

**NEW TEKNOSPEED**



TEKNOSPEED Series of  
Variable Speed Electric Pumps  
and Pressure Booster Units



• Needs limited space?  
Large pressure vessels are no longer needed for control of the pumps

## CONSTANT PRESSURE CONTROL

Teknospeed: the new range of variable speed electric pumps and pressure booster units for constant pressure applications utilizing an integral frequency converter in the pump.

## USER COMFORT

- **Constant pressure at your outlet.**  
No more temperature variations when using water at home (the mixture of hot and cold water does not change even if other taps are opened).



## SILENT RUNNING

- **Sleep well with Teknospeed pumps.**  
The motors work at variable speed and consequently have a reduced noise level.



## ENERGY SAVING

- **The pump pays for itself in a very short time.**  
With the new frequency converter, the pumps only consume the power that is strictly necessary.

## RELIABILITY

- **Constant flow of water.**  
If one of the two pumps in a Teknospeed unit fails, the other pump can work on its own.



## EXTENDED PUMP LIFE-TIME

- **Minimum maintenance.**  
The variable speed motor reduces mechanical stress on the pump components and water hammering during stopping.

- **Maximum performance even in critical operating conditions.**

The PFC (Power Factor Controller) circuit maintains the required pressure even in the event of mains voltage fluctuations (sinusoidal input).



## QUICK AND EASY INSTALLATION





- **Connect and go!**  
Easy to install and use, the Teknospeed pumps are supplied with a cable, plug and pressure transmitter; they can be adjusted by turning the potentiometer while the pressure is read directly on the pressure gauge.

- **Pump protection.**  
The system is fitted for use with a float switch to protect the pump from running dry.

# PRODUCT RANGE

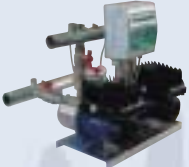


## TECHNICAL DATA (HYDRAULIC PERFORMANCE AT 50HZ)

**TEKNOSPEED VARIABLE SPEED ELECTRIC PUMPS: SINGLE-PHASE POWER INPUT** 1 x (230 ± 10%) V 50/60 Hz  
the supply includes a pressure transmitter, a power cable with plug and a motor heat probe (PTC).

PUMP TYPE*		Rated P [kW]	Input I [A]	Q1 [l/min]	Q2 [l/min]	H1 [m]	H2 [m]
<b>TKS/HMZ HORIZONTAL MULTI-STAGE WITH PLASTIC IMPELLERS</b>							
	TKS/2HM3ZT	0.3	2.3	20	70	20.0	7.9
	TKS/2HM5ZT	0.55	3.5	20	70	40.0	16.5
	TKS/2HM7ZT	0.75	4.9	20	70	50.8	20.5
	TKS/4HM4ZT	0.45	3.0	40	120	19.3	7.6
	TKS/4HM5ZT	0.55	3.5	40	120	28.6	11.5
	TKS/4HM9ZT	1.1	6.8	40	120	49.9	21.2
<b>TKS/BG SELF-PRIMING WITH AISI 304 STEEL IMPELLERS</b>							
	TKS/BG7	0.75	4.9	20	60	38.1	25.6
	TKS/BG11	1.1	6.8	20	70	45.8	30.3
<b>TKS/CA-CEA WITH AISI 304 STEEL SINGLE/TWIN IMPELLERS</b>							
	TKS/CEA80/5	0.75	4.9	30	100	30.0	21.0
	TKS/CEA120/5	1.1	6.8	60	160	28.2	17.3
	TKS/CA70/33	0.75	4.9	30	80	38.8	23.9
	TKS/CA70/44	1.1	6.8	30	80	49.5	34.0
<b>TKS/SV VERTICAL MULTI-STAGE WITH AISI 304 STEEL IMPELLERS</b>							
	TKS/SV206F07T	0.75	4.9	20	70	56.0	22.0
	TKS/SV208F11T	1.1	6.8	20	70	75.0	30.0
	TKS/SV404F07T	0.75	4.9	40	133	34.0	10.0
	TKS/SV407F11T	1.1	6.8	40	133	59.5	18.0

For details about the materials of the pump components, please see the General Catalogue

**TEKNOSPEED VARIABLE SPEED TWIN-PUMP UNITS: SINGLE-PHASE POWER INPUT** 1 x (230 ± 10%) V 50/60 Hz

UNIT TYPE*		Rated P [kW]	Input I [A]	Q Min [l/min]	Q Max [l/min]	H Max [m]	H Min [m]
<b>GTKS20/HMZ HORIZONTAL MULTI-STAGE WITH PLASTIC IMPELLERS</b>							
	GTKS20/2HM5ZT	2 x 0.55	7.0	40	140	40.0	16.5
	GTKS20/2HM7ZT	2 x 0.75	9.8	40	140	50.8	20.5
	GTKS20/4HM5ZT	2 x 0.55	7.0	80	240	28.6	11.5
	GTKS20/4HM9ZT	2 x 1.1	13.6	80	240	49.9	21.2
<b>GTKS20/CA WITH AISI 304 STEEL TWIN IMPELLERS</b>							
	GTKS20/CA70/33	2 x 0.75	9.8	60	160	38.8	23.9
	GTKS20/CA70/44	2 x 1.1	13.6	60	160	49.5	34.0
<b>GTKS20/SV VERTICAL MULTI-STAGE WITH AISI 304 STEEL IMPELLERS</b>							
	GTKS20/SV206F07T	2 x 0.75	9.8	40	140	56.0	22.0
	GTKS20/SV208F11T	2 x 1.1	13.6	40	140	75.0	30.0
	GTKS20/SV404F07T	2 x 0.75	9.8	80	266	34.0	10.0
	GTKS20/SV407F11T	2 x 1.1	13.6	80	266	59.5	18.0

For details about the materials of the pump components, please see the Pressure Booster Unit Catalogue

\*Frequency converter connected to a three-phase pump with a 230 V delta connection

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