >](#)
[SD-14010 Seed Counting Machine >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

> Visit www.esdemakine.com

> WhatsApp +90 545 844 4550

€ 12,750

MODEL SD-8110

Full Automatic Coating Machine

Every coating step automated - batch after batch, without intervention.

1-10 kg

Per batch

575 mm

Coater diameter

3 kW

Max. power



Overview

The SD-8110 automates every step of seed coating: filling the mixing chamber, precise pesticide dosing, mixing and complete discharge of coated seed. Once a batch is finished, it moves to the next without manual intervention. Purpose-built for automatic, simultaneous coating and drying of vegetable and field crop seeds in commercial processing plants.

Key Features

- Automatic seed coating for production and growing stations
- Precise measuring of coating liquid
- Repeats the cycle for any number of batches
- Extracts the required seed quantity from the silo
- Autonomous discharge of fully coated seed
- Integrated drying concept

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

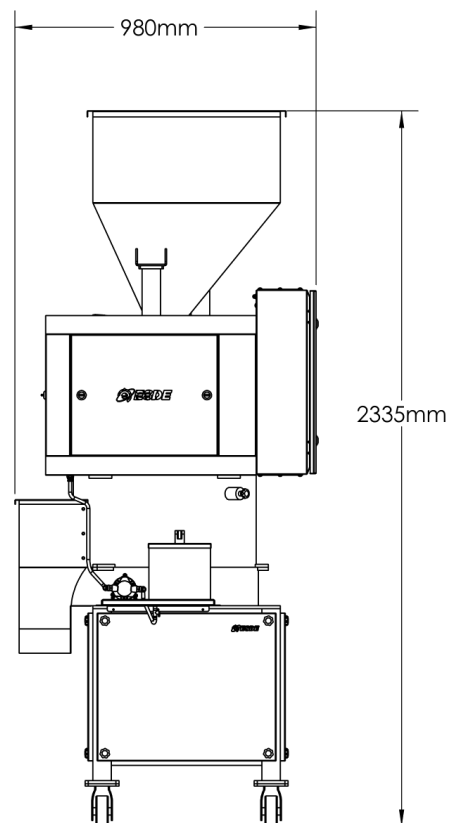
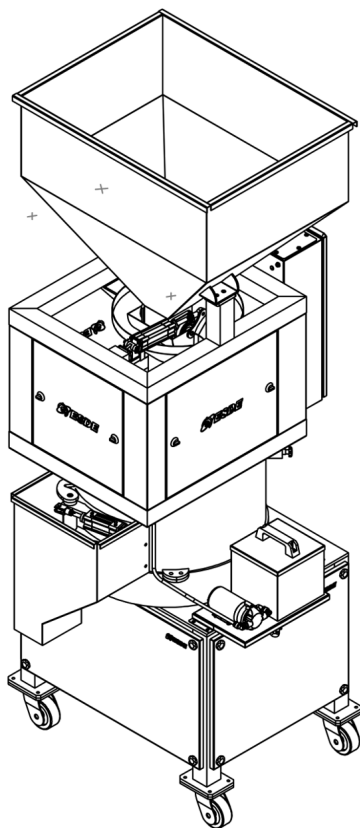
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Technical Specifications | SD-8110

Parameter	Specification
Capacity	approx. 1 - 10 kg per batch
Dimensions (L x W x H)	980 x 975 x 2335 mm; coater diameter 575 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	3 kW / 16 A
Noise emission	approx. 75 dB(A), without product
Materials	Electrostatic paint on steel
Weight net / packed	approx. 320 / 350 kg
Optional	Liquid dosing unit
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer >](#)
[SD-5016 D16 Conditioned Seed Dryer >](#)
[SD-14010 Seed Counting Machine >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

> Visit www.esdemakine.com

> WhatsApp +90 545 844 4550

€ 26,000

MODEL SD-9010 | SD-9110

Full Automatic Pelleting Machine

Turns small, irregular seed into round pellets for precision planting.

10-15 kg

Per batch

0.5-1.5 M

Pellets per batch

Touch

Screen control



Overview

In pelleting, a substantial quantity of powder is added during coating, changing the shape and size of raw seed into round pills or pellets - also called weighting. Depending on binder and powder, a cycle takes 5 - 10 minutes or more. Pelleting prepares small seed for use in automatic planters in the field. The SD-9110 offers a larger capacity.

Key Features

- Up to 10 - 15 kg shelled seed per batch
- High-precision dosing of dressing
- Formulation management and remote diagnostics
- Electronic seed scale for calibrated capacity
- Intuitive touch screen with network integration
- Modular, expandable structure with easy maintenance access

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

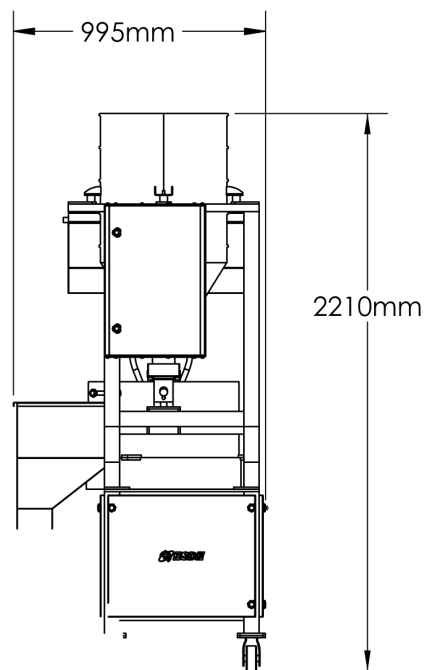
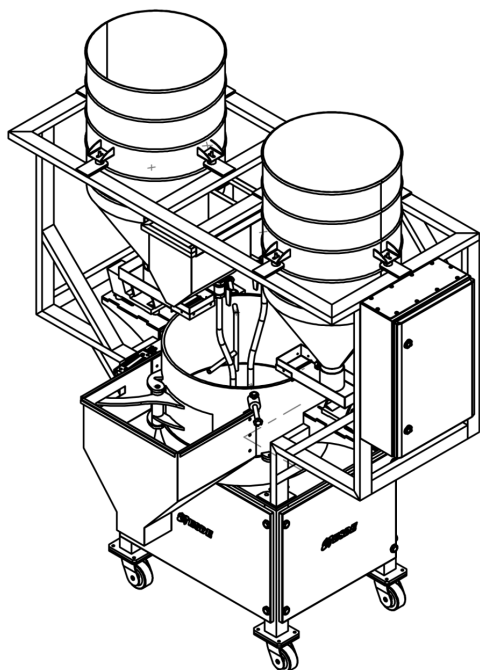
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AI Sales Agent on our website

Technical Specifications | SD-9010 | SD-9110

Parameter	Specification
Capacity	Max. 10 - 15 kg encrusted seed (depending on density)
Pellet options	3.0 - 3.5 mm: approx. 0.5 - 0.7 million pellets/batch; 2.0 - 2.5 mm: approx. 1.0 - 1.5 million pellets/batch
Dimensions (L x W x H)	1850 x 995 x 2210 mm; coater diameter 600 mm
Electrical connection	220 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	4 kW / 16 A
Water connection	20 mm
Noise emission	approx. 75 dB(A), without product
Materials	Electrostatic paint on steel
Weight net / packed	approx. 440 / 490 kg
Included	Liquid dosing unit, powder dosing unit
Optional	Dryer; SD-9110 for larger capacity
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-5020 Seed Double & Quattro Dryer ›](#)
[SD-5016 D16 Conditioned Seed Dryer ›](#)
[SD-14010 Seed Counting Machine ›](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

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SD-9010 € 28,000

SD-9110 € 50,000

COLLECTION 06

Disinfection

Chemical, hot-air and hot-water disinfection against bacterial infections and seed-borne diseases.

