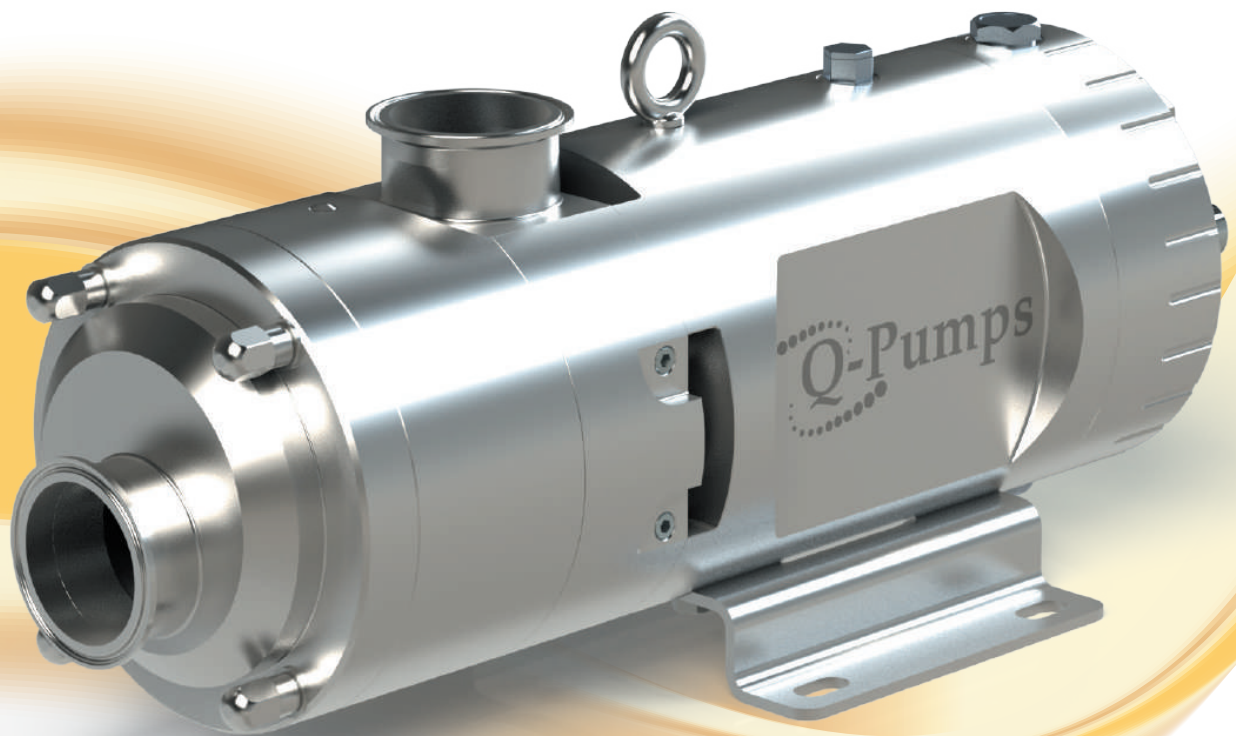


QTS SERIES

TWIN SCREW PUMPS FOR INFINITE APPLICATIONS



www.qpumps.com

QTS SERIES

The QTS is a twin screw pump, 100% sanitary and ideal as a process pump and CIP, which reduces costs and maintenance times. Available with rectangular inlet. Ideal for products with high air or gas content. Certifications: 3-A, FDA and EHEDG



850 GPM / 3,218 LPM



up to 1,000,000 cP



362 psi / 25 bar
693 ft / 211m



120°C / 248°F

CHARACTERISTICS

- Self-priming
- Manufactured 100% in stainless steel, wet parts in SS 316L.
- Speed up to 3,000 rpm.
- Handling products with up to 60% air content.
- Line clamp connections (DIN, SMS, Bevel Seat)
- Stainless steel base available for NEMA or IEC.
- Options available in other materials such as Hastelloy C-276 **
- Certified by EHEDG (no.UT 033018) and 3-A (No. 1805)

ADVANTAGES

- Free of pulsations and constant flow
- Handling of soft solids and abrasive products
- 100% CIP * at high speeds and 100% drainable
- Easy assembly and disassembly
- There is no contact between rotor and housing working at high pressures.
- Ideal as a process and CIP pump.
- Large suction capacity that eliminates low NPSH problems.
- Bidirectional: retrieve product online

