



Jongia Mixing Technology

FIRMENPRÄSENTATION

www.jongia.com



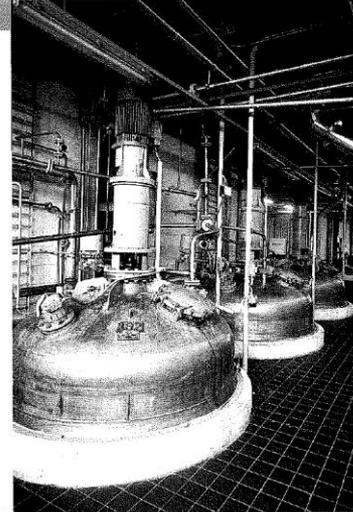
FIRMENGESCHICHTE JONGIA

- 1937 familiengeführtes Unternehmen in Friesland.
- 1960 Jongia spezialisiert sich auf Anwendungen in der gesamten Lebensmittelindustrie.
- 1979 Einführung eines kompletten Sortiments von Misch- und Rührwerken für die chemische Industrie.
- 1992 Jongia wird von der Gruppe Stibbe Management übernommen.
- 2004 Jongia entwickelt Anwendungen für die Umweltindustrie (Biogas).
- 2010 Jongia baut internationales Verkaufsnetzwerk aus.

Aktuelle Geschäftszahlen:

- 40 Mitarbeiter
- Umsatz ca. 7,5 Mio.
- Jährliche Umsatzwachstum >10%
- Exportanteil > 50%

jongia-PWV mixers



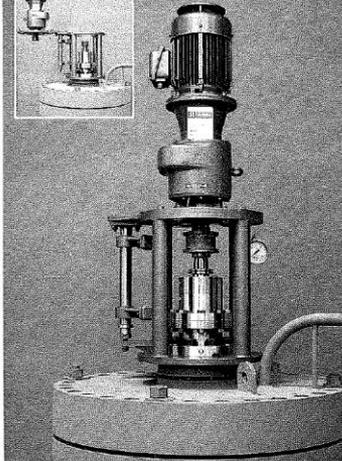
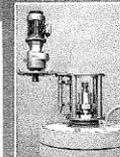
type NPK/NPL

These mixers are fitted with a short stuffing box (code NPK) or a long stuffing box (code NPL).

Application	: Fully closed tanks for working pressures up to approx. 3 bar (type NPK) and up to approx. 10 bar (type NPL) or up to approx. 50 bar in special execution. Shaft length up to approx. 10 meters, without bearing in the tank.
Drive	: Electric-, hydro- or air motor, geared or with variable speed drive, if required. The electric motors can be delivered in totally enclosed, explosion-proof or pressure-tight execution.
Shaft bearing	: Double-row self-aligning spherical roller bearing.
Shaft sealing	: Stuffing box packed with 3 rings (type NPK) or 5 rings, lantern-ring and sealing fluid connections (type NPL). At the stuffing box the shaft is provided with an interchangeable wear-resistant shaft sleeve.
Mixing element	: Type depending on product characteristics and specific mixer duty.
Mounting flange	: Dimensions rated to DIN or ASA.
Material	: Bearing housing made of cast aluminum alloy. Choice of material for parts at product side depending on working conditions.

type NM

These mixers are fitted with a mechanical seal.(code NM).



Application	: Fully closed tanks for working pressures up to approx. 50 bar or high vacuum mixing duties. Shaft length up to approx. 7 meters, without bearing in the tank.
Drive	: Electric-, hydro- or air motor, geared or with variable speed drive, if required. The electric motors can be delivered in totally enclosed, explosion-proof or pressure-tight execution.
Shaft bearing	: Various bearing types, depending on execution.
Shaft sealing	: Single, double, or balanced mechanical seal. The seal used can be of the cartridge type, which combined with a spacer coupling is easily interchangeable. Technical documentation on request.
Mixing element	: Type depending on product characteristics and specific mixer duty.
Mounting flange	: Dimensions rated to DIN or ASA.
Material	: Bearing housing made of cast aluminum alloy or steel. Choice of material for parts at product side depending on working conditions.