4 PRODUCT FAMILIES IN THIS COLLECTION



SD-10010

Disinfection Unit

Chemical-resistant liquid disinfection in two splash-free compartments.

Page 60 ›



SD-10030

Max Disinfection Unit

Three 74 L drums with air-bubble mixing for large disinfection lots.

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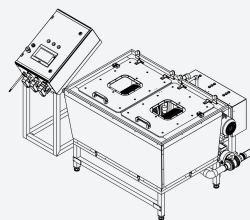


SD-10116

D16 Hot Air Disinfection

Programmable hot-air sterilisation in two controllable units.

Page 64 ›



SD-10040

Hot Water Disinfection Unit

Precise hot-water treatment with ± 0.5 °C temperature stability.

Page 66 ›

MODEL SD-10010

Disinfection Unit

Chemical-resistant liquid disinfection in two splash-free compartments.


2 x 41 L

Baskets

2.2 kW

Max. power

SS 304

and plastics

Overview

Treat seeds with various liquid solutions to protect them from bacterial infections and seed-borne diseases. Built predominantly from synthetic materials, the unit resists a wide range of chemicals for a long service life. Two separate compartments, each with its own lid, prevent splashing during operation. For higher capacity see the SD-10030 with three baskets.

Key Features

- Spring-assisted cover for easy operation
- 2 drums of 41 L each
- High chemical resistance
- Consistent, reproducible, uniform results
- Seed drums move to the next step without direct seed contact
- Separate control stand

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

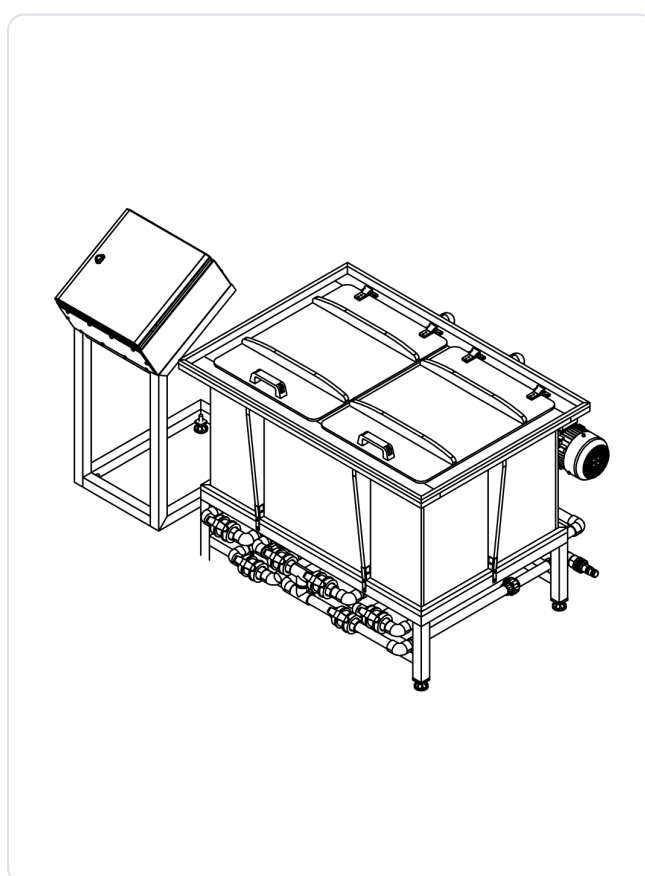
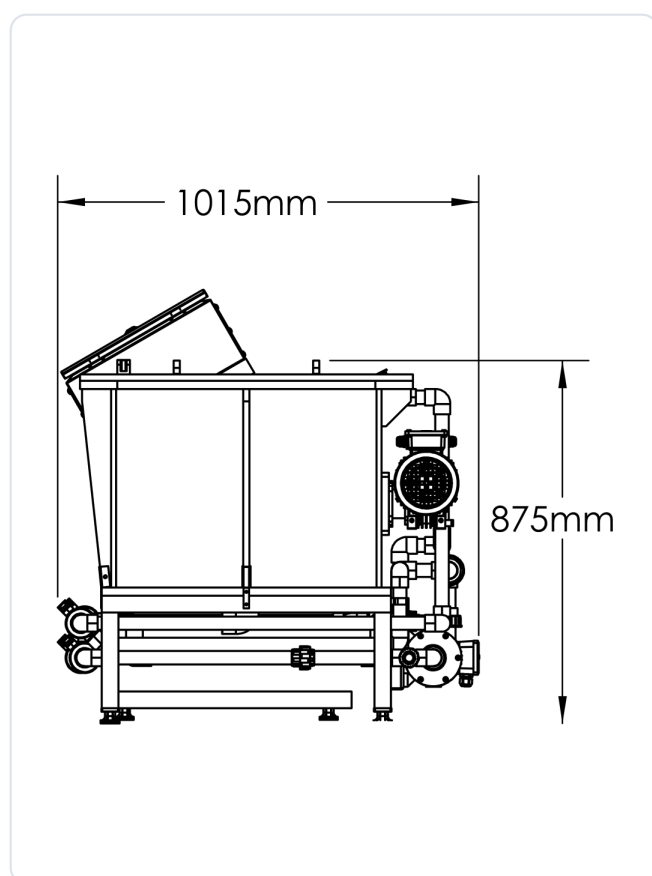
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Technical Specifications | SD-10010

Parameter	Specification
Capacity	2 baskets of 41 L each
Dimensions (L x W x H)	1190 x 1015 x 875 mm
Electrical connection	220 - 240 V, 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	2.2 kW / 16 A
Connections	Water 22 mm; drain 50 mm
Noise emission	approx. 65 dB(A), without product
Materials	Stainless steel 304 and plastics
Weight net / packed	approx. 330 / 380 kg
Included	2 x basket
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-4510 Seed Centrifuge >](#)
[SD-5020 Seed Double & Quattro Dryer >](#)
[SD-5016 D16 Conditioned Seed Dryer >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

> Visit www.esdemakine.com

> WhatsApp +90 545 844 4550

€ 9,500

MODEL SD-10030

Max Disinfection Unit

Three 74 L drums with air-bubble mixing for large disinfection lots.

**3 x 74 L**

Baskets

Air

Bubble mixing

0.75 kW

Max. power

Overview

The SD-10030 applies liquid solutions to seeds to protect them against bacterial infections and seed-borne diseases. Built mainly from synthetic materials, it withstands a broad range of chemicals. Three compartments with individual lids prevent splashes, and an air supply introduces bubbles into the basket drums for better mixing and more homogeneous dispersion of seed in the disinfectant. For lower capacity see the SD-10010.

