

SEED PROCESSING



H O L L A N D

EMM-1100

# Seed Extraction Machine



WORLD LEADER IN SEED PROCESSING  
EQUIPMENT AND SOLUTIONS



EXTRACTION

# Seed Extraction Machine EMM-1100

The Seed Extraction Machine is used for damage free extraction of seeds from vegetable fruit crops like tomato and melon and hard skin fruit crops like squash and small pumpkins. The machine is very suitable for use in commercial processing plants.

## The main benefits for you:

- Three separations in one process (seed, pulp, and juice).
- Water nozzles in the inlet hopper to rinse the machine during the process (necessary for relative dry fruits like sweet peppers).
- Prevents mechanical damage to your valuable seeds.
- Easy, safe and quick to inspect and clean.

## The machine is very suitable for extraction of seeds from:

- Tomato, sweet pepper, cucumber.
- Eggplant and melon.
- Hard skin fruit crops like squash and small pumpkins.\*\*



Lower basket separation



Upper basket separation



Crushing mechanism

## Technical description Seed Extraction Machine EMM-1100:

### Capacity, processing, and cleaning times

± 50 - 750 kg fruits per hour. \*

The cleaning time is ± 5 to 10 minutes.

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

### Dimensions

1590 x 975 x 2030 mm (LxWxH)

Height including inlet hopper is 2950 mm

### Connections

Water supply: ± 3600 litres per hour.  
Excluding provisions for collecting fruit parts and provisions for drainage of juices

### Noise emission

± 78 dB(A) (measured without product)

### Materials

Stainless steel 304 and aluminium

### Electrical connection

380 - 415 V (± 5%), 3 phases + 0 and ground,  
50 / 60 Hz (other values available on request)  
Max. power consumption: 5.5 kW  
Connection value: 16 A (slow blow)

### Finishing

Powder coated, RAL 9010 (white)



### Weight

± 323 kg

### Including

- One seed collecting container 65 litres (white)

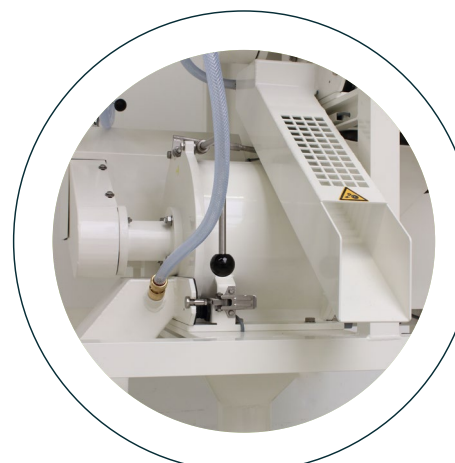
### Options

- 2 x Basket
- 2 x Beater
- Inlet hopper (standard or Z-shape)  
(One upper basket, one lower basket, two beaters and an inlet hopper 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-1104	± 50 - 750 kg fruits (chili peppers) per hour
EMM-1201	Tomatoes measuring between Ø 20 and Ø 80 mm
EMM-2001	True Potato Seed berries measuring between Ø 10 and Ø 30 mm

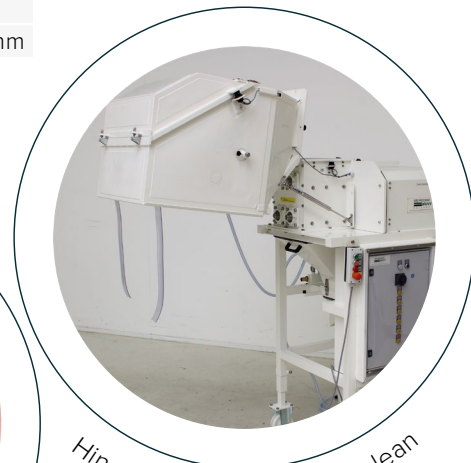
\*\*Squash and small pumpkins must first be broken by means of our fruit crusher, type ERM-1300. We also advice that machine to break fruits with a diameter larger than 120 mm before feeding them into the extraction machine.



Pulp outlet



Perfect seed separation



Hingeable parts - easy to clean

# Our product groups



EXTRACTION



THRESHING



DISINFECTION



DRYING



CLEANING



PELLETING



TREATING



PRIMING



QUALITY CONTROL



PACKING, COUNTING  
& WEIGHING



TRANSPORT



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FROM STOCK

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of America

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