



# smicon

improve the process

improve the future

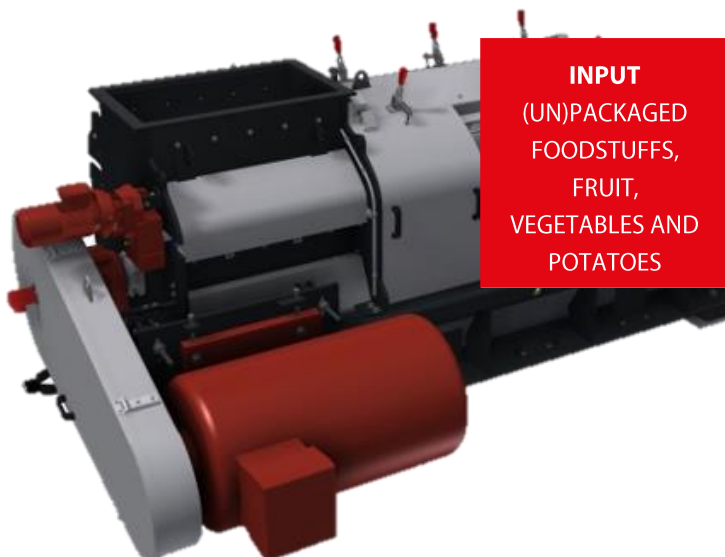
DEPACKAGING



**SMIMO120**

The SMIMO120 is perfect for separating organic products (supermarket returns and/or residual streams from food production) from its packaging with the organic part being finely ground. The SMIMO120 is a machine that can process large quantities up to 35 m<sup>3</sup> per hour. The machine is fitted for separating both dry and moist product.

- ▶ Packaging remains large and the organic matter is finely ground ▶ Rotating filter drum
- ▶ Feeding large products is possible ▶ Feeding liquid is possible ▶ >99,5 % clean organic output
- ▶ The large filter surface and filters can be replaced easily ▶ Available in a fully stainless steel version
- ▶ Low revolutions of the rotor shaft create less wear ▶ Hydraulic service hatch for easy access to axle and filters
- ▶ Tool included to manually rotate the main axle for easy cleaning and maintenance



**INPUT**  
(UN)PACKAGED  
FOODSTUFFS,  
FRUIT,  
VEGETABLES AND  
POTATOES



**OUTPUT**  
PACKAGING AND  
ORGANIC FLOW

# SMIM0120

## TECHNICAL DATA

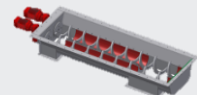
Dimensions	
Machine general	3990x2430x1540 mm (LxWxH)
Infeed	898x504 mm (LxW)
Outfeed organic	2553x844 mm (LxW)
Outfeed packaging	844x280 mm (LxW)
Transport dimensions	4100x2280x1820 mm (LxWxH)
Transport volume	17 m <sup>3</sup>
Clearance area	8000x4500 mm (LxW)
Filter surface	3,55 m <sup>2</sup>
Filter mesh size	Ø 8/12/15/20/25/30/50/70 mm
Weight	
Weight	6600 kg
Floor load per foot	30 kN
Transport weight	6800 kg
Drive	
Power main axle	75/90 kW
Power filter drum	1,1 kW
RPM filter drum	2,5 RPM
IP rating	IP66
Product information	
Capacity	1-35 m <sup>3</sup> /hour
Product temperature	1-70 °C
Liquid feed	
Connection	1" BSP
Temperature	1-70 °C
Maximum pressure	5 bar
Maximum capacity	18 m <sup>3</sup> /hour
Maximum fouling	Ø 2 mm
Other specifications	
A-weighted sound pressure level	<80 dB
C-weighted instantaneous sound pressure	<130 dB
Technical data is specified according to the machine without accessories	

### Accessories

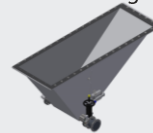
Infeed funnel



Double conveyer screw



Outfeed funnel organics



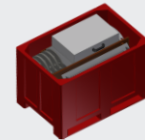
Platform



Frame



Service box



### Clearance area and illustrations