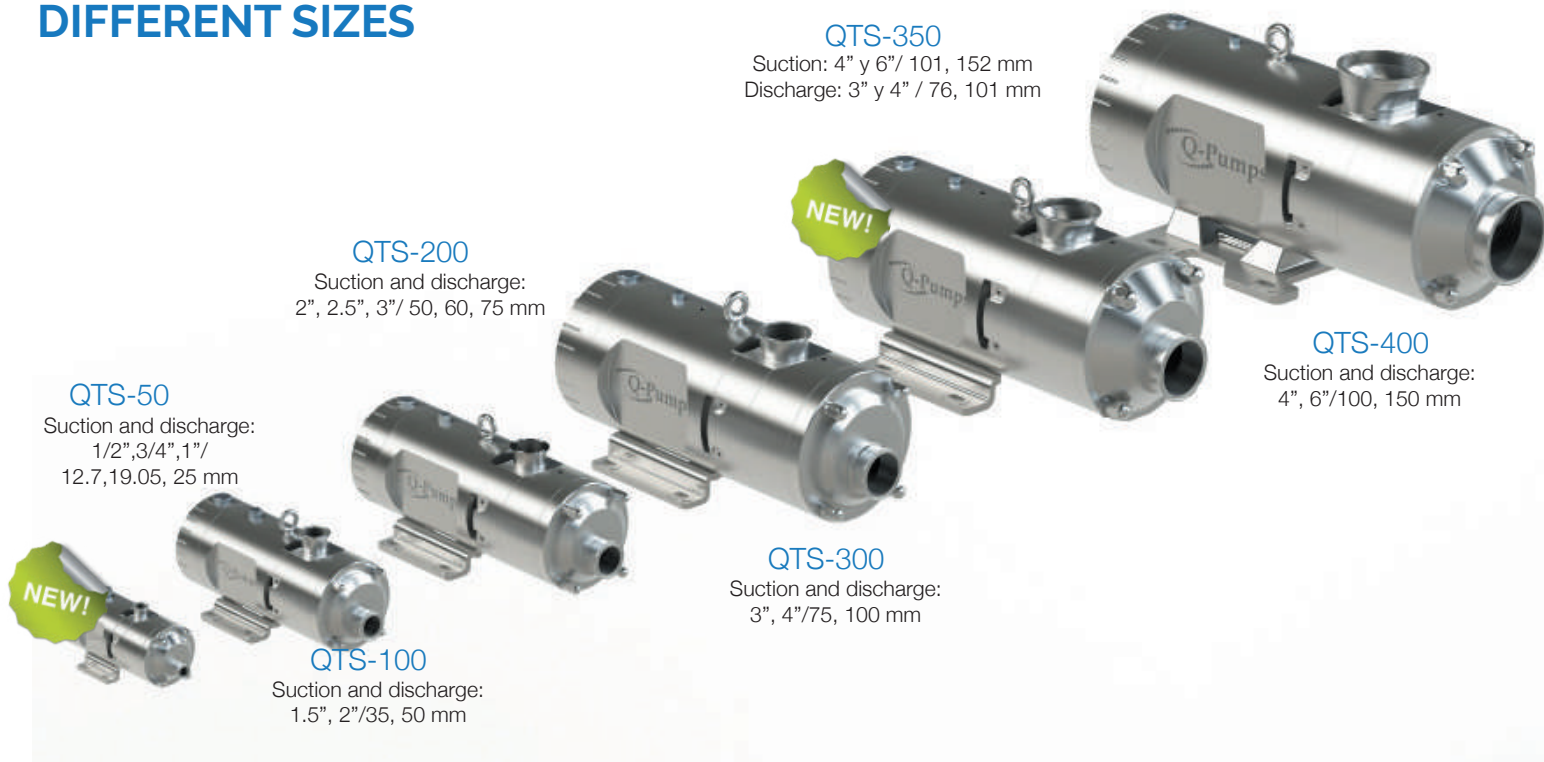


* Only available for mechanical seals

** In all the parts in contact with the product

INNOVATING POSITIVE DISPLACEMENT

DIFFERENT SIZES



AVAILABLE SEALS

Mechanical Seal



- Long useful life
- Cleaner (EHEDG)
- Can work in vacuum up to -12 psi / 0.83 bar
- High pressure and speed management
- Ideal for abrasive products
- Single or double

O-Ring Seal



- Economic option
- It can be replaced quickly
- Easy maintenance
- Ideal for soft products (glycerin, creams, fats, etc.)
- EPDM and Viton

Lip Seal



- Handles abrasive products
- Does not require lubrication

RECTANGULAR INLET

Q-Pumps is the only manufacturer of pumps in twin screw that offers the widest range of different options for rectangular entrances, allowing the user to select the one that best suits their production processes.