Key Features

- Spring-assisted cover for easy operation
- 3 drums of 74 L each
- Seed drums move to the next step without direct seed contact
- Consistent, reproducible, uniform results
- Air bubbles for better mixing
- Touch-screen control stand

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

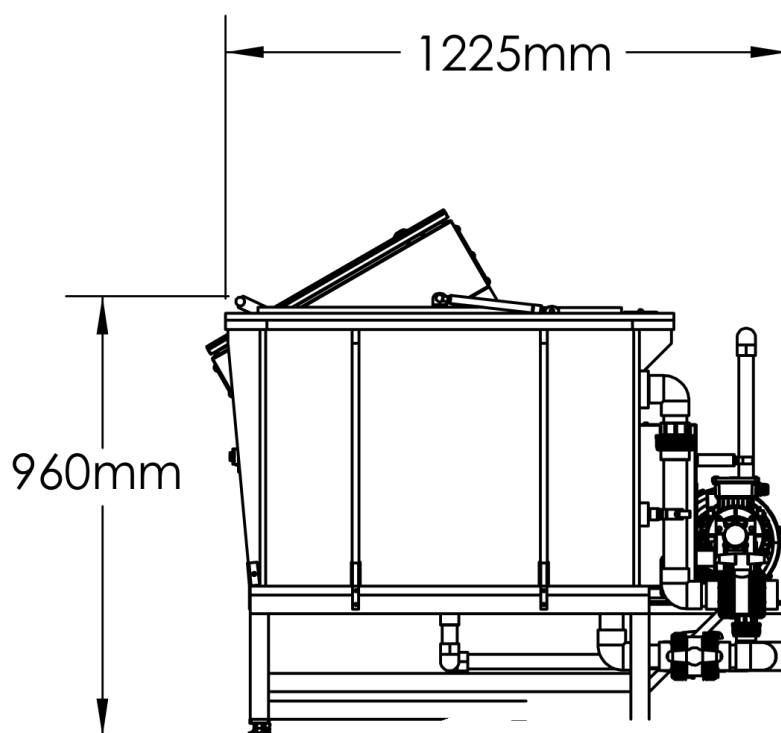
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Technical Specifications | SD-10030

Parameter	Specification
Capacity	3 baskets of 74 L each
Dimensions (L x W x H)	1645 x 1225 x 960 mm
Electrical connection	320 - 400 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	0.75 kW / 10 A
Connections	Water 35 mm; drain 50 mm
Noise emission	approx. 55 dB(A), without product
Materials	Stainless steel 304 and plastics
Weight net / packed	approx. 330 / 378 kg
Included	3 x basket, blowers
Optional	Heating system
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-4510 Seed Centrifuge >](#)
[SD-5020 Seed Double & Quattro Dryer >](#)
[SD-5016 D16 Conditioned Seed Dryer >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

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€ 20,250

MODEL SD-10116

D16 Hot Air Disinfection

Programmable hot-air sterilisation in two controllable units.

16 x 41 L

Baskets

2

Controllable units

13 kW

Max. power



Overview

Disinfecting seeds eliminates bacterial infections and protects seed during storage and early growth, and can improve germination rates and root development. The SD-10116 sterilises seeds according to pre-programmed time and temperature settings through a user-friendly interface. Each flap can be linked to a separate exhaust system for proper ventilation. Also available with 1, 2 or 4 baskets (SD-10110, SD-10120, SD-10140).

Key Features

- Pre-programmed time and temperature cycles
- Two separately controllable units
- Stainless steel 304 Cr-Ni construction
- User-friendly automation interface
- Exhaust connection per flap
- Also available with 1, 2 or 4 baskets

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

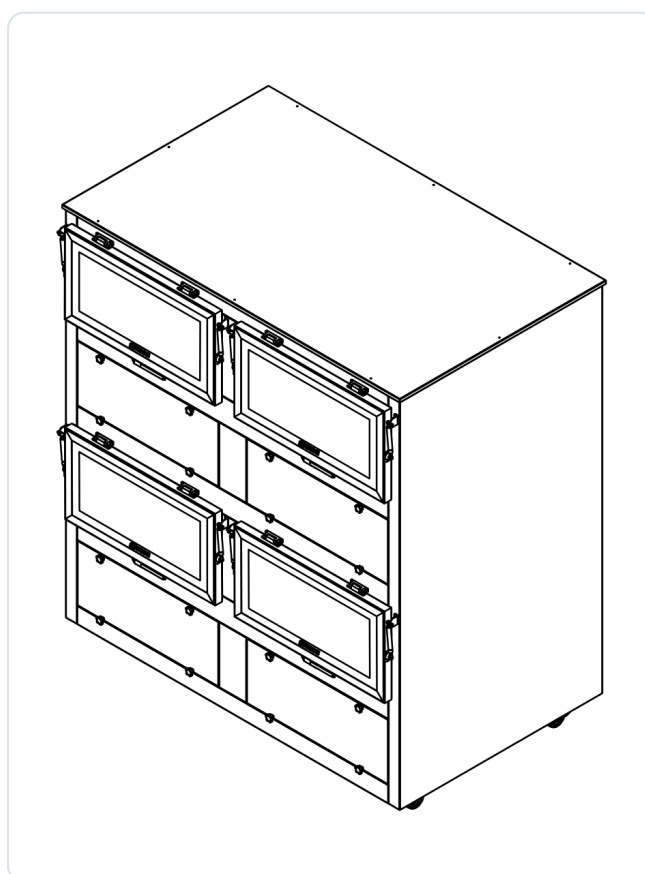
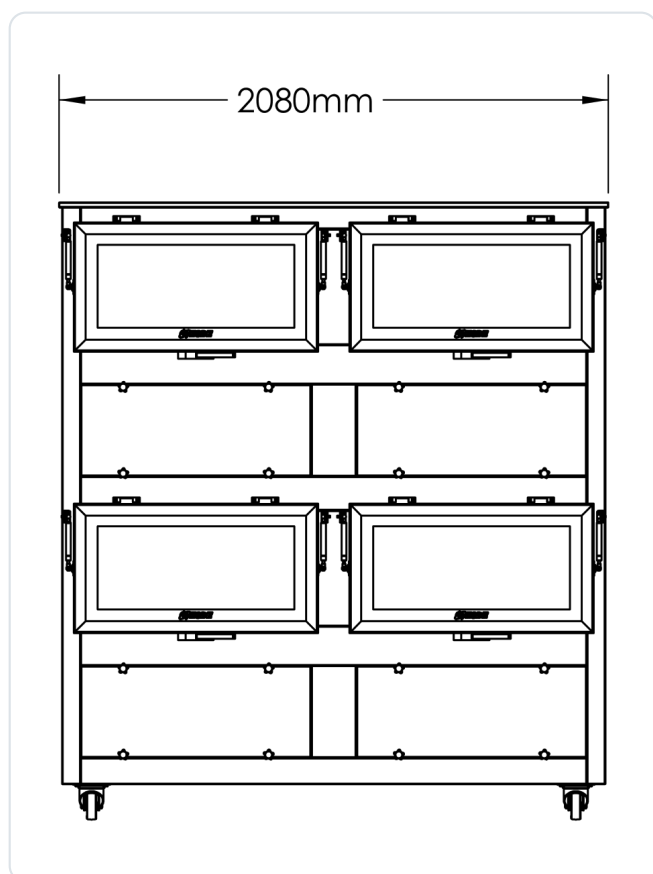
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Technical Specifications | SD-10116

Parameter	Specification
Capacity	16 baskets of 41 L each
Dimensions (L x W x H)	2080 x 1330 x 2340 mm
Electrical connection	380 - 400 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	13 kW / 32 A (slow blow)
Noise emission	approx. 75 dB(A), without product
Materials	Stainless steel 304 Cr-Ni
Weight net / packed	approx. 800 / 920 kg
Included	16 x basket
Optional	Ozone, UV
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-4510 Seed Centrifuge ›](#)
[SD-5020 Seed Double & Quattro Dryer ›](#)
[SD-5016 D16 Conditioned Seed Dryer ›](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

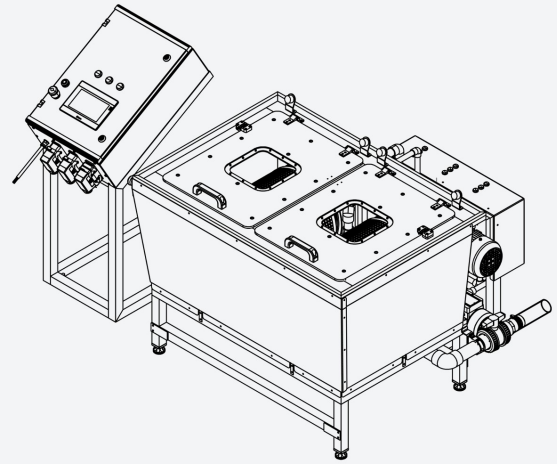
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€ 51,250

MODEL SD-10040

NEW

Hot Water Disinfection Unit

Precise hot-water treatment with ± 0.5 °C temperature stability.

