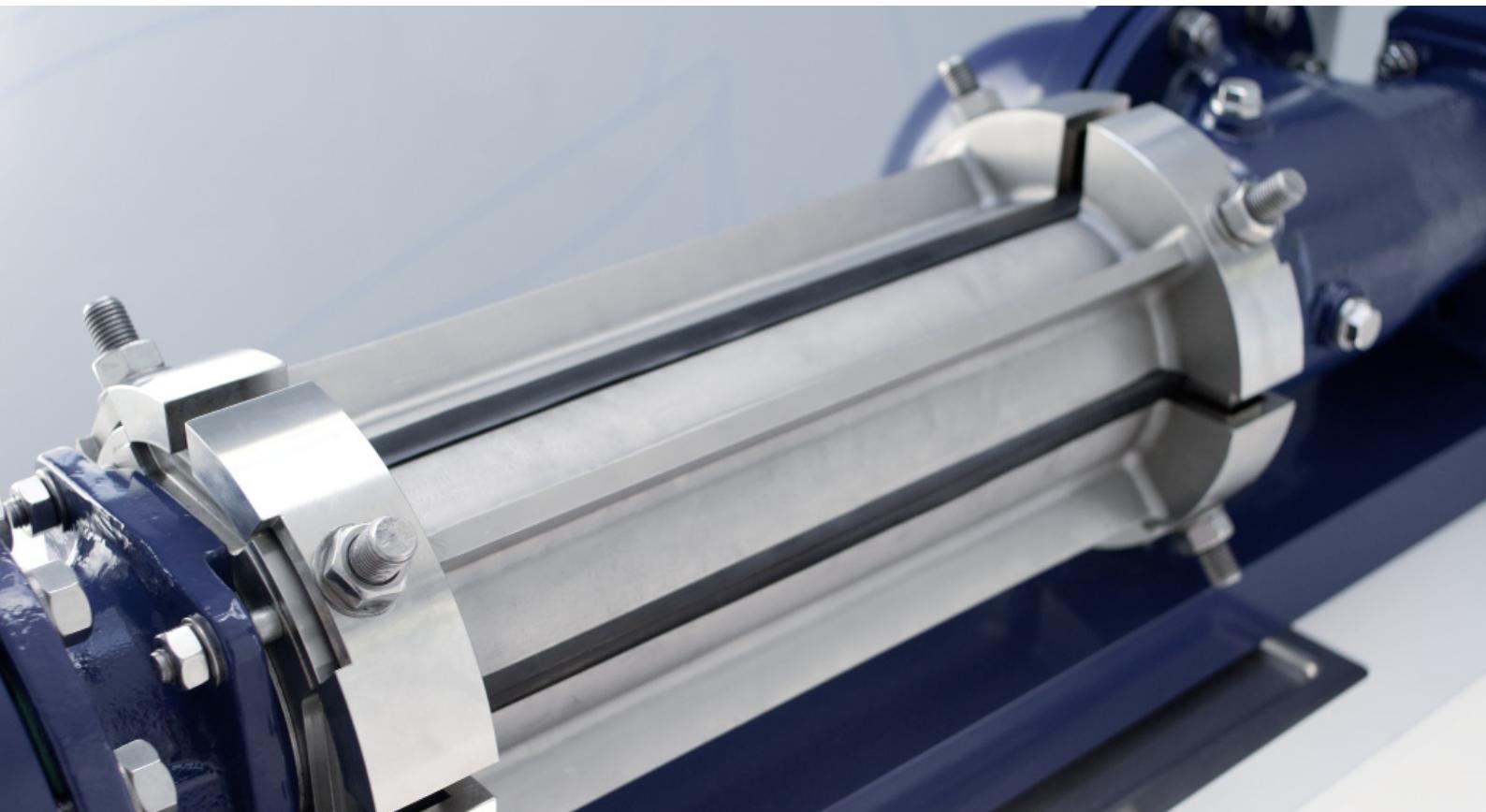


**seepex.com**  
all things flow

Smart Conveying Technology.  
Successfully used in many applications.



# Smart Conveying Technology for your application.

Our innovation, the "Smart Conveying Technology" (SCT), has been proven in a wide range of conveying tasks and has become an essential component in many applications.

The characteristic features of the "Smart Conveying Technology" include the split Smart Stator and the Smart Rotor which incorporates a detachable connection. These unique innovations allow maintenance work can be carried out by one person in just a few simple steps. The suction casing, pipe work and universal joint no longer have to be dismantled.

Numerous combinations of rotor and stator materials are available for most applications, including materials that conform to FDA standards for food-grade applications.

The integrated retensioning device ensures that the service life of the rotor and the stator can be increased by up to 200 %.

This means that even less manpower and time is required, and further reduces the life cycle costs of your pumps.

