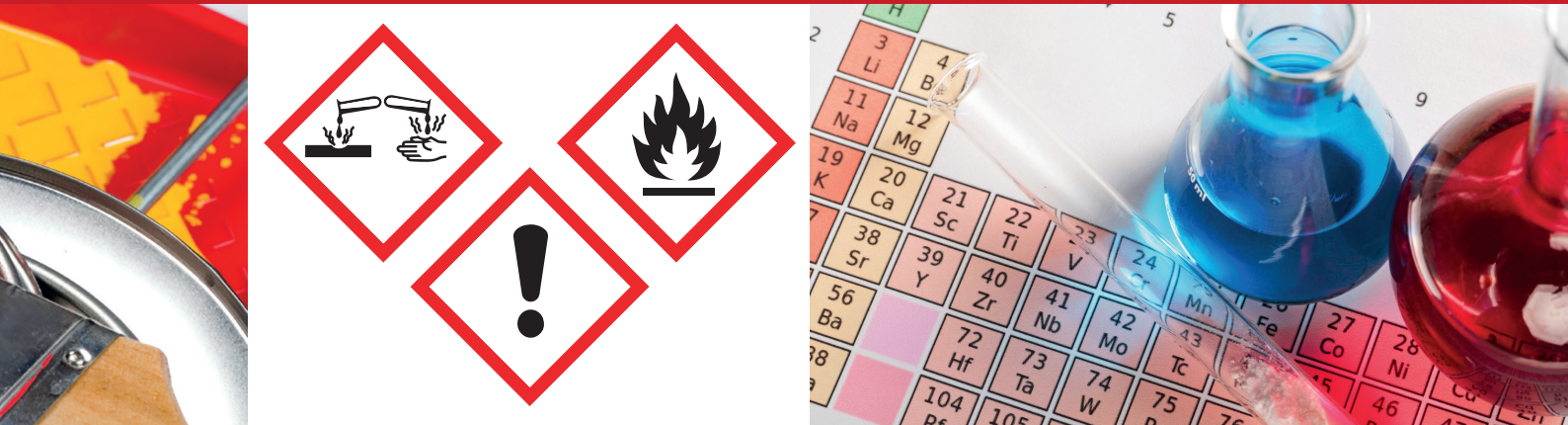


Product Catalogue 2022

# Mixers, Agitators, Lifting- & Heating Systems



## Mixers for IBCs, containers and drums



- High speed mixers
- Gear drive agitators
- IBC container mixers
- Stands- & lifting equipment
- Agitator elements
- Storage- & dosing tanks
- Heating



# Mixers for IBCs and drums

The reliable mixers are intended for e.g. chemicals and other media with water-like viscosity. The mixers are made of stainless steel versions coated with PP, PVC and / or PVDF to achieve the best chemical resistance.

Speed: 1.500 / 1.000 or 750 rpm  
Power: 1,5 / 1,1 / 0,75 or 0,55 KW  
Impellertypes: Propel, turbine or dissolver-disc.



The mixers can be delivered with:

- Protection- and sealing flanges in resistant materials
- Tank clamping equipment
- Lifting beams for drums and IBCs

## Gear driven agitators

Standard Pumps Europe offers a range of both standard gear-driven agitators and special designs for viscous media up to max. 6,000 mPas.

The different gear types come from leading German manufacturers, which ensures reliability and a high quality agitator.

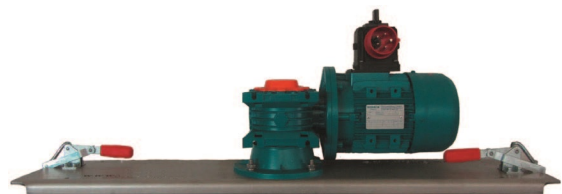
Speed: 246 / 179 or 125 rpm  
Power: 2,2 / 1,5 / 1,1 / 0,75 or 0,55 KW

The agitators can be supplied for many different tasks and offered in several versions.