Zertifikate



ISO 9001

BUREAU VERITAS
Certification



Marktgebiete

Nahrungsmittel



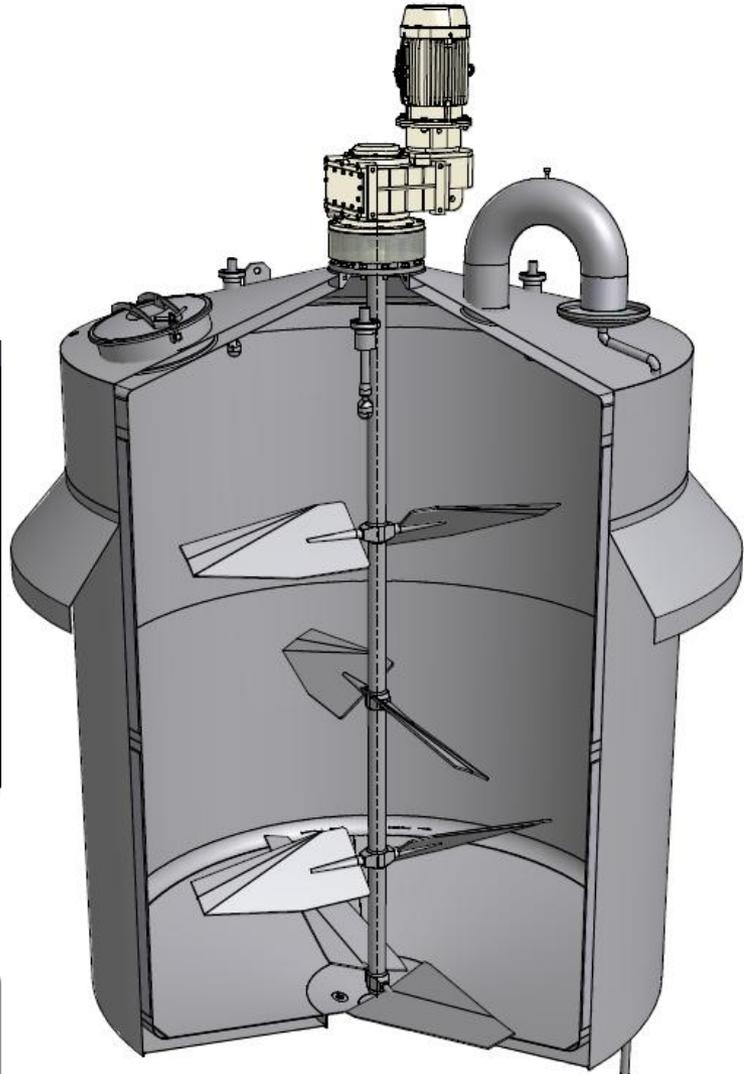
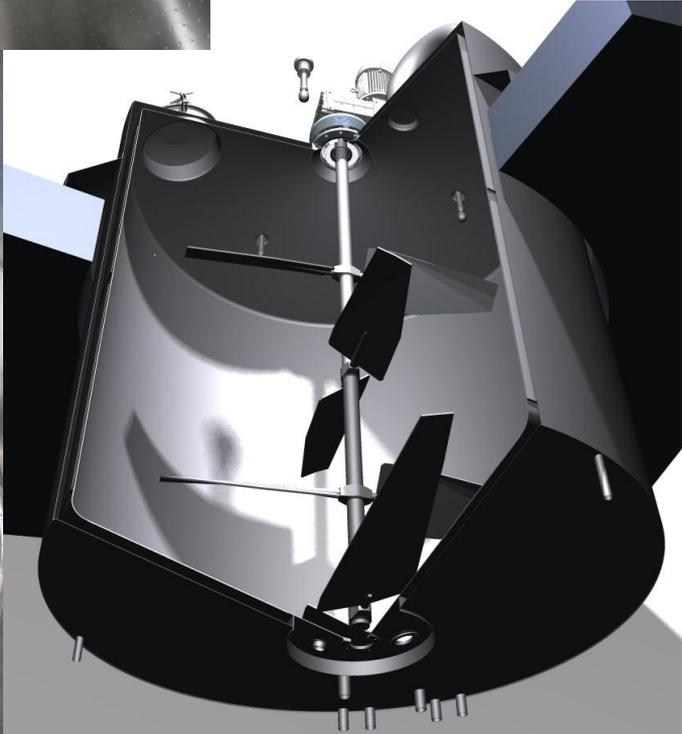
Chemie



