



Boema S.p.A. factory

Continuous abrasive
peeler Mod. "A80"



Vegetable

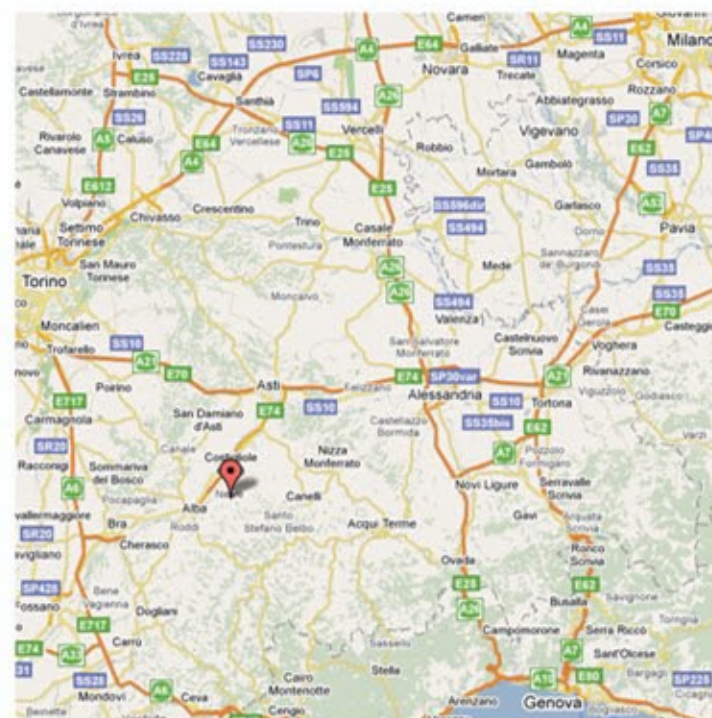


BOEMA BALCANI D.o.o.
 Ul Augusta Cesarca 8/31
 21000 Novi Sad
 Phone: +381 (0) 21 447 550
 Fax: +381 (0) 447 550
 e-mail: boemabalcani@gmail.com
 Internet: www.boemabalcani.rs

**ПРЕДСТАВИТЕЛЬСТВО В РОССИИ
 АРМЕНИИ, КАЗАХСТАНЕ:**
 тел: +7(918)360-72-63
 тел/ф: +7(861)277-69-84;
 e-mail: boema-rus@mail.ru

ПРЕДСТАВИТЕЛЬСТВО В БЕЛАРУСИ:
 тел: +375 176 777 377
 факс + 375 176 777 377
 e-mail: boema@tut.by

**ПРЕДСТАВИТЕЛЬСТВО В УКРАИНЕ
 МОЛДОВЕ, РЕСПУБЛИКЕ УЗБЕКИСТАН**
ВОЕМА UKRAINE LTD
 тел: +38 (044) 451 5678
 факс: +38 (044)536 0849
 e-mail: boema@mail.ru
 Internet: www.boemaukrai.ukrbiznes.com



Boema S.p.A. C.so Romano Scagliola 197 - 12052 Neive (CN) Italy Tel.+39/0173 67 87 11
 Fax +39/ 0173 67 626 e-mail: boema@boema.com - Internet: www.boema.it



FoodTech



FoodTech

CONTINUOUS ABRASIVE PEELER

Mod. A80

Main features

The machine peels tubers and roots with continuous process. The peeling is performed by means of abrasive rotating rollers suitably placed in order to form a horizontal cradle for product containing. The cradle diameter enables the contact between the rollers and the product. The product, contained inside, is fed through an adjustable speed screw. Fully manufactured in AISI 304 stainless steel press-formed plate and sections, it will be composed of:

- cradle composed of set of rollers (n° according to the model), coated with abrasive material, respectively coarsed, medium and fine grain;
- rollers driven by means of n. 1 or 2 motorized-gearboxes with frequency changer for speed adjustment;
- inner screw for product feeding;
- screw driven by means of motorized-gearbox with frequency changer for speed adjustment
- upper grid for cleaning operations;
- n° 6 inferior doors easy dismantling for maintenance;
- n° 6 upper openable doors (provided with inner protection grid) for the machine inspection during the functioning;
- hopper to convey and discharge peels and water;
- nozzles placed over the screw for water sprinkling during the peeling (in case of sprinkling peeling);
- loading and discharge hopper;
- centralized lubrication plant for the supports;
- frame to lift the machine fitted with service catwalk with trampling table made of galvanized grid, access ladder and protection handrail.



Configuration of the machine closed, ready for the abrasive peeler



Raw materials' loading hopper



View of the abrasive rollers with the product feeding screw



Detail of the product discharge hopper



Nozzles for further water sprinkling on the product



Technical data

NB: the values given in the sheet are approximate and refer to input potatoes of good quality foreseen to fresh peeled products' production (IV gamma).

Model	N° rollers	Diameter [mm]	Rollers' length [mm]	Overall dimensions (LxPxH) [m]	Installed el. power [kW]	Production capacity [kg/h]
A80/6K	6	152	2.000	3.35x1.6x2.25	4.55	1.200
A80/6	6	152	2.700	3.8x2.05x3	8.25	2.000
A80/8K	8	108	2.000	3.5x2.1x2.3	6.55	1.500
A80/8	8	152	2.700	3.9x2.7x2.8	8.75	3.500
A80/10	10	152	2.700	4.05x3,15x3,1	11	4.500
A80/12-2	12	152	2.700	3.7x2.8x3	16.5	4.000



Configuration of the machine opened for inspection and cleaning operations



Version of the A81 peeler with rollers covered by brushes (to couple o the Boema steam pressure peeler Mod. SPB)



Detail of the transmission for the abrasive rollers



Product feeding screw



Peeler complete with monoscrew pump for peels' removal (optional)