 **± 0.5 °C**

Accuracy

15-60 °C

Operating range

7" HMI

PLC control

Overview

The SD-10040 is engineered for precise seed treatment through controlled hot-water processes. It provides effective disinfection against bacterial infections and seed-borne diseases while maintaining seed viability through precise temperature and timing control. A temperature stabiliser, maintained by continuous water circulation with a circulation pump, keeps the bath within ± 0.5 °C.

Key Features

- 7-inch HMI touch screen for operation and monitoring
- Temperature control up to 60 °C, ± 0.5 °C accuracy
- Automatic water level control with sensors
- Real-time temperature graphing
- Stainless steel 304 construction
- PLC control with automated process management
- Dual basket system for continuous processing
- Cold, hot and mixed water operating modes
- Emergency stops and alarm management
- Basket rotation for uniform treatment

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

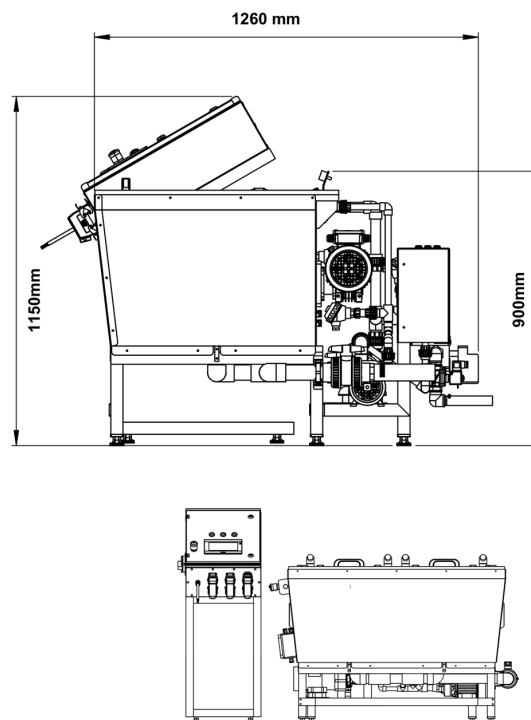
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AI Sales Agent on our website

Technical Specifications | SD-10040

Parameter	Specification
Capacity	2 baskets of 41 L each (varies by seed type and treatment)
Dimensions (L x W x H)	1150 x 1260 x 900 mm
Electrical connection	380 - 415 V ($\pm 5\%$), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	> 32 kW / 40 A circuit breaker; professional installation mandatory
Temperature range	15 - 60 °C, ± 0.5 °C, rapid heating with circulation
Connections	Water 22 mm; drain 50 mm
Noise emission	approx. 65 dB(A), without product
Materials	SS 304 frame; SS baskets with locks; corrosion-resistant water-contact parts
Weight net / packed	approx. 380 / 400 kg
Included	2 treatment baskets with covers, circulation and heating, probes, multilingual HMI, process documentation and alarms
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-4510 Seed Centrifuge >](#)
[SD-5020 Seed Double & Quattro Dryer >](#)
[SD-5016 D16 Conditioned Seed Dryer >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

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€ 24,500

COLLECTION 07

Priming

Drum and osmotic liquid priming for faster, more uniform emergence.

3 PRODUCT FAMILIES IN THIS COLLECTION

SD-11010

Drum Priming Unit

Controlled hydration in rotating drums for uniform emergence.



Page 69 ›

SD-11110

Lab Liquid Priming Unit

Osmotic priming for swift, uniform germination - lab scale.

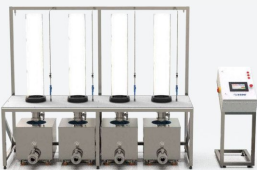


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SD-11240

Commercial Liquid Priming Unit

High-capacity osmotic priming with precise, customisable control.



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MODEL SD-11010

Drum Priming Unit

Controlled hydration in rotating drums for uniform emergence.

**5-100 L**

Drums

4 x 200 L

Max. configuration

1.5 kW

Max. power

Overview

Priming deliberately adjusts a seed's hydration level to improve uniform seedling emergence, mitigate heat-induced dormancy and prepare light-requiring crops to germinate in darkness - lettuce is a classic example. Seeds are moistened to a controlled level at which germination metabolism starts, held until the whole batch is equal, and stopped before root emergence so the seed can be dried back without damage.

Key Features

- Single-deck and double-deck installation
- Adjustable rails fit all common drum sizes
- Stainless steel - suitable for high humidity
- Drums from 5 to 100 L (up to 4 x 200 L)
- Rotation speed adjustable via speed control
- Panel on unit or in a remote cabinet; climate chamber available

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

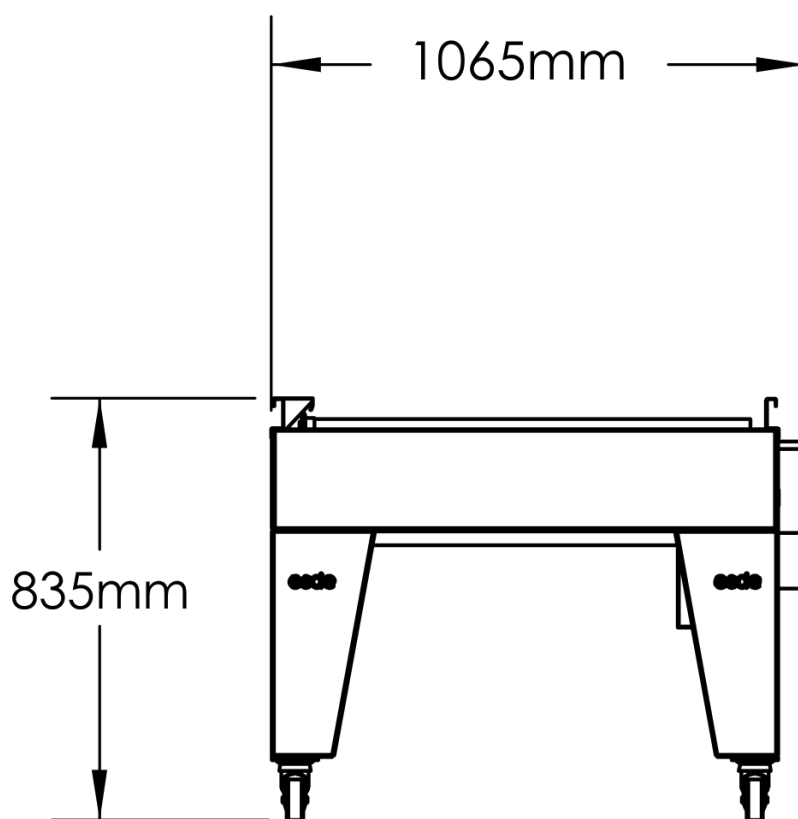
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AI Sales Agent on our website

Technical Specifications | SD-11010

Parameter	Specification
Capacity	5 - 100 L drums as selected; 4 x 200 L drums; varies with drum choice
Dimensions (L x W x H)	3000 x 1065 x 835 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1.5 kW / 10 A
Noise emission	approx. 65 dB(A), without product
Materials	Stainless steel 304 and plastics
Weight net / packed	approx. 250 / 300 kg
Optional	Drums; remote control cabinet with cable; climate chamber
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-4510 Seed Centrifuge >](#)
[SD-5110 Seed Drying Mixer >](#)
[SD-5210 UniDry ProSeed Drying System >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

> Visit www.esdemakine.com

> WhatsApp +90 545 844 4550

€ 9,500

MODEL SD-11110

Lab Liquid Priming Unit

Osmotic priming for swift, uniform germination - lab scale.