Erneuerbare Energie & Abwasser

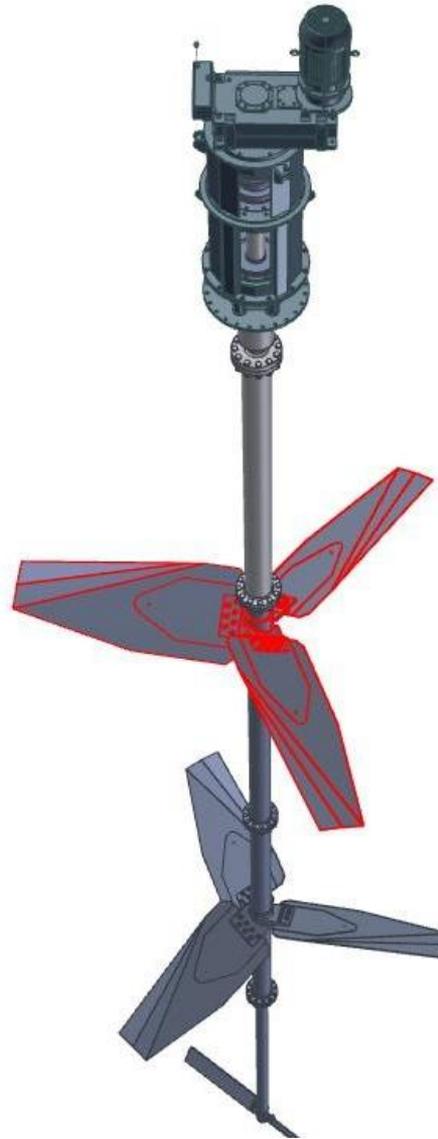


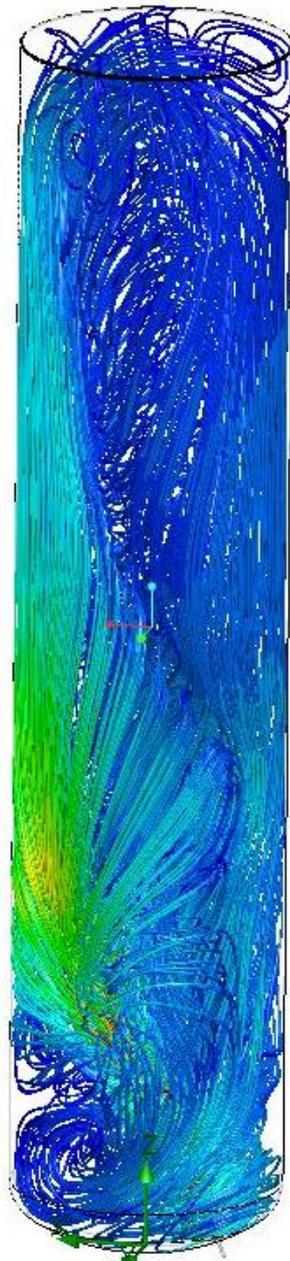
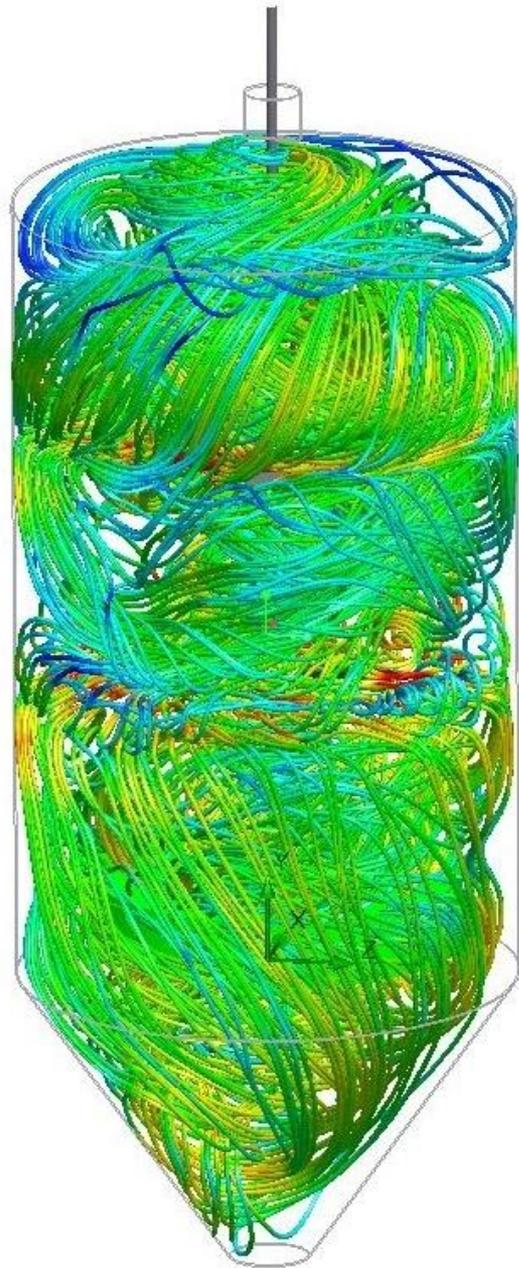
Jongia Anwendungsbeispiele für Nahrungsmittel