- Ideal for pasty products such as meats and doughs.
- High viscosity handling (100,000 to 1,000,000 cP).
- Ideal for productst with high air or gas content.
- Perfect for vacuum applications with high and low viscosity products.
- Ideal for applications with low NPSHd
- CIP capacity



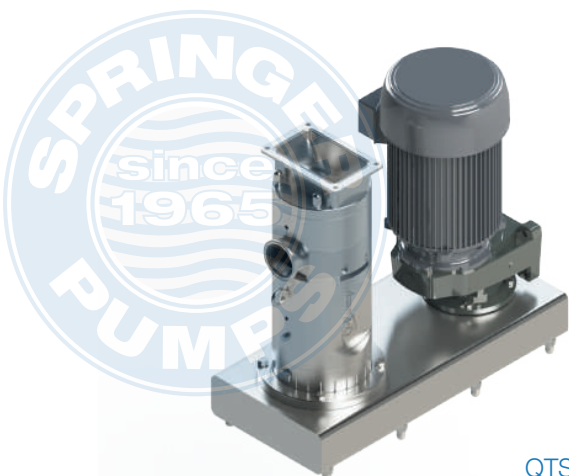
QTS-3R4-HM4



QTS-3R4-HM



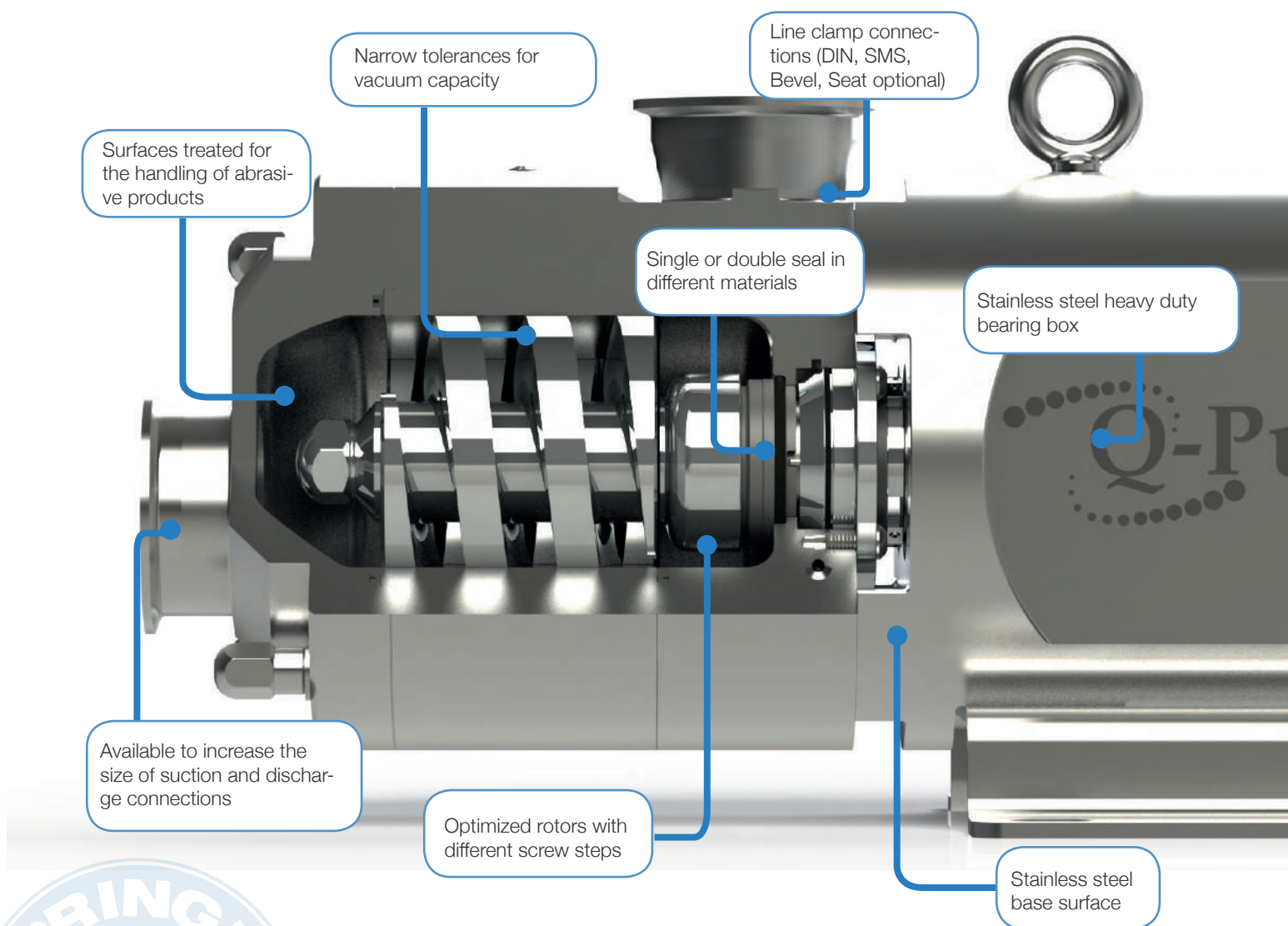
QTS-3R4-VM1



QTS-3R4-VM2



QTS-3R4-VM3



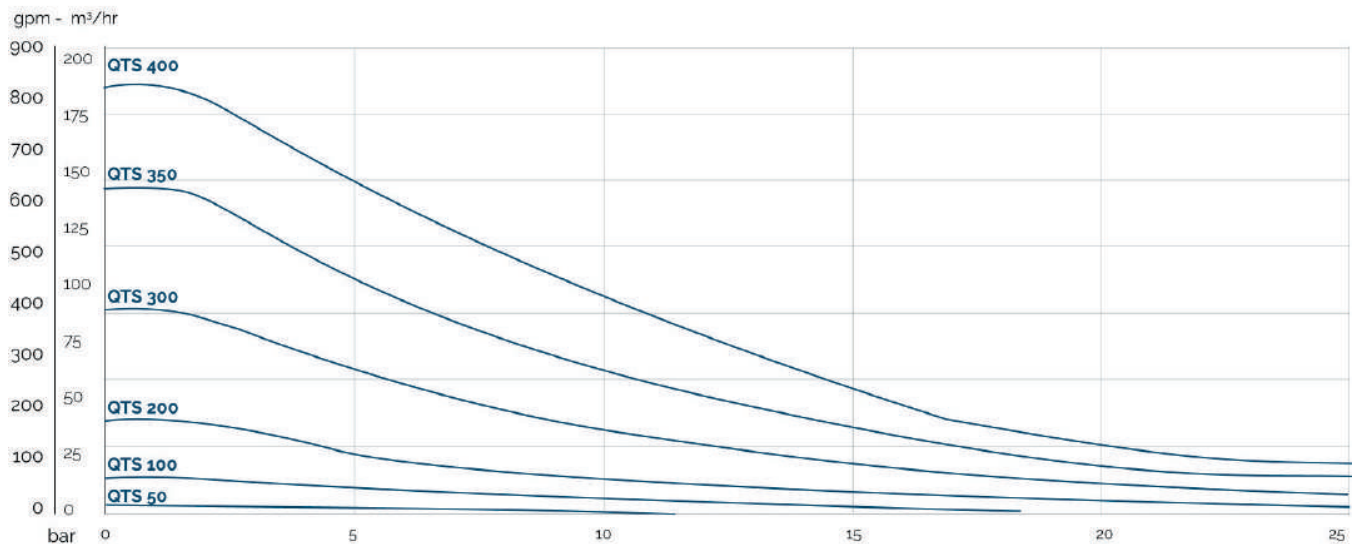
With different screw options for solids handling



QTS SERIES

TWIN SCREW PUMP FOR INFINITE APPLICATIONS

Model	Maximum Capacities				Port sizes	Differential Pressure	Viscosity	Temperature
	gpm		lpm					
	Application	CIP	Application	CIP				
QTS 50	7.5	15	30	60	1/2", 3/4", 1"	up to 360 psi/25 bar	up to 1 000 000 cP	up to 300 °F (120 °C)
QTS 100	35	70	132	265	1.5", 2"			
QTS 200	93	185	352	700	2", 2.5", 3"			
QTS 300	223	405	844	1533	3", 4"			
QTS 350	399	642	1510	2430	3", 4", 6"			
QTS 400	570	850	2158	3218	4", 6"			



**Curves only for reference

Distributed by:

Scan the following code for more information about the dimensions



Q-Pumps

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