**28 L**

Per tube

1-4

Tubes

1 kW

Max. power

Overview

The lab liquid priming unit immerses seeds in an osmotic solution with low water potential for a specific time, allowing controlled water uptake while inhibiting root emergence. The technique promotes swift, uniform germination across a wide range of plant species.

Key Features

- Enhanced germination rates
- Faster initial growth in the field
- More consistent plant stand and higher yields
- Uniform seedling emergence
- Better tolerance to drought, salinity and temperature stress
- 1, 2, 3 or 4 tube configuration

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

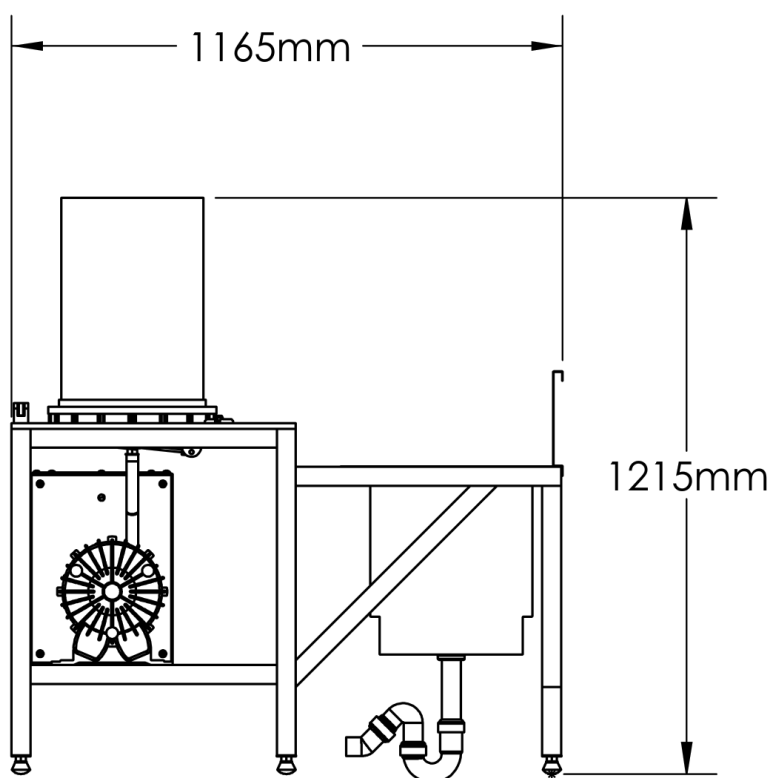
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AI Sales Agent on our website

Technical Specifications | SD-11110

Parameter	Specification
Capacity	28 L per tube; 1 - 4 tubes
Dimensions (L x W x H)	1495 x 1165 x 1215 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1 kW / 10 A
Drain connection	63 mm
Noise emission	approx. 75 dB(A), without product
Materials	Electrostatic paint; liquid-contact parts in 304 Cr-Ni stainless steel and plexi tubes
Weight net / packed	approx. 175 / 205 kg
Optional	Tulle bags
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-4510 Seed Centrifuge >](#)
[SD-5110 Seed Drying Mixer >](#)
[SD-5210 UniDry ProSeed Drying System >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

> Visit www.esdemakine.com

> WhatsApp +90 545 844 4550

€ 7,850

MODEL SD-11240

Commercial Liquid Priming Unit

High-capacity osmotic priming with precise, customisable control.



49 L

Per tube

4-8+

Tubes

2 kW

Max. power

Overview

Commercial osmotic priming units are essential tools in modern seed processing. The SD-11240 treats large seed quantities efficiently with precise control over solution concentration and duration, ensuring consistent germination and emergence across the entire crop.

Key Features

- High-capacity seed treatment
- Uniform priming for consistent emergence
- Enhanced germination and faster establishment
- Precise control of osmotic solution and duration
- Customisable parameters per variety
- Touch-screen control stand

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

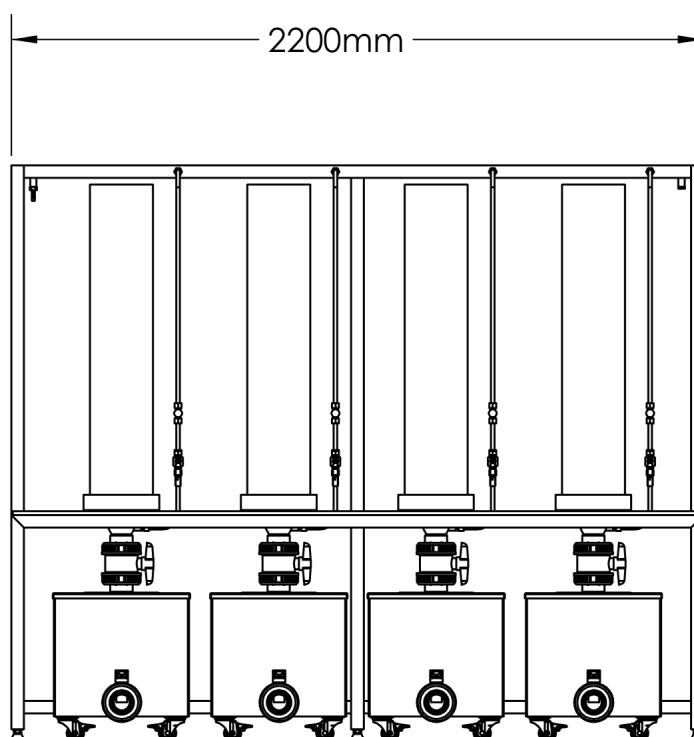
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Technical Specifications | SD-11240

Parameter	Specification
Capacity	49 L per tube; 4, 6, 8 or more tubes
Dimensions (L x W x H)	2200 x 855 x 1830 mm
Electrical connection	380 - 415 V (±5%), 3 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	2 kW / 10 A
Drain connection	90 mm
Noise emission	approx. 65 dB(A), without product
Materials	Stainless steel 304; liquid-contact parts in 304 Cr-Ni and plexi tubes
Weight net / packed	approx. 165 / 200 kg
Included	Blower
Optional	Seed drain containers
Certification	CE

Technical Drawing



NEXT IN YOUR PROCESS CHAIN

[SD-4510 Seed Centrifuge >](#)
[SD-5110 Seed Drying Mixer >](#)
[SD-5210 UniDry ProSeed Drying System >](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

> Visit www.esdemakine.com

> WhatsApp +90 545 844 4550

€ 25,250

COLLECTION 08

Counting & Packaging

Accurate seed counting, tin lid sealing and automatic envelope packing.

4 PRODUCT FAMILIES IN THIS COLLECTION



SD-14010

Seed Counting Machine

Nearly 100% counting accuracy for seeds from 1 to 18 mm.

Page 76 ›



SD-15007

Semi-Automatic Tin Lid Sealing Machine

Simple, compact tin sealing on standard 220 V power.

Page 78 ›



SD-15010

Full Automatic Tin Lid Sealing Machine

Weighing, filling and pneumatic lid closing in one automatic system.

Page 80 ›



SD-15110

Full Automatic Envelope Seed Pack Machine

Counts and packs 30 to 3000+ seeds per bag - automatically.

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MODEL SD-14010

Seed Counting Machine

Nearly 100% counting accuracy for seeds from 1 to 18 mm.

6000/min

Tomato seeds

1-18 mm

Seed size

Touch

Panel control



Overview

The SD-14010 accurately counts large quantities of seed - the perfect solution for seed producers, traders and plant breeders whose daily processes involve counting seeds of various sizes with speed and precision.