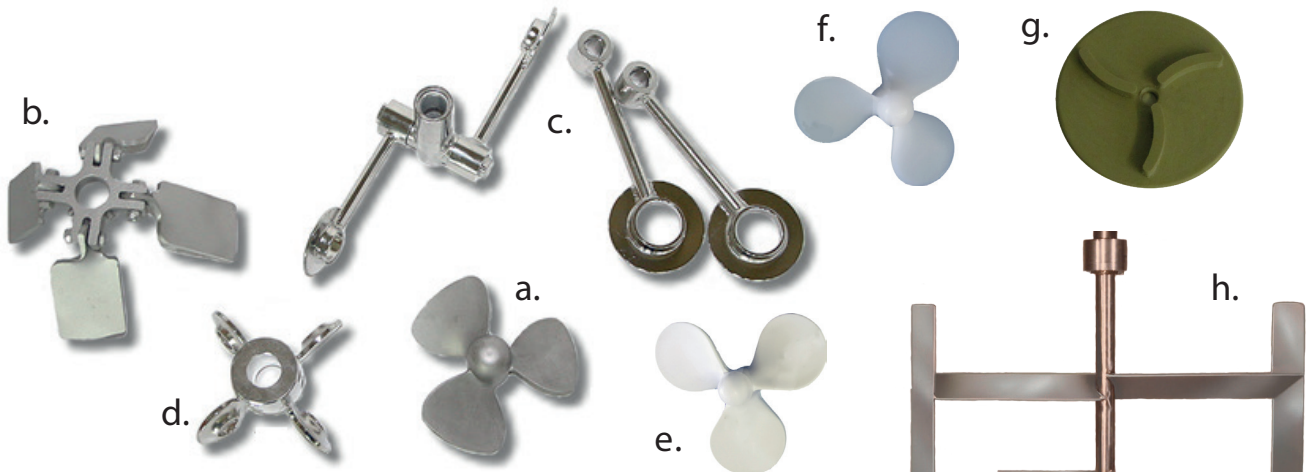
*Left: the traverse can also be delivered in an adjustable version*

*Right: Angled motor mounted on a traverse for pallet tanks*



## Impellers for different task types

Standard Pump Europe can offer a wide range of impellers, each with special properties. Which impeller is chosen depends on the nature of the task, where e.g. viscosity, resistance and temperature are taken into account. Examples:



- a) 3-blade turbine propeller / Ø 138mm (for IBC containers with Ø 140mm hole)
- b) 4-blade folding propeller with hinged blades (folded) Ø 110mm / full size 340mm
- c) 2-arm conical propeller (folded Ø 300/400/500mm)
- d) Residual amount propeller with 4 blades (Ø 138m)
- e) 3-blade turbine propeller in Polypropylene
- f) 3-blade turbine propeller in PVDF
- g) Turbine in PP (Ø 80 - 130mm)
- h) Agitator made of stainless steel

*Agitators can be designed in both plastic and stainless steel for different types of tasks.*

### Connection

The mixers & agitators are available for both:  
230 Volt input, 10A, 1-phase  
and  
400 Volt input, 16A, 3-phase



## Stands and lifting equipment

For IBCs, drums and other containers, we can offer single-handed operated workstations designed for the desired container type. The racks are available as complete agitator stations.

- **Stationary**
- **Wall-mount**
- **Mobile**

The range includes both standard wall-mounted and various stationary and mobile solutions for the floor. The racks are primarily made of aluminum profiles. Custommade designs are also offered.

The lifting equipment can be operated manually, electrically or pneumatically.



*Stationary solution in aluminum with agitator for painting.*



*Wall-mounted stand for operation of agitator with dissolver disc*



*Mobile solution in aluminum for drums and IBC tanks.*



Special designs developed and produced according to customer requirements and application type. Quality designs that will last for many years. Examples:

## Mixer for standard drums.

Mixer for agitation in 60 and 200 liter drums. The mixer is equipped with hinged and especially high-performance propeller blades. The propeller blades open up when the shaft starts to rotate.

Motor: 0,37 & 0,75 kW  
Speed: 900 & 1450 r/min  
Shaft length: 520 & 850 mm



## Agitator for aggressive media.

Special agitator made of PP for the excellent chemical resistance. Designed for a circular plastic tank for chemistry.



## Agitator for wastewater treatment.

Specially made agitator with skimmer for wastewater treatment.



## Customized solutions

Standard Pump Europe also offers mixer and agitator solutions for more specialized tasks. Depending on the specific task, we can design an engineered solution that handles your task. Examples:

### For smaller tanks.

For IBC tanks 300/600/800 L's, narrow traverses are used. Shown here is a mixer solution with on/off switch for 400V (3-phase) and with an IP65 frequency converter. The unit can be lifted/mounted with a forklift.



### In plastics for the chemical industry.

Specially made of Polypropylene due to excellent resistance to chemicals. The mixer is equipped with a frequency converter.



### Safety in connection with addition.

To optimize the safety and mixing of foreexample light powder and liquid, a solution with a funnel has been designed. The mixing can take place safely with the lid closed.



### Mixing of powder and liquid.

A special solution for a special task. Powdered additives need to be added to a liquid, but immediately the powdered additive floats on top. The solution with a propeller at the top and a dissolver disc at the bottom, causes the liquid and additive to perfectly mix together.



