



**SALVATORE  
ROBUSCHI  
POMPE PARMA**

# Municipal waste water

## RC - Ecology and Environment

### Waste Water Treatment

Conventional waste water treatment consists of a combination of physical, chemical, biological processes and operations to remove solids, organic matter and, sometimes, nutrients from waste water. General terms used to describe different degrees of treatment, in order to increase the treatment level, are preliminary, primary, secondary, and tertiary and/or advanced waste water treatment



### Application : Municipal waste water

**PUMP:** RCB 150-35F 4C75 M181 1  
**PERFORMANCE:** Flow 460m<sup>3</sup>/h – head 24 m  
**LIQUID:** sewage

The liquid contains high concentrations of large solids that can be handled only using pumps with vortex impeller. The pump provided to the customer can work with sludge with viscosity up to 300CP and solids up to 110 mm



### RC SERIES

- Impeller type: **vortex.**
- Discharge sizes: **from DN 32 to DN 250.**
- Maximum working pressure: **10 bar**
- Flow rate: **up to 800 m<sup>3</sup> /hr.**
- Differential head: **up to 60 m.**
- Large free passage clearance up to 150 mm due to the completely recessed impeller.
- Heavy duty shaft and bearings.