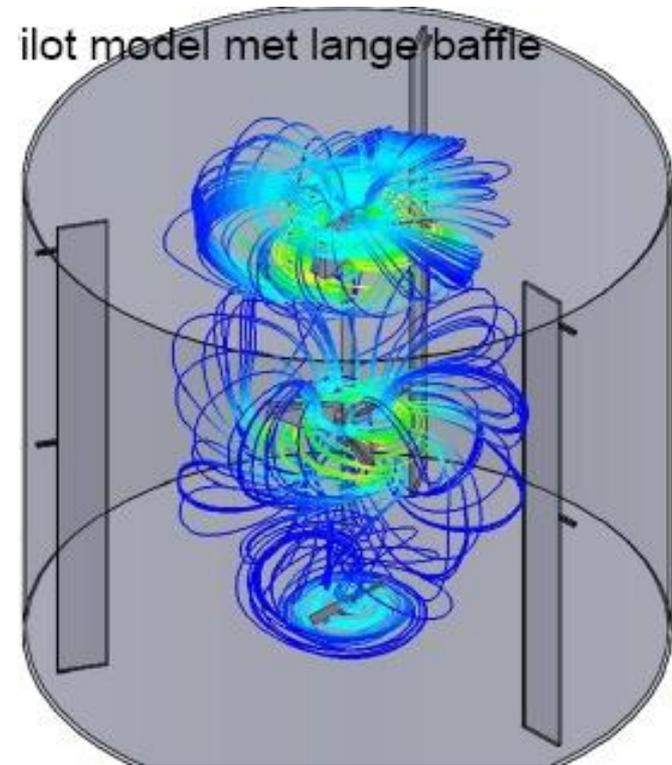


Jongia Anwendungsbeispiele für Biogas und Abwasser

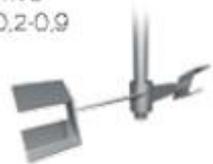




CFD Analyse

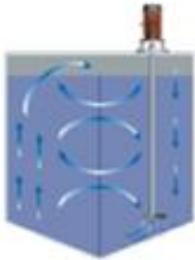


Verschiedene Rührblätter & Formen

<p>Propeller 1-800 cp 3-15 m/s D-d/0,1-</p> 	<p>Hydrofoil 1-25000 cp 1-10 m/s D-d/0,2-0,6</p> 	<p>Trapezium turbine 1-10000 cp 1-10 m/s D-d/0,2-0,6</p> 	<p>Axiaflow turbine 1-50000 cp 1-5 m/s D-d/0,2-0,6</p> 	<p>Anchor 1-100000 cp 1-2 m/s D-d/0,95-1</p> 
<p>Sawblade 1-8000 cp 5-30 m/s D-d/0,1-0,3</p> 	<p>Flatblade/Rushton 1-10000 cp 1-5 m/s D-d/0,1-0,3</p> 	<p>Radialflow turbine 1-50000 cp 1-5 m/s D-d/0,2-0,7</p> 	<p>Cup-mixer 1-8000 cp 3-15 m/s D-d/0,1-0,5</p> 	<p>Gate 1-100000 cp 1-2 m/s D-d/0,9-1</p> 
<p>Counterflow turbine 1-80000 cp 3-15 m/s D-d/0,2-0,9</p> 	<p>Multi counterflow turbine 1-800 cp 3-15 m/s D-d/0,2-0,9</p> 	<p>U/Z turbines 1-50000 cp 1-5 m/s D-d/0,2-0,6</p> 	<p>Combination elements 1-125000 cp 1-15 m/s D-d/0,1-1</p> 	<p>Ribbon >10000 cp 0,1-1 m/s D-d/0,9-0,98</p> 

