



**SALVATORE
ROBUSCHI
POMPE PARMA**

Tomato reception and Pre-Washing

RB - Food, Farms and Derivatives

Tomato processing industry

Tomato processing industry, mainly composed of tomato pastes, sauces and canned tomato products, is distinctly separated 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: Tomato Reception and Pre-Washing

PUMP: RBB 125 31A 4C18 S
PERFORMANCE: Flow 250m³/h – head 18 m
LIQUID: slightly dirty water

Tomatoes are unloaded into a collection channel (also known as flume), a stainless steel or cement duct into which a quantity of water 3 to 5 times higher than the amount of unloaded tomato is continuously pumped. RC vortex impeller are used to send this high amount of water to the filters. This liquid could contain small pieces of tomatoes, soil, branches, grass, ...

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.

