

SEED PROCESSING



H O L L A N D

EMM-1201

Tomato Seed Extraction Machine



WORLD LEADER IN SEED PROCESSING
EQUIPMENT AND SOLUTIONS



EXTRACTION

Tomato Seed Extraction Machine EMM-1201

The Tomato Seed Extraction Machine is used to extract seeds from small tomato lots ($\pm 10 - 100$ tomatoes). The built-in water nozzle system enables a quick cleaning cycle avoiding any residual formation between lots. The nozzles allow (pre-)rinsing during and after the extraction process. The machine is very suitable for breeding and foundation seed stations.

The main benefits for you:

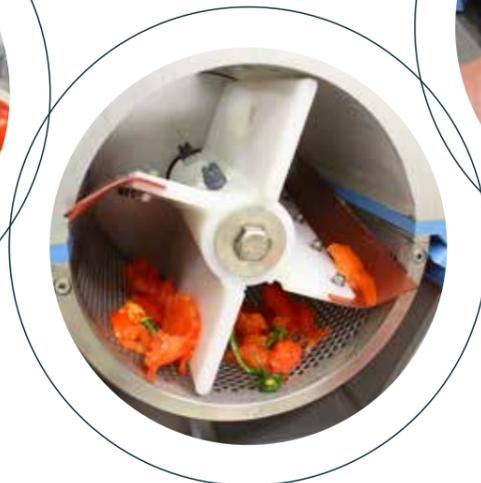
- Three separations in one process (seed, pulp, and juice).
- Perfect design “residual formation in the machine is minimized”.
- Easy and quick to inspect and clean.
- Very clean seeds, less cleaning is required after extraction. The gelatinous material surrounding the seed is partially rubbed away.

The machine is very suitable for extraction of:

- Different tomato varieties
- Cherry to vine tomatoes



Infeed of tomato fruits



Baskets and beaters



Extracted tomato seeds

Technical description Tomato Seed Extraction Machine EMM-1201:

Capacity, processing, and cleaning times

Tomatoes** measuring between $\varnothing 20$ and $\varnothing 80$ mm.

Start-up time (the beaters must be up to speed):

- 15 seconds

Tomato processing time:

- Cherry tomato ($\varnothing 20-50$ mm): ± 0.5 seconds per tomato *
- Vine tomato ($\varnothing 50-80$ mm): ± 1 second per tomato *

Cleaning cycle:

- ± 1 minute
 - Open the door and remove the baskets: 10 seconds
 - Close door and let nozzles spray: 30 seconds
 - In the meantime, brush/rinse baskets
 - Open door, rinse with water hose: 15 seconds
 - Replace the baskets and close the door: 10 seconds

* Indication only, depending on crop, settings, baskets, conditions, and specific weight of the product.

** Tomatoes must be ripe. Fruits that are not ripe, and harder, may be more difficult to process.

| | |
|---|---|
| Dimensions 1436 x 632 x 1230 mm (LxWxH) | Connections Water supply: $\pm 50 - 100$ litres per hour Excluding provisions for collecting fruit parts and provisions for drainage of juices |
| Noise emission ± 79 dB(A) (measured without product) | Materials Stainless steel 304 and aluminium |
| Electrical connection 200 - 240 V ($\pm 5\%$), 1 phase + 0 and ground, 50 / 60 Hz (other values available on request) Installed capacity: 3.0 kW Connection value: 16 A (slow blow) | Finishing Powder coated, RAL 9010 (white) |
| CE | Weight ± 181 kg |
| Including • One bucket 5 litres (white) | Options • 2 x Basket • 2 x Beater (One upper basket, one lower basket and two beaters are necessary for the machine to operate) |

Part of the EMM Family

| Type | Capacity |
|-----------------|---|
| EMM-1003 | Asparagus seed berries |
| EMM-1100 | ± 50 kg - 1500 kg fruits (tomatoes, bell pepper, cucumber, eggplant, melon, squash, or small pumpkins) per hour |
| EMM-1201 | Tomatoes measuring between $\varnothing 20$ and $\varnothing 80$ mm |
| EMM-2001 | True Potato Seed |



Outlets



Easy exchangeable basket



Robust controls

Our product groups



EXTRACTION



THRESHING



DISINFECTION



DRYING



CLEANING



PELLETING



TREATING



PRIMING



QUALITY CONTROL



PACKING, COUNTING
& WEIGHING



TRANSPORT



DELIVERY
FROM STOCK

REGIONAL OFFICE

Salinas
The United States
of America

HEAD OFFICE

Enkhuizen
The Netherlands

SALES OFFICE

Beijing
China

REGIONAL OFFICE

Ho Chi Minh
Vietnam

SEED PROCESSING

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