



Boema S.p.A. factory

Extraction and refining group
Mod. PR40 and PR40G

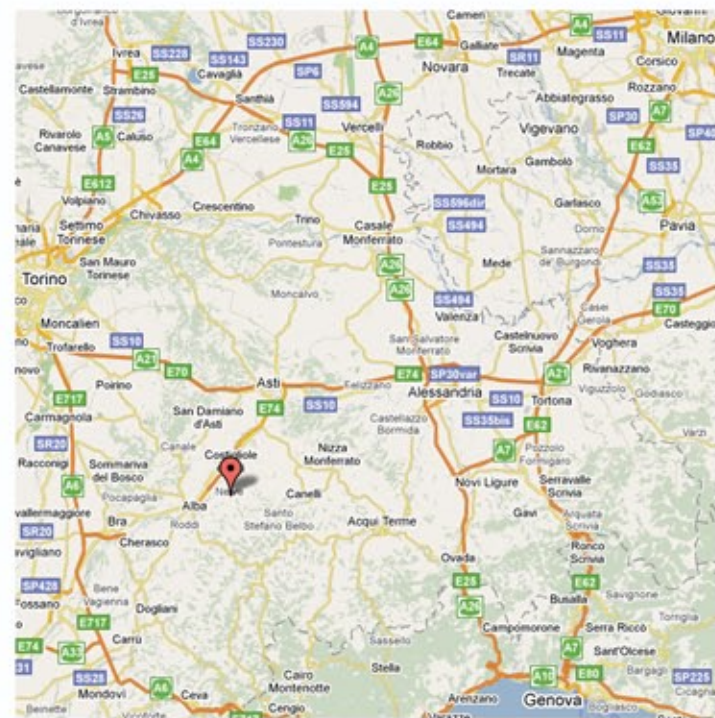


Vegetable

Fruit



Some of our References



FoodTech



FoodTech

Extraction and refining group Mod. PR40 and PR40G

Main features

Boema manufactures extraction and refining groups, with fix paddles rotor, for fruit and vegetables' puree. The production program foresees the construction of two models, PR40 and PR40G, individual or double, only different per rotor diameter and length.

Each machine is mainly composed of:

- 6 or 12 paddles rotor (AISI 304 stainless steel);
- perforated sheet basket with reinforce rings and static filter with perforation upon request (AISI 304 stainless steel);
- casing with quick opening front door (AISI 304 stainless steel);
- DN80 product inlet connection;
- manifold for washing water distribution;
- product collecting hopper;
- scraps' evacuation hopper;
- electrical motor;
- frequency changer to control the rotation speed (accessory);
- supporting frame in closed tubular (AISI 304 stainless steel).



Individual extraction group
mod. PR40-1



Double extraction group
mod. PR40-2



Individual extraction group
mod. PR40G1



Double extraction group
mod. PR40G2

Technical data

NB: The production capacities of groups vary from 1 to 40 t/h according to the model, the installed electrical power, the refining degree and the features of the input raw material.

Model	Rotor length [mm]	Nominal Ø of the rotor [mm]	N° of rotors	Available powers for rotor [kW]	Max. overall dimensions (Lu x La x h) [m]
PR40-1/11	375	380	1	11	1,74 x 0,85 x 2,23
PR40-1/15	375	380	1	15	1,74 x 0,85 x 2,23
PR40-1/18	375	380	1	18.5	1,74 x 0,85 x 2,23
PR40-1/22	375	380	1	22	1,74 x 0,85 x 2,23
PR40-1/30	375	380	1	30	1,74 x 0,85 x 2,23
PR40-2/11	375	380	2	11	1,76 x 1,33 x 1,96
PR40-2/15	375	380	2	15	1,76 x 1,33 x 1,96
PR40-2/18	375	380	2	18.5	1,86 x 1,33 x 1,96
PR40-2/22	375	380	2	22	1,86 x 1,33 x 1,96
PR40-2/30	375	380	2	30	1,92 x 1,33 x 1,96
PR40G1/22	440	520	1	22	2,26 x 1,1 x 2,3
PR40G1/30	440	520	1	30	2,31 x 1,1 x 2,3
PR40G1/37	440	520	1	37	2,34 x 1,1 x 2,3
PR40G1/45	440	520	1	45	2,34 x 1,1 x 2,3
PR40G1/55	440	520	1	55	2,39 x 1,1 x 2,3
PR40G2/22	440	520	2	22	2,26 x 1,5 x 2,3
PR40G2/30	440	520	2	30	2,31 x 1,5 x 2,3
PR40G2/37	440	520	2	37	2,34 x 1,5 x 2,3
PR40G2/45	440	520	2	45	2,34 x 1,5 x 2,3
PR40G2/55	440	520	2	55	2,39 x 1,5 x 2,3



The puree extraction chamber
without filter and rotor



12 fix paddles rotor for Mod. PR40



Detail of the rotor and filter
in working position



Detail of the three stages
sectional rotor with
disassembling paddles



View of the PR40 from the
product loading side



Basket complete with
filter for Mod. PR40



Monoscrew electropump for filters
unit and safety pressure switch,
installed on the extraction
group discharge (accessories)