



## TECHNICAL DATA

Size with standard frame		
Overall length	2990 mm	(118")
Overall width	1100 mm	(43")
Overall height	2206 mm	(87")
Frame length	2280 mm	(90")
In-feed chute width	500 mm	(20")
In-feed height	1642 mm	(65")
Discharge height	1254 mm	(49")
Overall weight	1250 kg	(2750 lbs)

Supply voltage  
220-400 v 3 phases 50-60hz

Motors	
Rollers	4 x 1.5 kW (4 x 2HP)
Auger	1 x 0.37 kW (1 x 0.5HP)

Rollers	
Number of rollers	10 or 6
Roller diameter	88 mm (3.5")
Roller length	2000 mm (79")
Abrasive	760 mm (30")
Knife	1240 mm (49")
Auger	
Diameter	800 mm (31.5")
Pitch	430 mm (17")

Capacity  
600-1100 kg/h depending on raw material type and quality.

### Machine models:

COMBI-1000-SK-*	KNIFE+STEEL ABRASIVE
COMBI-1000-CK-*	KNIFE+CARBORUNDUM ABRASIVE
COMBI-1000-KK-*	KNIFE+KNIFE
COMBI-1000-SS-*	FULL STAINLESS STEEL ABRASIVE
COMBI-1000-CC-*	FULL CARBORUNDUM ABRASIVE
COMBI-1000-BB-*	FULL BRUSH ROLL

\*All machine types are available in two versions: 10 roll version and 6 roll version (\*=10 or \*=6)

Because of continual improvements, strict accuracy of description and illustrations cannot be guaranteed.

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## ABRASIVE PEELING WITHOUT CARBORUNDUM

Combined with KNIFE PEELING without WATER  
for SMALL and BIG SIZED RAW MATERIAL

## From raw material to a knife-peeled surface finish in one machine

The unique and patented FORMIT Combi-peeler peels a clean raw material to a finished product with a knife cut surface in one machine. The combination of an abrasive peeling element and a knife peeling element on one roll gives advantages that cannot be found in any other peeling machine.

The abrasive part of the element removes/opens the outer skin of the raw material. This part of the process grants the knife elements a long lifetime. As the hard skin of the raw material is partially removed, the knife peeling is easier.

## Both big and small products, hard and soft

The FORMIT Combi-Peeler design allows the peeling of a wide range of products in the same peeler. The unique design with abrasive elements combined with knife element and adjustable speed on the rolls makes it possible to peel small potatoes and celeriac with the same machine. Also, very hard products as swede turnip or long products like carrots can be peeled.



Potatoes



Carrots



Beetroots



Carrots



Sweet potatoes



Parsnips



White radish

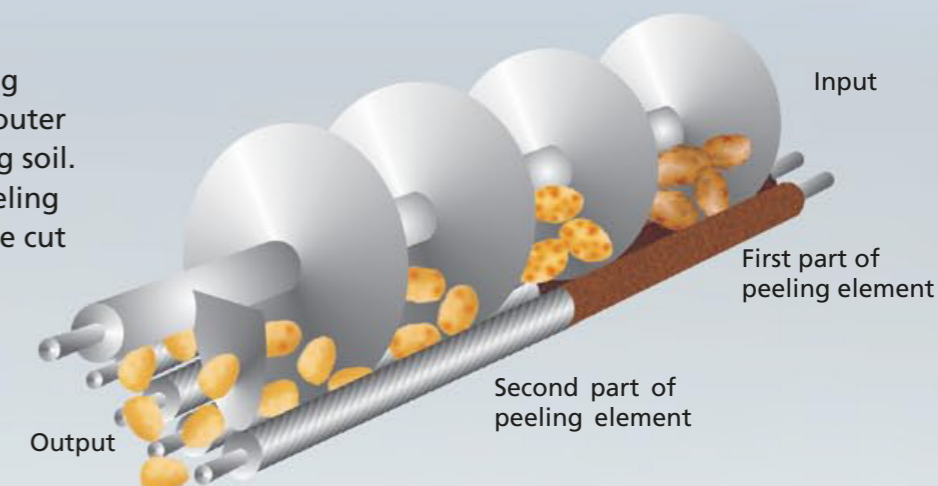


Swede turnip



Celeriac

First part of the peeling element removes the outer skin and any remaining soil. Second part of the peeling element gives the knife cut surface.

