



**SALVATORE
ROBUSCHI
POMPE PARMA**

Multiple Effect Forced Evaporator Plant

RB - Food, Farms and Derivatives

Tomato processing industry

Tomato processing industry, mainly composed of tomato pastes, sauces and canned tomato products, is distinctly separate from the fresh-market industry. Most of the volume of processed tomatoes is packaged as bulk tomato paste. Packed in drums, the paste is usually shipped from the processing plant to other manufacturing sites



Application : Multiple Effect Forced Evaporator Plant

PUMP: RBB 200-45A 6C90 C125 3
PERFORMANCE: Flow 359m³/h – head 24,9 m
LIQUID: tomato paste 28°BX – 1st effect

In this type of evaporator, liquid is pumped through heat exchanger tubes at high velocity avoiding precipitation and creating high turbulence; liquid passes through vapour separator for separation of vapour and finally condensing the vapour in the condenser. Concentrated liquid is continuously discharged from bottom of vapour separator. Production from 300 to 2500 tons/day.

RB SERIES

Impeller type: **channel**.
Discharge sizes: **from DN 65 to DN 300**.
Maximum working pressure: **10 bar**
Flow rate: **up to 2400 m³ /hr**.
Differential head: **up to 70 m**.
Impeller with special blades geometry for low NPSH and high free passage.

