

Agitators

For a wide range of media and applications with unpressurised containers and pressure/vacuum vessels



SCHNEIDER

Maschinenbau GmbH

www.pumpen-schneider.de



Agitators Series Viticulture

High-performance stainless steel devices for low-viscosity media. The movable agitator shaft and the hinged propeller make it possible to insert the device into filled containers from the side, via a ball valve or a tank flap without loss of liquid. With the frequency inverter series: FU fitted, even small quantities can be stirred particularly gently.

Technical data

Available in 3 versions,
Speed 1400 RpM

Version	For container	Motor	Weight
Size 1	up to 10000 l	400 V / 0,37 kW	14 kg
Size 2	up to 23000 l	400 V / 0,75 kW	19 kg

Standard equipment:

- High-quality mechanical seal
- Motor protection switch
- 10 m cable
- incl. 16 A CEE phase inverter

With mounted frequency inverter – Series: FU
Speed 300 – 1400 RpM

Version	For container	Motor	Weight
Size 1-FU	up to 10000 l	400 V / 0,37 kW	16 kg
Size 2-FU	up to 23000 l	400 V / 0,75 kW	22 kg



AL series agitator

In closed pressurised tanks as well as lateral installation below the liquid level and in the tank bottom. Equipped as standard with stainless steel flange and sealing lantern. Single mechanical seal as standard. During the agitating process, mechanical seals must always be flushed so that the frictional heat is dissipated and the sliding surfaces receive sufficient lubrication.

Drive

Standard motors with protection class IP 54 (IP 55). Agitators can be supplied with motors of different speeds.

Agitator shafts and agitator element

The agitator shaft is balanced and firmly connected to the bearing shaft. The agitating element is a propeller agitator with high efficiency.

Material

1.4301/1.4571

Standard equipment:

Stainless steel flange and sealing lantern

Optional:

- Motor protection switch
- 10 m cable
- CEE plug



Agitator series ARV

For stirring and mixing processes in almost all viscosity ranges. Installation is stationary, in open or closed, un-pressurised vessels. Equipped with a sealing lantern/VA flange, this device can be fitted with a ring seal, which allows installation in pressurised containers.

Drive

Worm geared motor with reinforced bearings. Motors with different speeds can be flange-mounted as an option.

Agitator shafts and agitator element

The agitator shaft is firmly connected to the bearing shaft by means of a feather key and tie bolt. Shaft replacement is possible. The agitator is a disc agitator with two or four blades, 45° or 90° position or a 3-blade propeller agitator.

Standard equipment:

- High-quality mechanical seal
- Motor protection switch
- 10 m cable
- incl. 16 A CEE phase inverter

Schneider Maschinenbau GmbH specializes in the development, production and sale of food pumps and agitators. We became known for our impeller pumps, a robust and versatile pump that is highly regarded by winegrowers and can be found in all winegrowing regions in Europe.

In addition to the food industry, our products are also used in the chemical and pharmaceutical industries. We attach great importance to the quality of our products, short delivery times and individual customer requirements. Modern production and in-house design guarantee a high standard of quality.

Our Products

Impeller pumps / Progressing cavity pumps / Agitators / Flotation systems Flow meters / Steam generators / Control system: Pressure control, dry-running protection, frequency inverter, app / Pressure control for progressing cavity pumps for feeding chamber filter presses Vario Control



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