Key Features

- Nearly 100% counting accuracy
- More advantages than weight-based packaging
- Suitable for thousand-seed weight analysis
- Cost-effective maintenance and easy cleaning
- Saves time and money
- Verified counts instead of estimates
- Easy operation and user-friendly interface

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

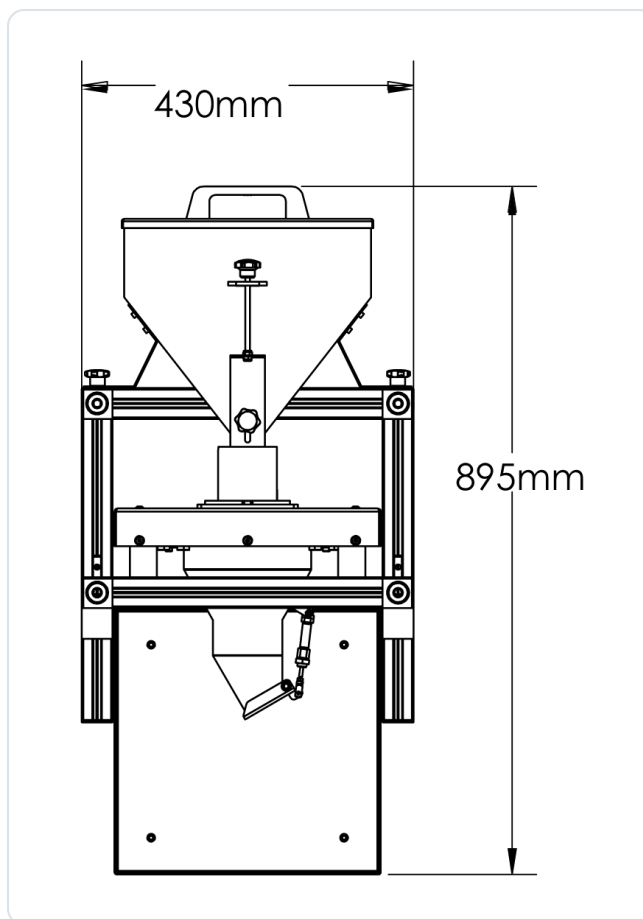
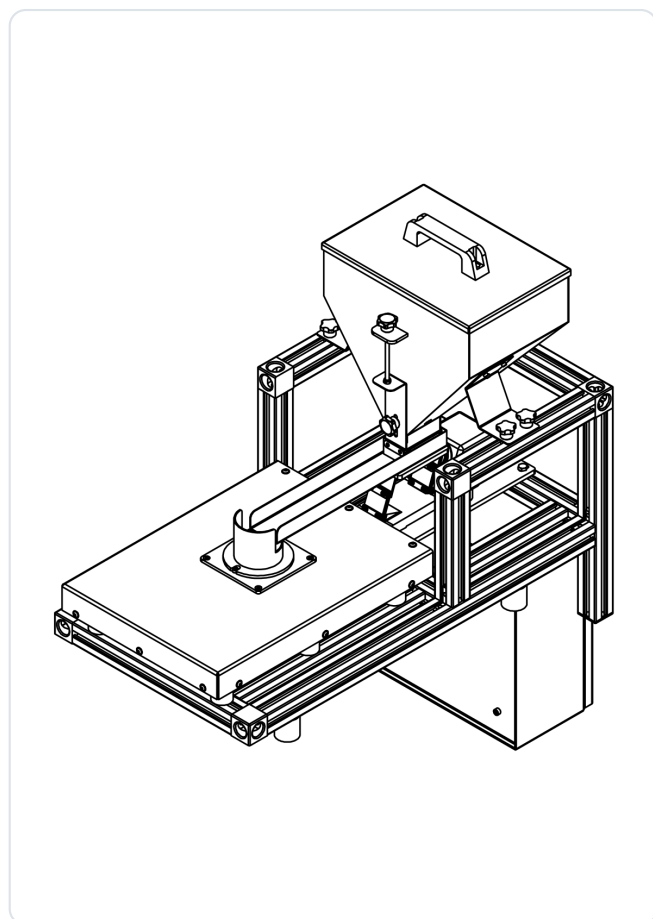
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Technical Specifications | SD-14010

Parameter	Specification
Capacity	All seeds from 1 to 18 mm; speed depends on seed (e.g. 6000 tomato seeds/min)
Dimensions (L x W x H)	845 x 430 x 895 mm
Control system	Touch panel
Electrical connection	200 - 220 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	0.22 kW / 10 A
Noise emission	approx. 75 dB(A)
Materials	304-grade Cr-Ni stainless steel and aluminium
Weight net / packed	approx. 120 / 140 kg
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-30/35 Germination & Grow Chambers Series >](#)
[SD-15110 Full Automatic Envelope Seed Pack Machine >](#)
[Visit \[www.esdemakine.com\]\(http://www.esdemakine.com\)](#)
[WhatsApp +90 545 844 4550](#)

LIST PRICE 2026 (EUR, EXCL. VAT)

€ 30,000

MODEL SD-15007

Semi-Automatic Tin Lid Sealing Machine

Simple, compact tin sealing on standard 220 V power.

10-15

Tins per minute

40-110 mm

Lid diameter

220 V

No industrial power



Overview

Designed for tin packaging lids from 40 to 110 mm in diameter, this sealing machine is easy to operate, takes up minimal space and consumes little electricity. It runs on standard 220 V, eliminating the need for an industrial power supply - a practical, cost-effective solution for many packaging operations.

Key Features

- For lid diameters from 40 to 110 mm
- Compact footprint
- Standard 220 V supply
- Easy to operate
- Low energy consumption
- PLC control

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

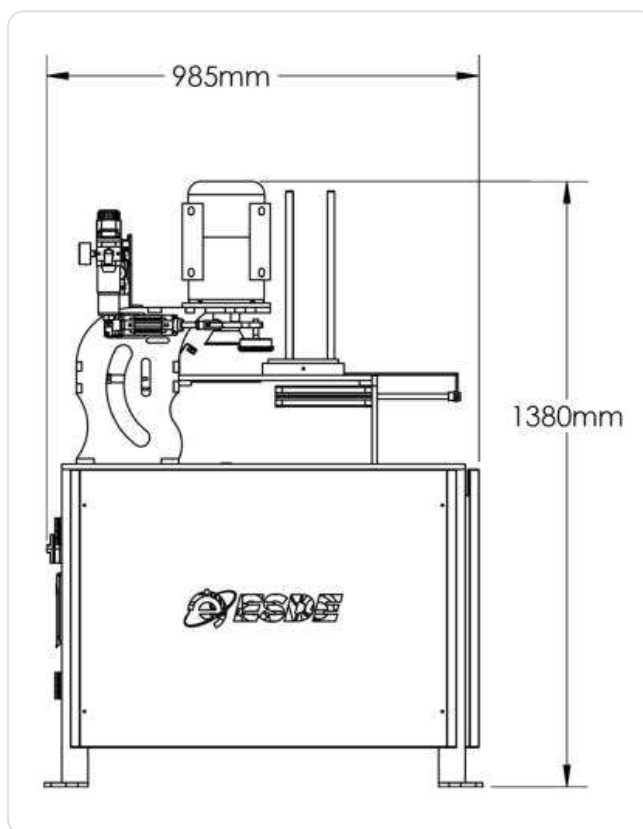
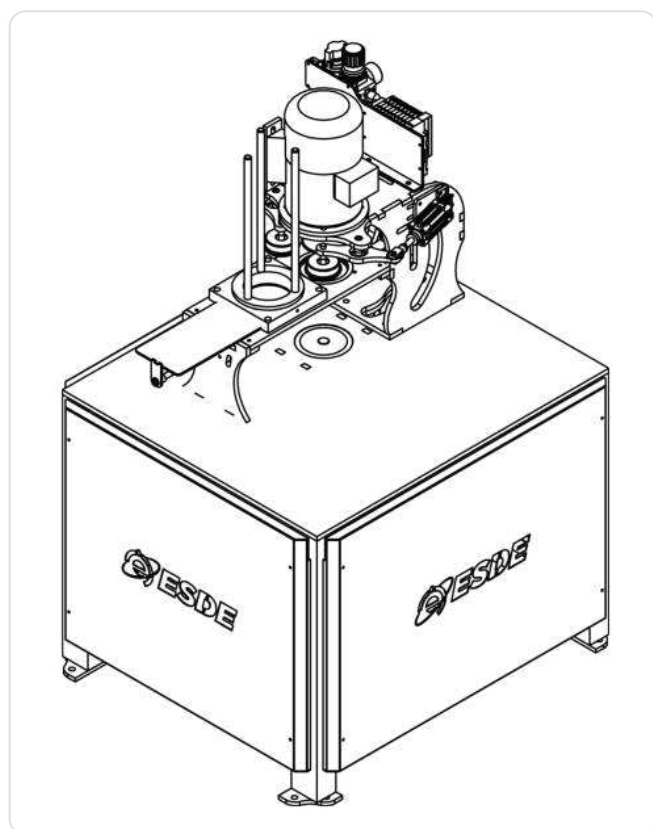
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Technical Specifications | SD-15007

