

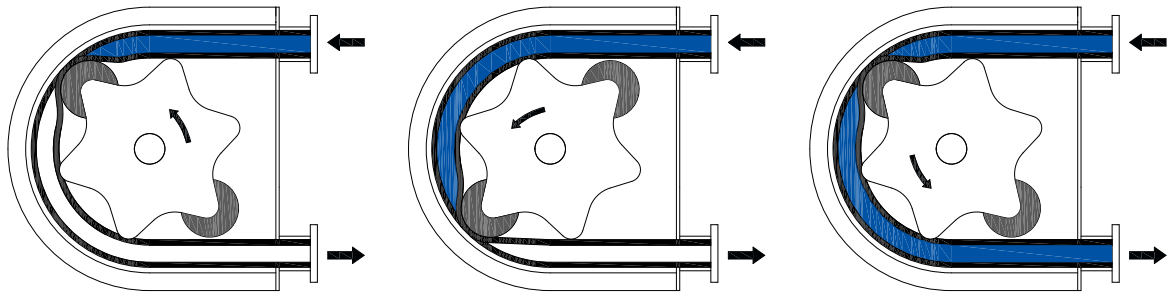
# Hose Pumps

SP





# Functional principle



The functional principle is based on the peristaltic pumping principle.

## Application areas

**Biogas production**

**Ceramic and Porcelain industry**

**Special foundation engineering,  
Tunneling**  
(bored pile, cut-off wall, jet grouting)

## Pumping of

biomasses, pressed out water

sludge

bentonite slurry, drilling fluids,  
sealing wall slurry, groundwater, mortar,  
slurry, waste water, cement - fly ash  
or other solid-containing slurry

## Advantages of GERTEC Hose Pumps:

- simple and economical pumping of high solids slurries, abrasive, corrosive, shear sensitive and viscous liquids and pastes
- sturdy, compact and suitable
- for construction sites
- only one product-contacting component only one wearing part (pump hose)
- self-priming
- dry running
- long tube operating life through optimized pump hose contraction
- reversible rotation
- easy operation and maintenance
- easy exchange of the pump hose
- no valves as well as without seals

# Performance range

type*	max. flow rate m <sup>3</sup> /h	max. discharge pres. bar	max. suction lift m	power input kW	rotational speed upm	nominal diameter of hose mm	length mm	width mm	height mm	weight kg
<b>SP-350 -1</b>	4,2	3	8	1,5	93	35	540	420	870	65
<b>-2</b>	2,1/4,2	3	8	1,5/1,9	46/93	35	540	420	870	65
<b>SP-550 -1</b>	12	6	8	4	73	50	630	690	1120	160
<b>-2</b>	6/12	6	8	3,7/4,4	36/73	50	630	690	1120	160
<b>-F</b>	4,8-12	6	8	4	32-73	50	630	690	1120	170
<b>SP-700 -1</b>	15	8	8	7,5	67	50	1000	900	1060	490
<b>-2</b>	7/15	8	8	6,5/8	36/72	50	1050	1000	1100	550
<b>SP-900 -1</b>	30	8	8	11	61	70	1250	1330	1450	800
<b>-2</b>	15/30	8	8	13/17	29/58	70	1250	1330	1450	985
<b>-FC</b>	6-24	8	8	11	61	70	1250	1330	1450	1100
<b>SP-1100 -1</b>	48	8	8	22	37	100	1570	1520	1620	1500
<b>-light</b>	48	5	8	15	37	100	1570	1520	1620	1465
<b>-1</b>	65	8	8	30	52	100	1570	1520	1620	1570
<b>-2</b>	24/48	8	8	18/21,5	18/37	100	1570	1520	1620	1500

Other sizes, types and equipments on request

\*) -1 stepped (1 rotational speeds), -2 stepped (2 rotational speeds), -F (frequency converter), -C (concrete bucket)



SP-350-1/ -2



SP-550-1/ -2 and SP-550-F



SP-700-1/ -2



SP-900-1/ -2

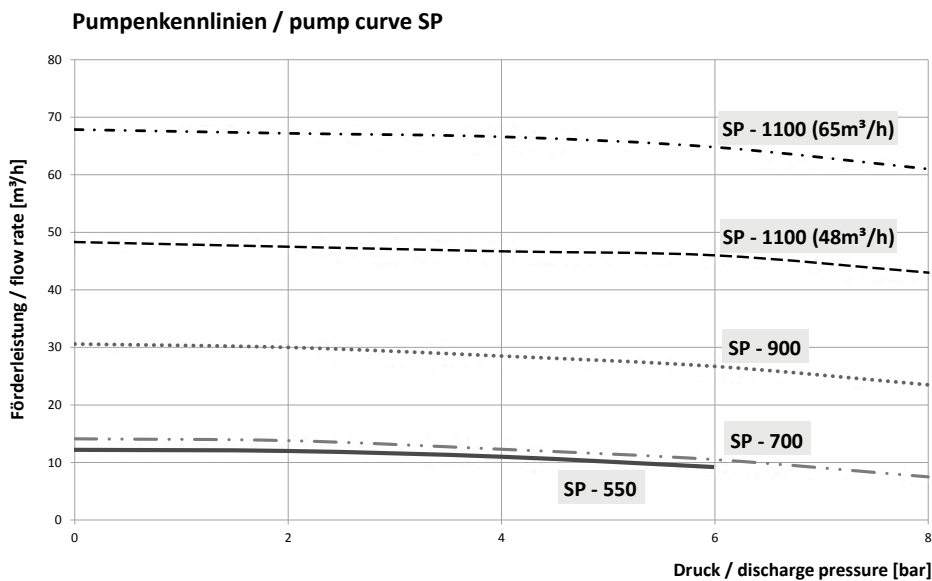


SP-900-FC



SP-1100-1/ -2/ -light

# SP



Hose Pumps  
from GERTEC stand for  
**easy** operation and maintenance  
with **low** operating costs  
and **shorter** downtime.

# GERTEC

Maschinen- und Anlagenbau GmbH

Ludwig-Prandtl-Straße 1  
87448 Waltenhofen  
Germany

Telefon +49 (0) 8303 92 95 09-0  
Fax +49 (0) 8303 92 95 09-99

info@gertec-gmbh.de  
www.gertec-gmbh.de

Kolloidalgut  
GERTEC