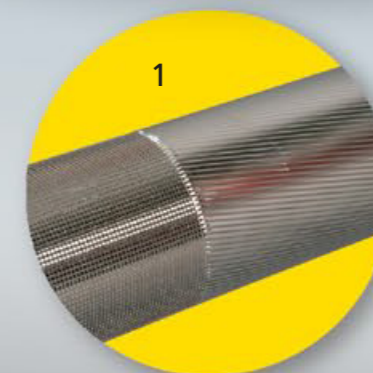


## Element alternatives in the Combi-peeler

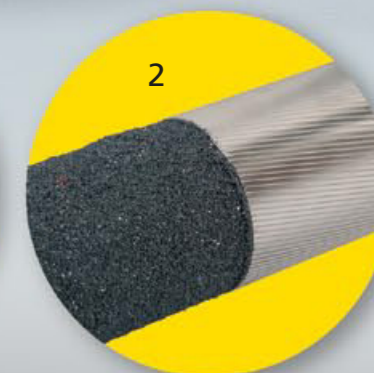
### 1) STAINLESS STEEL

#### ABRASIVE+KNIFE ELEMENT

The new abrasive stainless steel element combined with knife element gives effective peeling without leaving any particles from the peeling elements in the final product.



COMBI-1000KS  
KNIFE+STEEL ABRASIVE

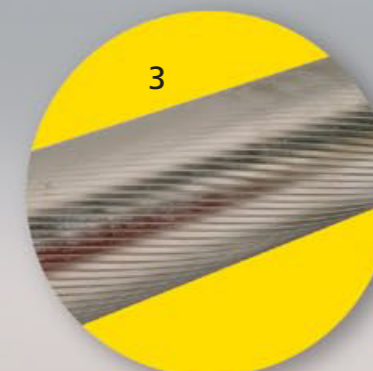


COMBI-1000KC  
CARBORUNDUM ABRASIVE+KNIFE

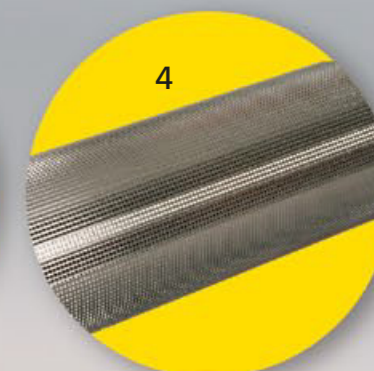
### 2) CARBORUNDUM

#### ABRASIVE+KNIFE ELEMENT

The abrasive carborundum element combined with knife element use the same working principle as the stainless steel abrasive element.



COMBI-1000KK  
KNIFE+KNIFE



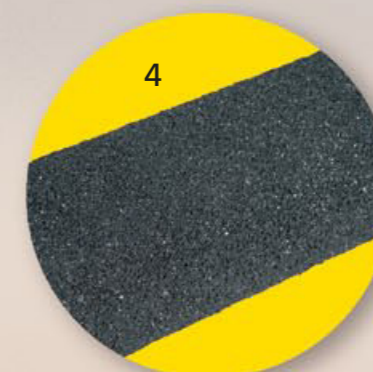
COMBI-1000SS  
FULL STAINLESS STEEL ABRASIVE

### 3) KNIFE+ FINISHING KNIFE

The combination of two knife elements on one roll gives a powerful peeling of a pre-peeled product. The first element can be equipped with rough cuttings and the second part with a finer cutting knife to achieve the best peeling results.

### 4) ABRASIVE ELEMENTS

Double carborundum or stainless steel abrasive roll elements for pre-peeling of all types of products.



COMBI-1000CC  
FULL CARBORUNDUM ABRASIVE



COMBI-1000BB  
FULL BRUSH ROLL

### 5) BRUSH ELEMENT

Brush elements for preparing/cleaning of raw material.