Strömungsmuster

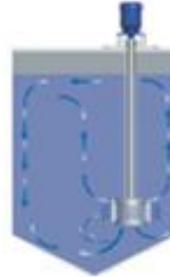
Propeller



Hydrofoil



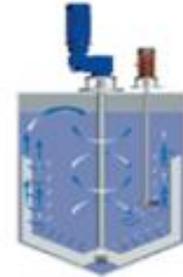
Rotor/Stator High Shear



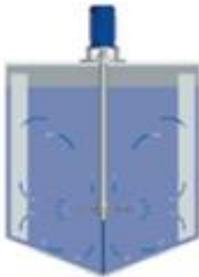
Axialflow Turbine



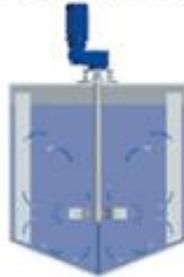
Anchor



Sawblade / Dispersion blade



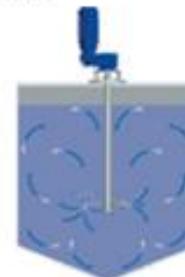
Flatblade / Rushton blade



Radialflow Turbine



Cupmixer



Gate



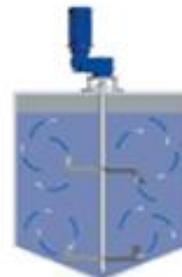
Counterflow Turbine



Multi Counterflow Turbine



U/Z Turbines



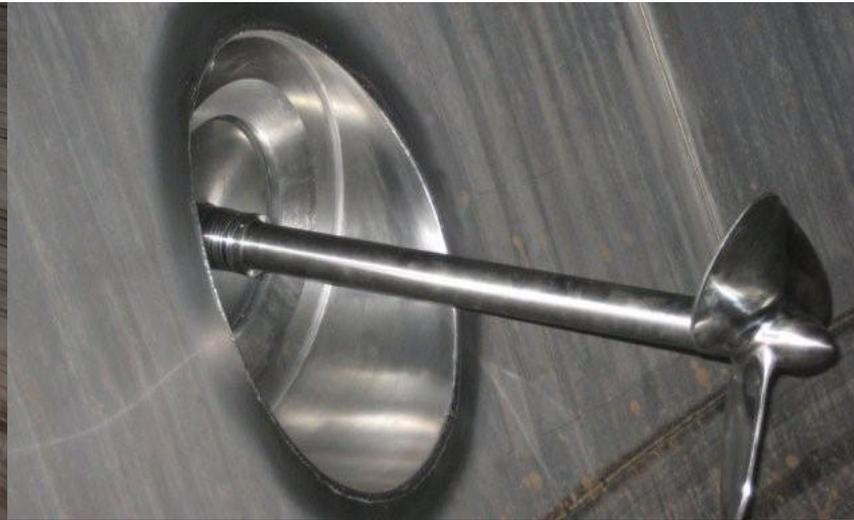
Counter Rotating Elements



Ribbon

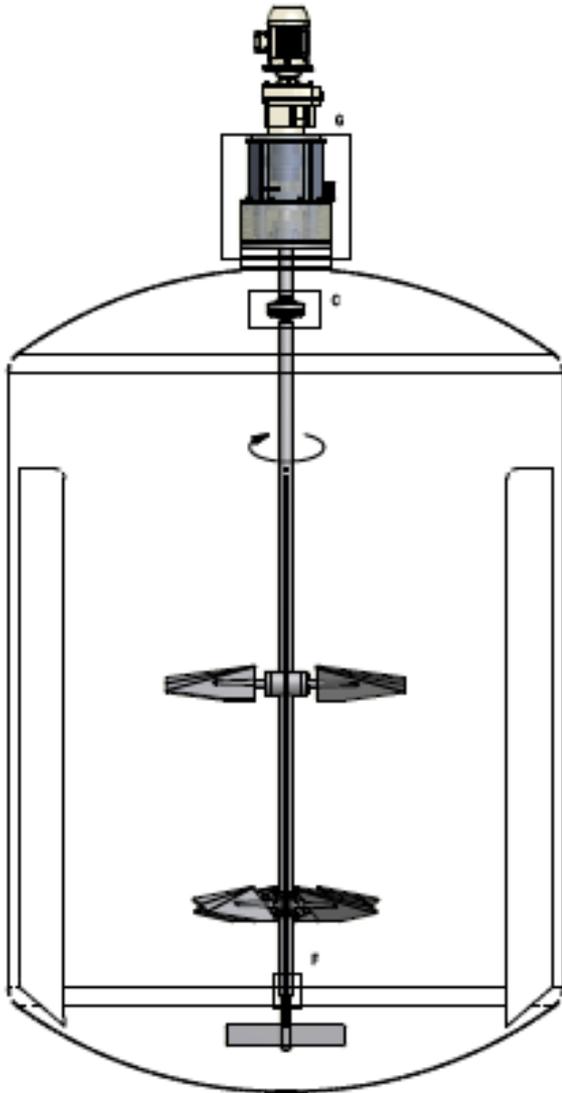


Beispiele - Mischelemente & Schaber

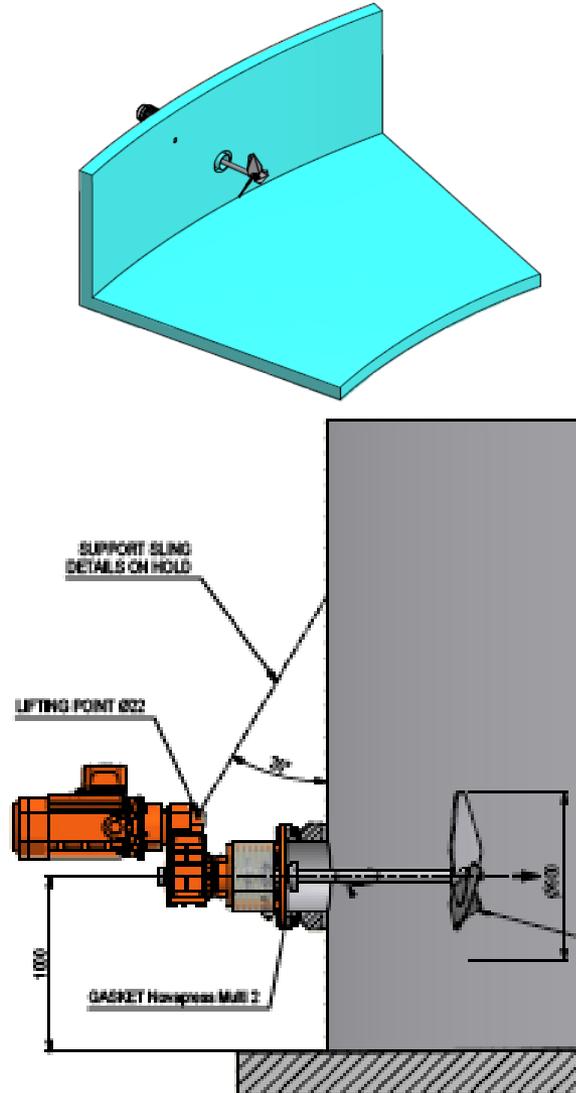