# SPE Barrel Mixers

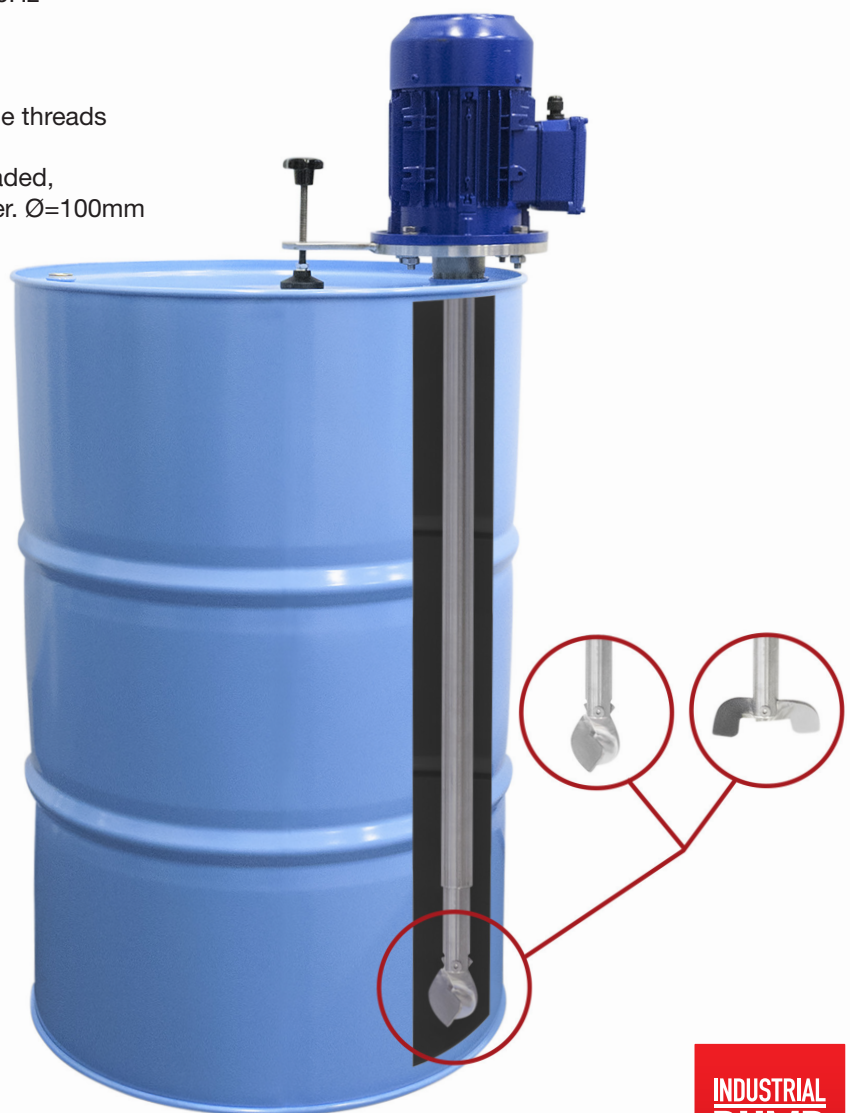
## New high efficiency mixers for mixing directly in all types of barrels

- Made from high quality stainless steel, 1.4571
- Direct installation in standard barrels.
- Special high efficiency hinged propeller
- Additional support – no vibrations

## Technical Specifications

<b>Part Number</b>	<b>SPE-M0060</b>
<b>Motor</b>	0,37W
<b>Power Supply</b>	3x230/400V, 50Hz
<b>Speed</b>	900 r/min
<b>Shaft Length</b>	520 mm
<b>Material in contact with liquid</b>	SS, 1.4571
<b>Drum Connection</b>	2" (51 mm) male threads
<b>Weight</b>	13,5 kg
<b>Mixing Element</b>	Special two bladed, hinged propeller. Ø=100mm
<b>Design Viscosity</b>	500Cp

<b>Part Number</b>	<b>SPE-M0200</b>
<b>Motor</b>	0,75 kW
<b>Power Supply</b>	3x230/400V, 50Hz
<b>Speed</b>	1450 r/min
<b>Shaft Length</b>	850 mm
<b>Material in contact with liquid</b>	SS, 1.4571
<b>Drum Connection</b>	2" (51 mm) male threads
<b>Weight</b>	App. 18 kg
<b>Mixing Element</b>	Special two bladed, hinged propeller. Ø=100mm
<b>Design Viscosity</b>	500Cp





# Heating Jackets (AtEx incl.) for 200 ltr. drums and 1000 ltr. IBC

Standard Pump Europe's heating jackets are the right solution for keeping media at the required temperature. They are made of water resistant materials and are IP 40 classified (IP54 on request). The heating jackets come with quick release buckles for easy installation and removal. All our heating jackets are supplied with 3 meters of braided power cable and fitted with a 0 to +90°C capillary thermostat. The heating jackets are suitable for metal, PP, PE drums and containers.



