

# SEM TYPE

## ROOTS

### Design:

- / Cast iron or stainless steel casing
- / V-Belt or direct drive
- / Impeller made of carbon steel or stainless steel
- / Roller bearings, ball bearings, double taper roller bearing, depending on the application
- / Single or double mechanical seal
- / Check valve on discharge
- / Suction and discharge manometer
- / Temperature and pressure switches on suction
- / Inlet filter (ceramic plug type)
- / Factory test with test report
- / Long conservation packing with nitrogen insulation
- / Engineering and documentation
- / Automation



### Performances:

- / Flow : from 50 to 22 700 m<sup>3</sup>/h
- / Pressure: from 0.4 bar (abs) to 1 bar (abs)

### Standard materials:

- / Cast iron or stainless steel

### Industrial applications:

- / Collection and transport of biogas on landfills
- / Cogeneration
- / Process compressor / booster
- / Petrol gas boosting