Art der Mischer

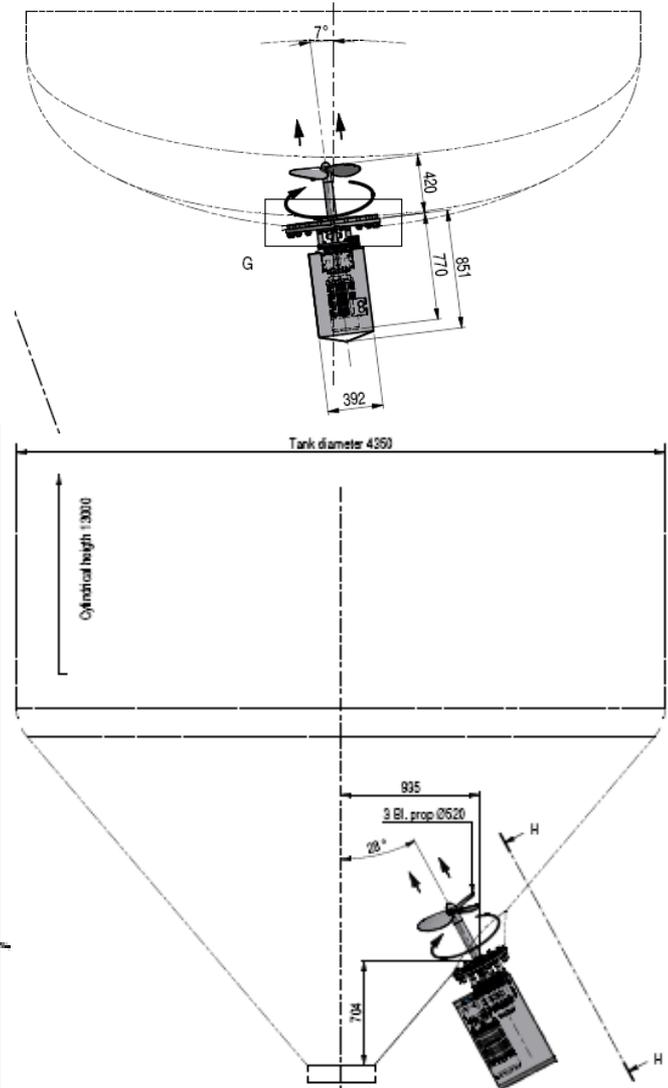
Oberflansch



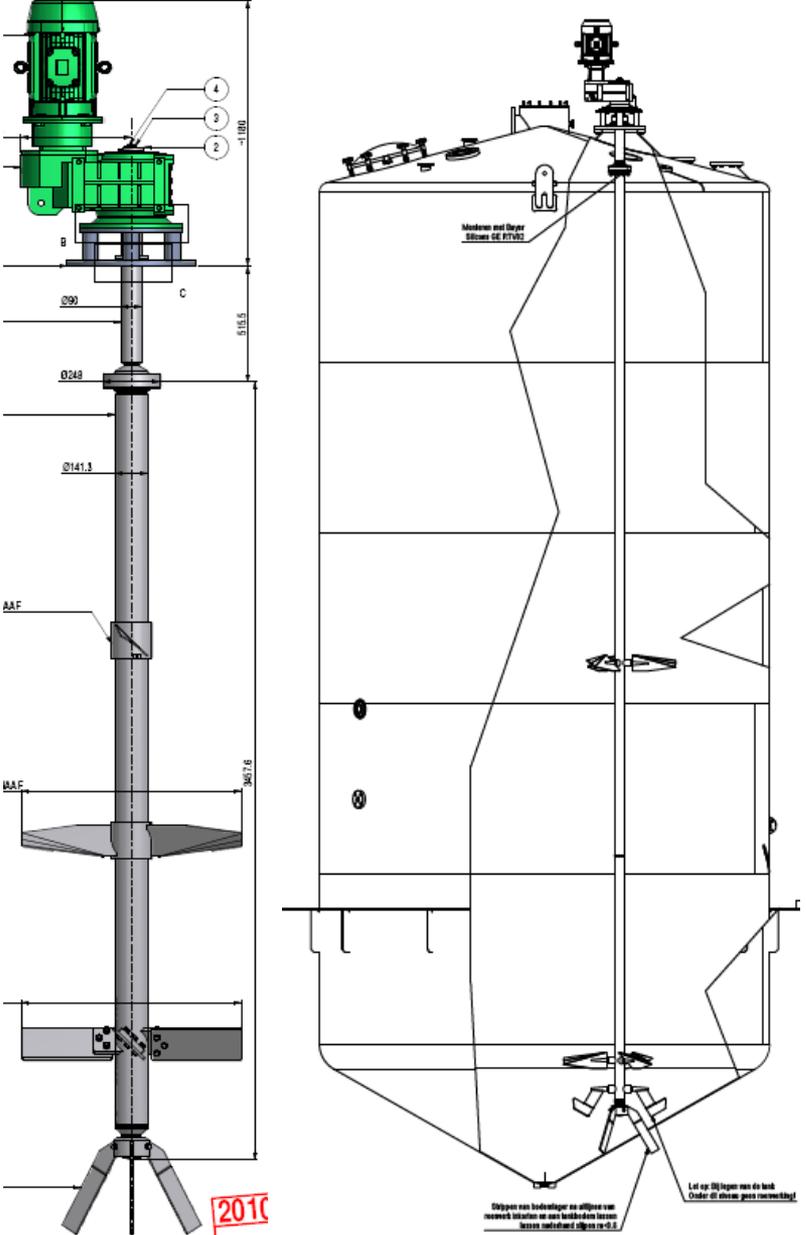
Seitenflansch



Bodenflansch



Rührwerke mit unteren Lagern



Untere Lager, wenn die Welle 10 Meter überschreitet

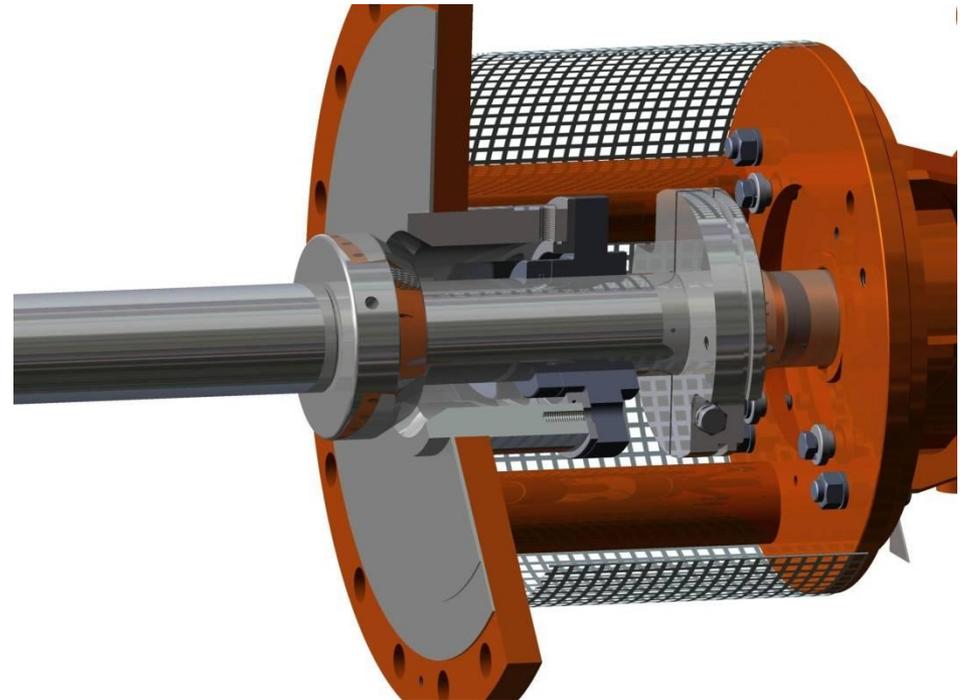
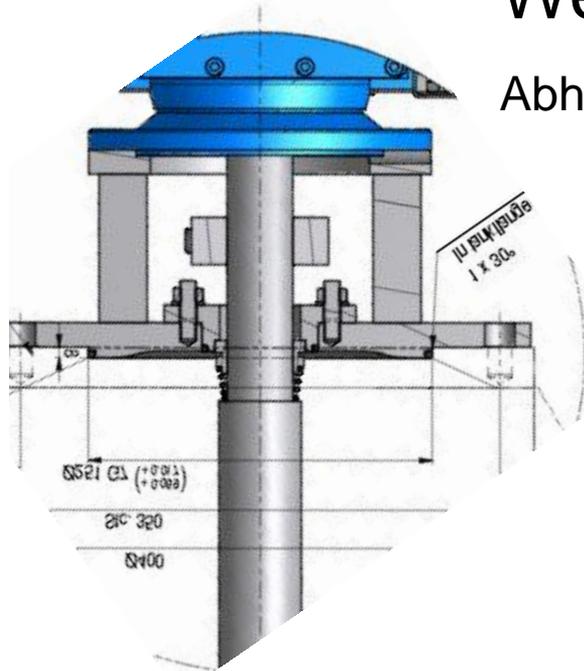
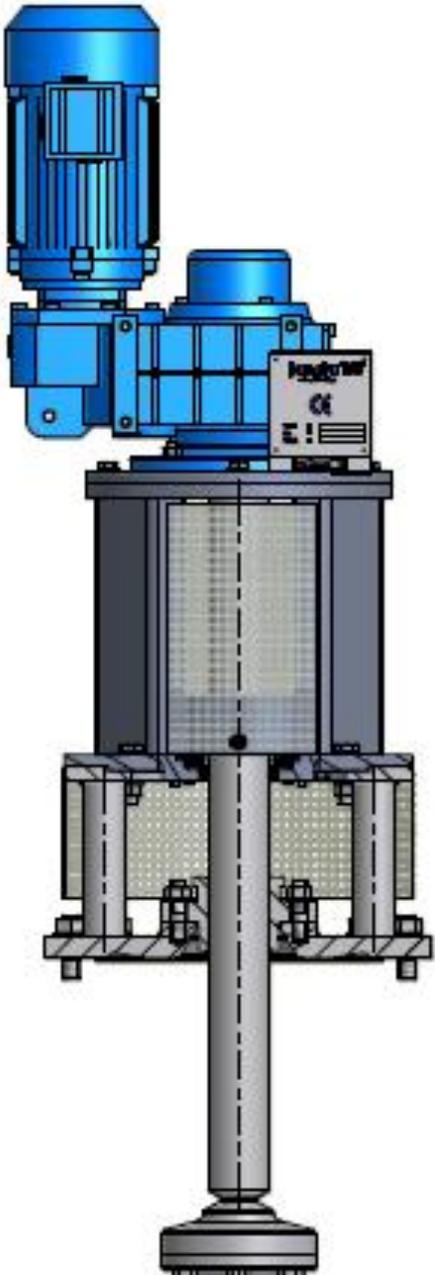