## Heating Jackets for 200 ltr. drums

**Part Number** SPE-0200-00  
**Power** 230V AC – 1 x 1200 W  
**Dimensions** 1990 x 800 mm  
**Temperature** 0 – 90°C

**Part Number** SPE-0200-01  
**Power** 230V AC – 1 x 530 W  
**Dimensions** 1990 x 450 mm  
**Temperature** 0 – 90°C

**Part Number** SPE-0200-LID (to be ordered separately)  
Insulation lid for 200 ltr. drums

## High Temperature Heating Jacket for 200 ltr. drums

**Part Number** SPE-0200-02  
**Power** 230V AC – 1 x 1200 W  
**Dimensions** 1990 x 800 mm  
**Temperature** 0 – 200°C

**Part Number** SPE-0200-LID (to be ordered separately)  
Insulation lid for 200 ltr. drums



## Heating Jackets for 1000 ltr. IBCs

**Part Number** SPE-1050-02  
**Heating Zones** 2  
**Power** 230V AC – 2 x 1000 W  
**Dimensions** 4400 x 1000 mm  
**Temperature** 0 – 90°C

**Part Number** SPE-1050-03  
**Heating Zones** 3  
**Power** 230V AC – 3 x 1000 W  
**Dimensions** 4400 x 1000 mm  
**Temperature** 0 – 90°C

**Part Number** SPE-1050-LID (to be ordered separately)  
Insulation lid for IBC



## Base heater for 200 ltr. drums

**Part Number** SPE-0200-BASE  
**Diameter** 550 mm  
**Thermostat** 0 – 120°C  
**Power** 230V – 900W

# AtEx Heating Jackets for 200 ltr. drums and 1000 ltr. IBC

Standard Pump Europe's heating jackets for the AtEX are the right solution for heating and maintaining media at the required temperature. They are made of water resistant materials and are IP 65 classified. The AtEx heating jackets come with quick release buckles for easy installation and removal. The heating jackets are suitable for metal and PE drums and containers. Complete PTFE-(Teflon®) coating for maximum long-life cycle and highest reliability against acids, solvents etc.



Heating jacket

## AtEx Heating Jackets for 200 ltr. drums

<b>Part Number</b>	SPE-0200-EX
<b>Power</b>	230V AC – 1 x 1050 W
<b>Heating Element</b>	Self-limiting
<b>Temperature Range</b>	To be specified
<b>Dimensions</b>	1990 x 800 mm

<b>Part Number</b>	SPE-0200-LIDEX (to be ordered separately) Insulation lid for 200 ltr. drums
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## AtEx Heating Jackets for 1000 ltr. IBCs

<b>Part Number</b>	SPE-1000-EX
<b>Heating Zones</b>	2
<b>Power</b>	230V AC – 1 x 1500 W
<b>Heating Element</b>	Self-limiting
<b>Temperature Range</b>	To be specified
<b>Dimensions</b>	4400 x 1000 mm

<b>Part Number</b>	SPE-1000-LIDEX (to be ordered separately) Insulation lid for IBC
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## Technical Specifications

<b>Heating Element</b>	Self-limiting
<b>Ambient Temperature</b>	- 55°C – + 55°C (jackets for higher temperature on request)

### Directive and Classification

AtEx 2014 / 34 / EC – II 3G Ex e II T2 – T5



Insulation lid



Heating jacket

# Lifting Device Systems for Drum Pumps and Motors



## Device for lifting drum pumps with motors in and out of IBC containers or drums

<b>Description</b>	Stand with pneumatic lifting mechanism
<b>Max. Lifting Weight</b>	90 kg
<b>Power Supply</b>	Depending on the mounted equipment (drump pump or mixer). Automatic on/off at upper- and lower end of lifting range

### Outer Dimensions (mm):

<b>Outside</b>	1010 mm x 1600 mm
<b>Inside</b>	850 mm (to fit to an IBC container)
<b>Heights</b>	App. 2.000 mm
<b>Total Lift</b>	App. 1.250 mm
<b>Total Height</b>	App. 2.900 mm

### **Material/Construction:**

#### **Anodized Extruded Aluminium Profile**

80 mm x 80 mm

#### **Wheels**

2 x swivel castors, 2 x fixed castors

#### **Assembled**

Semi

## Basic Lifting Device



<b>General Description</b>	Stand with manual winch
<b>Max. Lifting Weight</b>	60 kg
<b><u>Outer Dimensions:</u></b>	
<b>Height</b>	2700 mm
<b>Length</b>	1400 mm
<b>Width</b>	1200 mm
<b>Shipping Weight</b>	52 kg
<b>Materials</b>	Power coated steel
<b>Wheels</b>	2 x swivel castors 2 x fixed castors
<b>Assembled</b>	Semi

# INDUSTRIAL PUMP

## Additional Markets Served:



SPE Drum Pump  
Industrial- and Sanitary Line



Pure Pump  
– AODD Series



PlusAir AODD Pumps  
Industrial and FDA compliant



AdBlue  
– DEF Pumps



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