Parameter	Specification
Capacity	10 - 15 tins per minute (depending on tin size)
Dimensions (L x W x H)	865 x 985 x 1380 mm
Electrical connection	200 - 240 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	1.5 kW / 10 A
Connections	Compressed air 6 bar; PLC control
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic paint
Weight net / packed	approx. 240 / 260 kg
Included	1 set of molds
Optional	Different molds
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-30/35 Germination & Grow Chambers Series >](#)
[SD-15110 Full Automatic Envelope Seed Pack Machine >](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 9,500

MODEL SD-15010

Full Automatic Tin Lid Sealing Machine

Weighing, filling and pneumatic lid closing in one automatic system.

**6-10**

Tins per minute

100 g-1 kg

Fill range

±2 g

Precision

Overview

This precision-engineered system combines filling, weighing and lid sealing. Integrated load cells deliver accurate, consistent weights, a weighing platform at the filling neck streamlines filling, and pneumatic impact technology closes lids smoothly and securely - boosting efficiency and reducing errors.

Key Features

- Electrostatic painted profiles and industrial aluminium
- Adjustable aluminium railings
- Fill adjustable from 100 g to 1 kg, 1 g graduation
- Control panel with PLC and filling indicator
- 0.37 kW gearmotor drive
- Integrated 5 kg load cells
- Pneumatic impact lid closing
- Operates at 6 - 8 bar air pressure

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

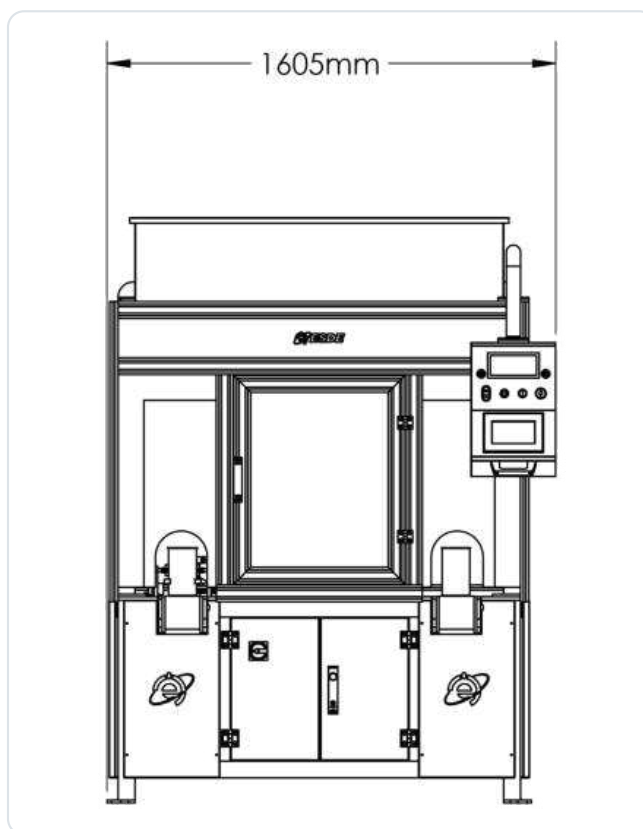
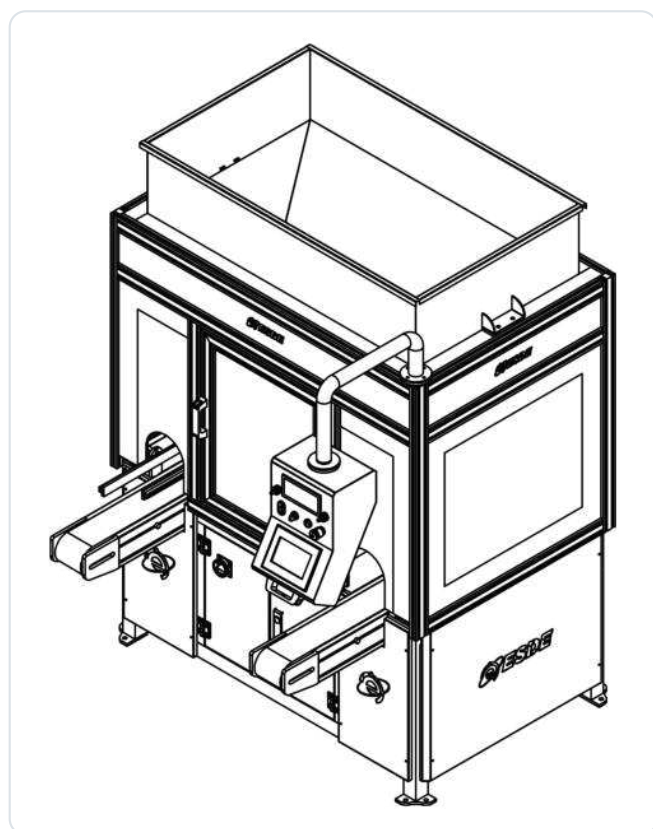
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Technical Specifications | SD-15010

Parameter	Specification
Capacity	6 - 10 tins per minute (depending on tin size)
Dimensions (L x W x H)	1605 x 1635 x 2090 mm
Electrical connection	200 - 220 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	0.22 kW / 10 A
Connections	Compressed air 6 bar; PLC control
Noise emission	approx. 85 dB(A), without product
Materials	Electrostatic paint and aluminium
Weight net / packed	approx. 320 / 360 kg
Included	2 sets of molds and carrying arm set
Optional	Different molds and carrying arm set
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-30/35 Germination & Grow Chambers Series >](#)
[SD-15110 Full Automatic Envelope Seed Pack Machine >](#)
[Visit \[www.esdemakine.com\]\(http://www.esdemakine.com\)](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 23,750

MODEL SD-15110

Full Automatic Envelope Seed Pack Machine

Counts and packs 30 to 3000+ seeds per bag - automatically.

6-12

Bags per minute

30-3000+

Seeds per bag

0-3 pcs

Accuracy



Overview

The SD-15110 handles stand-up and side-sealed bags from 80 to 150 mm wide and 80 to 200 mm high, counting from 30 to over 3000 seeds per bag with an accuracy of 0 - 3 pieces. It uses a Delta control system and HMI, AirTAC pneumatics (SMC optional), a Festo vacuum generator (vacuum pump optional) and electrical components from brands such as Schneider, Eaton, Omron and Panasonic. Frame and contact parts are SS304.

