

## LPG

### Top Off-Loading

With Vertical Pumps

Booster pump installed in a chamber at the top of the underground storage tank.

Series: CEB2000

### Top Off-Loading

With Installation for Suction Lift Operation

Side channel horizontal pump with NPSH inducer stage and level controller.

Series: PC

### Bottom Off-Loading

With Self Priming Horizontal Pumps

Side channel horizontal pump with NPSH inducer stage which can handle entrained gas.

Multistage segmental pumps with NPSH inducer and priming stage used for higher flow requirements.

Series: CEH, UEA, SC2000

### Side Channel Pumps

Bottom Off-Loading &ndash; CEH

Self-priming, segmental type with very low NPSH

### Technical Data

$Q_{max} = 35 \text{ m}^3/\text{h}$

$H_{max} = 354 \text{ m}$

$T_{max} = 180 \text{ }^\circ\text{C}$

#### Shaft Sealing

- Mechanical seal
- Compact design
- Magnetic drive

#### Application

- LPG - plants (propane, butane)
- Bottom off loading
- Car filling
- Bottle filling
- Carrousel filling
- Road tanker loading/off loading

#### Bottom Off-Loading - SC 2000

Side channel pumps for handling gas along with the liquid

#### Technical Data

$Q_{max} = 65 \text{ l}/\text{min}$

$\Delta p = 14 \text{ bar}$

$T_{max} = 80 \text{ }^\circ\text{C}$

#### Shaft Sealing

- Mechanical seal
- Magnetic drive

#### Application

- LPG - plants (propane, butane)
- Bottom off loading
  - .. For 1 dispenser gun

#### Top Off-Loading - CEB 2000

Closed coupled vertical tank pump Magnetic drive with special NPSH Impeller

#### Technical Data

Qmax = 65 l/min

Delta p = 15 bar

Tmax = 60 °C

#### Shaft Sealing

- Vertical design
- Magnetic drive

#### Application

- Vertical, extended tank pump essentially for handling liquids that are either boiling or stored at their vapour pressure. Particularly suited to Auto Gas filling stations.

#### Top Off-Loading - PC

Suction lift operation for under ground tanks

#### Technical Data

Qmax = 30 m<sup>3</sup>/h

Delta p = 18 bar

Tmax = 80 °C

Suction lift = max 4 m

#### Shaft Sealing

- Mechanical seal

- Magnetic drive

#### Application

- Auto gas dispensers
- Cylinder filling
- Vaporizer feed
- Burner feed
- Carrousel filling
- Road tanker loading/off loading

#### CEHA 5105 Cargo LPG &ndash; Truck Pump

Side Channel Pump with special NPSH Impeller with built in hydraulic motor

#### Technical Data

Qmax = 400 l/min

Delta p = 16 bar

Tmax = 80 °C

#### Shaft Sealing

- Mechanical seal

#### Application

- CEH Cargo-pumps are horizontal side channel pumps, for the handling of liquefied gas, specifically designed for truck installation.

#### Multistage Pumps

#### Bottom Off-Loading - UEA

Gas handling combi pump in segmental design

#### Technical Data

Qmax = 220 m<sup>3</sup>/h

Delta p = 20 bar

Tmax = 80 °C  
Shaft Sealing

- Single mechanical seal
- Double mechanical seal

Application"

- Reshipment points "
- Large gas depots"
- Emptying of fuel trucks "
- Filling of high tanks"
- Refueling cars"
- Large bottle plant"
- Road tanker loading/off loading

More Information:

- SIHI LPG solutions full product catalog
- Sumber Waja LPG Service