



Twin Screw Pump  
**WANGEN Twin**

A  
**hygienic**  
class  
of its own:

The new  
generation  
of the  
**WANGEN**  
**Twin.**



The newest WANGEN Twin generation

## Form and technology in perfection

### Highest level of service friendliness

- Spindle change without re-synchronisation of the spindle shafts, enabled by WANGEN PUMPEN's **fast-X-change®** technology.
- Seal change simple and fast as a result of **cartridge construction** design.
- Alignment of the coupling by a self-centering flange housing (lantern optionally available). As a result, no re-alignment of the coupling is needed, e.g. after service activities.



### Large pressure range

16 - 25 bar operating pressure (according to pump size and implementation).

### Extended application possibilities

Thanks to higher differential pressure and a higher flow rate through extended spindle selection (gradient).

### Gentle conveying and cleaning CIP in one pump

due to optimized and technically-refined flow characteristic behaviour.

### Maximum connection flexibility

through numerous nozzle variants.

### Easy handling

Handles on the housing for attachment, e.g. of carrier loops or belts.

### Long service life

among other things by further developed shafts.

#### Further highlights

- Position-independent installation of the pump possible
- 100 % backwards-compatible to the preceding WANGEN Twin generation.
- Bearing housing available in stainless steel and grey cast iron (galvanized and high-quality coated)
- Pump available with or without direct flange mounting on the drive.
- Extended, flexible drive selection.



Pump size	Maximum free ball passage (mm)	Max. flowrate (m <sup>3</sup> /h) at viscosity 1 mPa·s	Maximum peak pressure (bar)
Twin 70	20	25 (at 4000 min <sup>-1</sup> )	30
Twin 104	25	60 (at 3600 min <sup>-1</sup> )	30
Twin 130	30	100 (at 3000 min <sup>-1</sup> )	25
<b>NEW</b> Twin 180	40	200 (at 2600 min <sup>-1</sup> )	20

### Conveyed media (examples)

#### **Food and Beverages:**

- Drinks: Direct juice, concentrate, mash, pulp, yeast.
- Dairy products: Yoghurt, curd, cheese, pudding, butter.
- Sauces: Ketchup, mayonnaise, mustard, soup, salad sauces.
- Confectionery: Chocolate, fondant, liquid sugar, rework, sugar, dough.
- Fruits: Strawberries, blueberries, cherries.
- Meat-based: Minced meat, sausage meat, pet food.

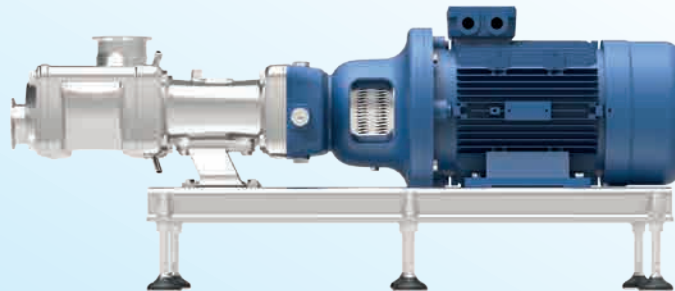
#### **Cosmetics:**

- Care products: Cream, ointment, lotion.
- Cleaning products: Soap, shampoo, body wash.

#### **Chemical products:**

- Coatings: paints, lacquers.
- Connection products: Adhesive, glue, binding agent.
- Base materials: Suspensions, solutions, additives.

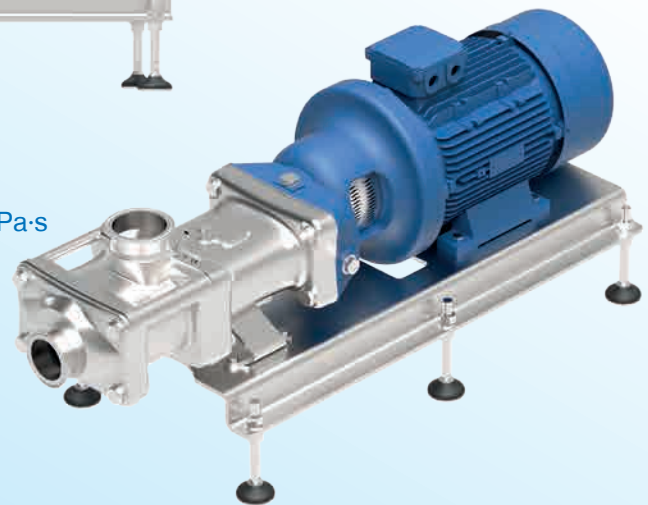




WANGEN Twin 104  
with stainless steel housing  
on baseplate with adjustable feet

#### Technical highlights:

Flowrate: viscosity: up to 200 m<sup>3</sup>/h  
Temperature: up to 1.000.000 mPa·s  
up to +130 °C



#### Tested quality

WANGEN PUMPEN Quality management is certified to ISO 9001:2008.



#### Certified sustainability

The WANGEN PUMPEN environmental management is certified according to ISO 14001:2004.



Your contact:

#### Flowtrend, Inc.

11512 Space Center Boulevard  
Houston, TX 77059  
+1 281 990 8582  
info@flowtrend.com  
www.flowtrend.com

#### Pumpenfabrik Wangen GmbH

Simoniusstrasse 17  
88239 Wangen im Allg.  
Germany  
www.wangen.com

Technical consultation: +49 7522 997-0  
Service hotline: +49 7522 997-997  
Spare parts: +49 7522 997-896