Key Features

- 6 - 12 bags per minute
- Bag width 80 - 150 mm, height 80 - 200 mm
- Delta PLC and HMI, AirTAC or SMC pneumatics
- Stand-up and side-sealed bags
- 30 - 3000+ seeds (special design below 30)
- Options: auto feeder, incline bucket/belt conveyor, Z-type conveyor, mini bag adapter

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

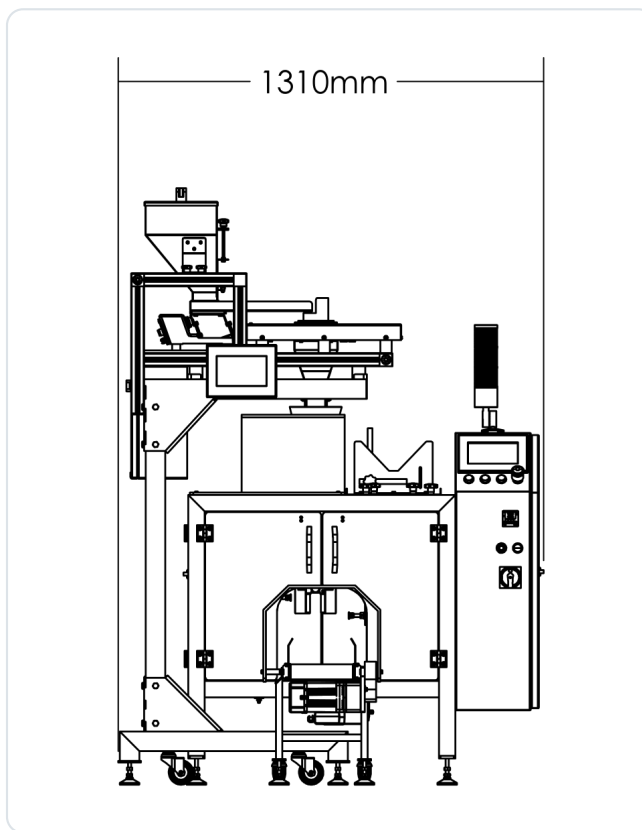
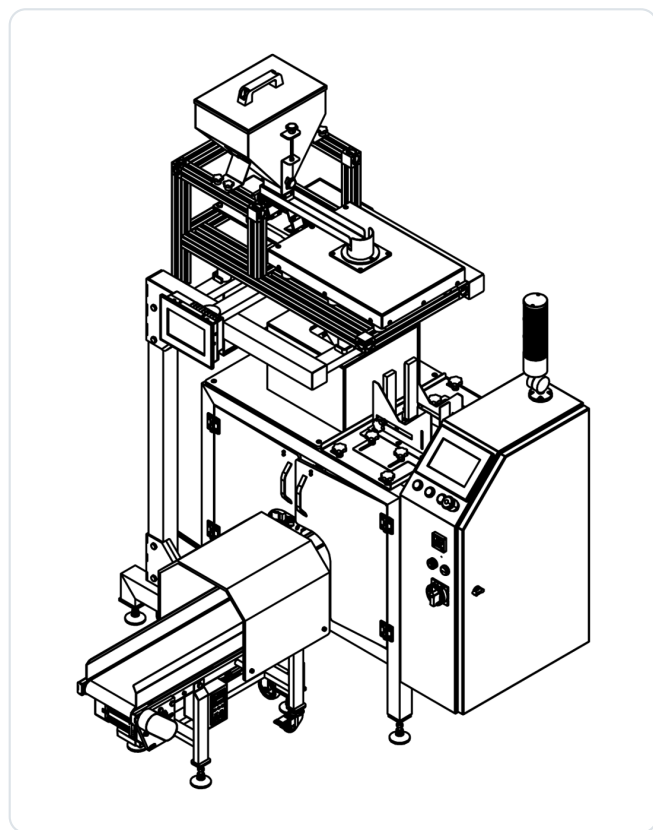
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Technical Specifications | SD-15110

Parameter	Specification
Capacity	12 packs per minute
Dimensions (L x W x H)	1310 x 1470 x 1830 mm
Electrical connection	200 - 220 V (±5%), 1 ph + N + ground, 50/60 Hz (other values on request)
Max. power / connection	0.22 kW / 10 A
Connections	Compressed air 8 bar; PLC control
Noise emission	approx. 75 dB(A), without product
Materials	Stainless steel 304 and plastics
Weight net / packed	approx. 185 / 215 kg
Included	Packet conveyor belt
Optional	Air compressor
Certification	CE

Technical Drawings



NEXT IN YOUR PROCESS CHAIN

[SD-6210 Seed Air Screen Selector >](#)
[SD-30/35 Germination & Grow Chambers Series >](#)
[SD-15110 Full Automatic Envelope Seed Pack Machine >](#)
[Visit www.esdemakine.com](#)
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LIST PRICE 2026 (EUR, EXCL. VAT)

€ 28,000

COLLECTION 09

Germination & Growth

Climate-controlled germination cabinets and plant growth chambers.

1 PRODUCT FAMILY IN THIS COLLECTION



SD-30/35

Germination & Grow Chambers Series

Precise climate and custom LED lighting for research and testing.

Page 85 ›

MODEL SD-30/35

Germination & Grow Chambers Series

Precise climate and custom LED lighting for research and testing.


0-200

μmol/m²s light

±1%

Humidity sensitivity

2 m/s

Constant airflow

Overview

ESDE designs and produces air-conditioned chambers and environmentally controlled plant growth rooms, refining precise control of temperature, humidity, light and pressure since 2001. Built with premium components, the cabinets feature custom LED lighting - adjustable in colour temperature, intensity, colours and wavelengths - meeting IP67 criteria and made exclusively for ESDE products.

Key Features

- Ready to use without installation
- Configurable high/low temperature and humidity
- Stainless-steel interior for easy cleaning
- Removable, height-adjustable shelves and canopies
- Automatic control with remote notifications
- Multiple lighting options, IP67 custom LEDs

CE

All machines CE marked

Made in Türkiye

Engineered and built in Konya

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Technical Specifications | SD-30/35

Parameter	Specification
Light intensity	Grow SD-300550 / SD-301100: 0 - 200 $\mu\text{mol}/\text{m}^2\text{s}$ LED; Germination SD-350550 / SD-351100: 0 - 100 $\mu\text{mol}/\text{m}^2\text{s}$, dimmable
Outer dimensions	693 x 852 x 2070 mm (one door); 1398 x 850 x 2070 mm (double door)
Inner dimensions	540 x 650 x 1390 mm (one door); 2 x 540 x 650 x 1390 mm (double door)
Operating range	Lights on/off: +15 to +35 °C / +5 to +35 °C; humidity $\pm 1\%$ / $\pm 2\%$
Light position	Side lighting (grow), top lighting (germination)
Airflow	Constant 2 m/s across shelves
Electrical connection	1 ph, AC 230 V $\pm 10\%$, 50 Hz
Shelves	Grow: 6 / 12; germination: 4 / 8
Weight net	175 kg (one door); 250 kg (double door)
Certification	CE

Product View



NEXT IN YOUR PROCESS CHAIN

[SD-14010 Seed Counting Machine >](#)
[SD-11110 Lab Liquid Priming Unit >](#)
[SD-10040 Hot Water Disinfection Unit >](#)

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from € 8,750

Model Finder

All models at a glance. Tap any row to open the machine.

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Key - Ready Plant Tissue Lab Solutions & Equipments





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