**"Smart Conveying Technology"  
makes replacing the rotor and  
stator up to 85 % faster.**



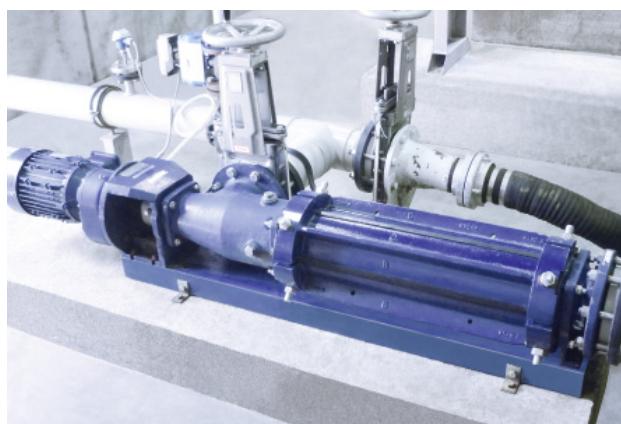
Thanks to ingenious design principles, maintenance work on the rotor and stator can be carried out with minimal effort and in the shortest of time. Compared with pumps without "Smart Conveying Technology" maintenance times to be reduced by 85 %.

A customer described the maintenance work as "child's play" – no wonder that our pumps equipped with SCT are indispensable in many industrial areas.

Progressive cavity pumps with "Smart Conveying Technology" convey many different products in almost every industries, including

- Breweries and distilleries
- Biogas industry
- Environmental engineering
- Food industry
- Pulp and paper industry
- Shipbuilding

The following example applications show seepex pumps equipped with "Smart Conveying Technology" in operation of satisfied customers.



**Pump of range BN 52-6LS**

Conveying product: Food waste  
Conveying capacity: 20 m<sup>3</sup>/h (88 GPM) • Pressure: 2.5 bar (36 PSI)  
Temperature: 35 – 45 °C (95 – 113 °F)



**Pump of range BN 17-6LS**

Conveying product: Digested sludge  
Conveying capacity: 4.5 – 22.4 m<sup>3</sup>/h (19.8 – 99.6 GPM)  
Pressure: 2 bar (36 PSI) • Temperature: 5 – 20 °C (41 – 68 °F)



#### Pump of range BN 17-6LS

Conveying product: Flotation sludge  
Conveying capacity: 4.5 – 22.4 m<sup>3</sup>/h (19.8 – 99.6 GPM)  
Pressure: 2 bar (29 PSI) • Temperature: 5 – 20 °C (41 – 68 °F)



#### Pump of range BN 17-6LS

Conveying product: Coating color  
Conveying capacity: 18 m<sup>3</sup>/h (79.2 GPM) • Pressure: 2 bar (29 PSI)  
Temperature: 38 °C (100 °F)



#### Pumps of range BN 17-6LS and BN 70-6L

BN 17-6LS • Conveying product: Faecal sludge • Conveying capacity: 8.5 m<sup>3</sup>/h (37 GPM) • Pressure: 2 bar (29 PSI) • Temperature: 5 – 40 °C (41 – 104 °F)  
BN 70-6L • Conveying product: Faecal sludge • Conveying capacity: 60 m<sup>3</sup>/h (264 GPM) • Pressure: 2 bar (29 PSI) • Temperature: 5 – 40 °C (41 – 104 °F)



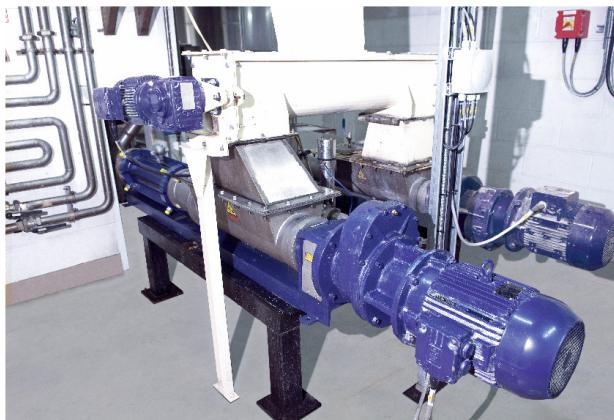
#### Pump of range BN 10-6LS

Conveying product: Surplus sludge  
Conveying capacity: 3 – 10 m<sup>3</sup>/h (13.2 – 44 GPM) • Pressure: 2 bar (29 PSI)  
Temperature: 20 °C (68 °F)



#### Pump of range BN 17-6LS

Conveying product: Sludge  
Conveying capacity: 3.5 – 18 m<sup>3</sup>/h (15.4 – 79.2 GPM)  
Pressure: 2 bar (29 PSI) • Temperature: 20 °C (68 °F)



#### Pumps of range BT 52-6LS

Conveying product: Mash  
Conveying capacity: 20 – 27 m<sup>3</sup>/h (88 – 118.8 GPM) • Pressure: 2 bar (29 PSI)  
Temperature: 65 °C (149 °F)

# Benefits.

- Maintenance times can be reduced by 85 %.
- Longer service life for rotor and stator thanks to integrated retensioning device.
- Pump blockages can be removed by simply dismantling the top stator half.
- “Smart Conveying Technology” allows condition monitoring of the rotor and stator.
- Easy handling during maintenance due to lighter components.
- Environmentally friendly due to separate disposal of elastomer and steel components.

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And what can we get flowing for you? Your nearest contact:

Or visit [www.seepex.com](http://www.seepex.com)