Beispiele für untere Lager

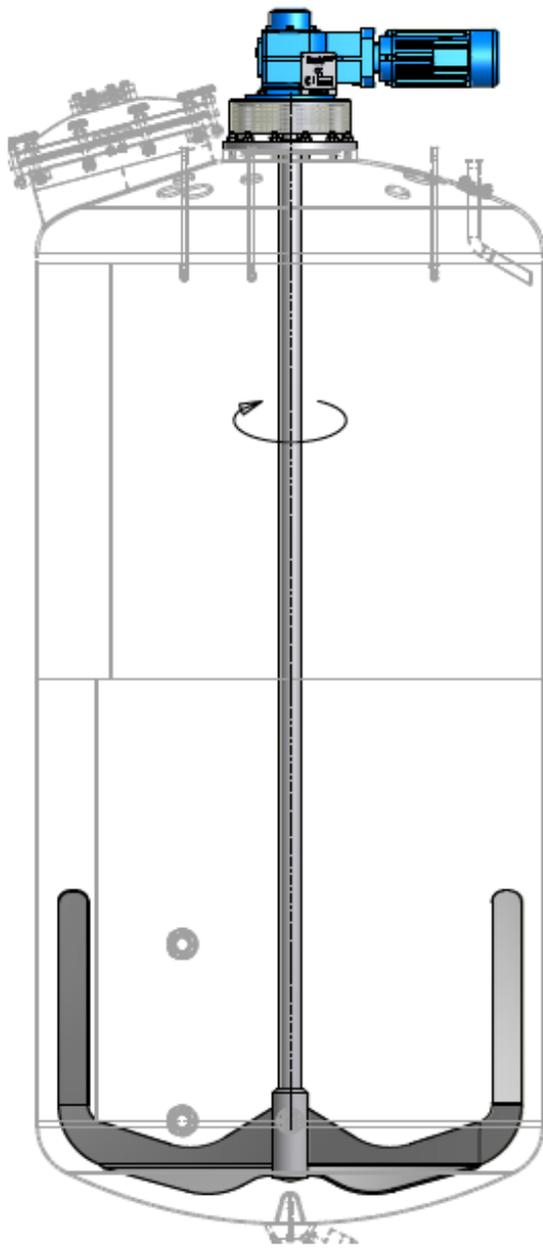
Wellendichtung

Abhängig von:

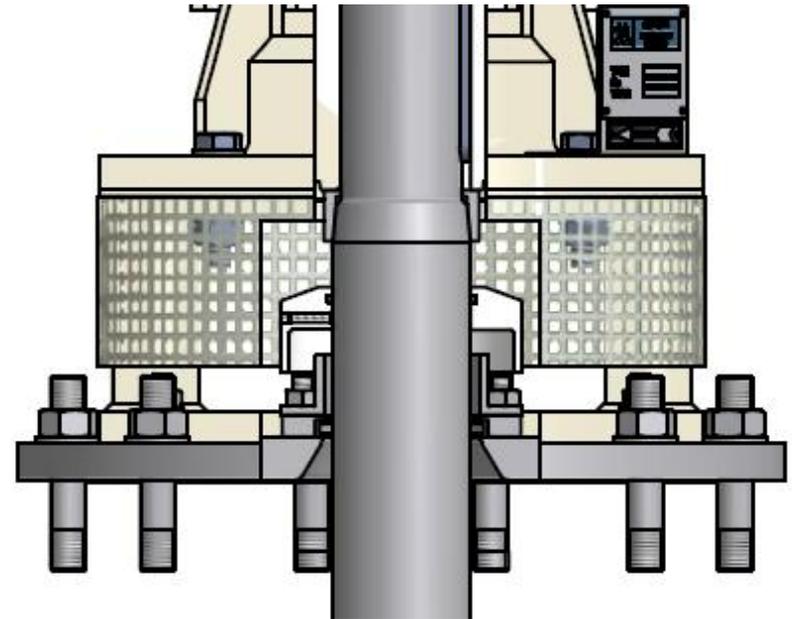
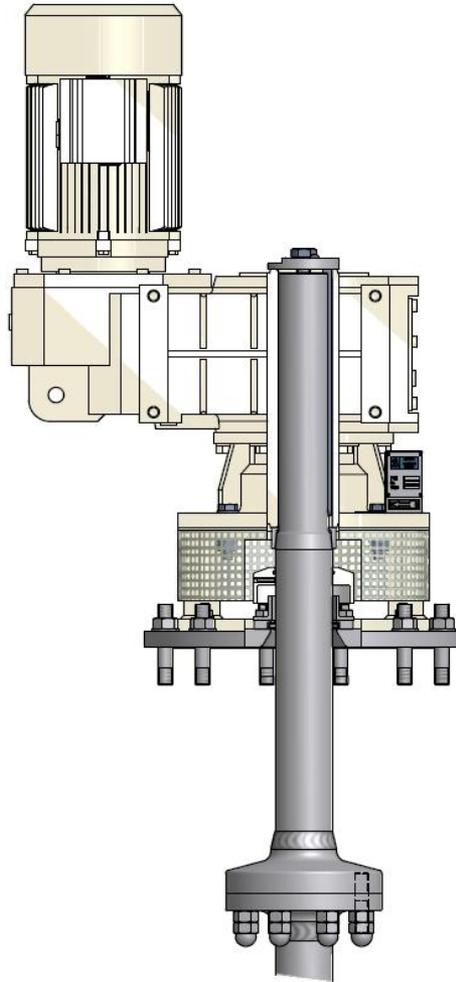
- Produkt im Behälter
- Temperatur von dem Produkt
- Druck im Behälter
- Geschwindigkeit des Rührwerks
- ATEX Anforderung



Rührwerke mit Lippendichtung

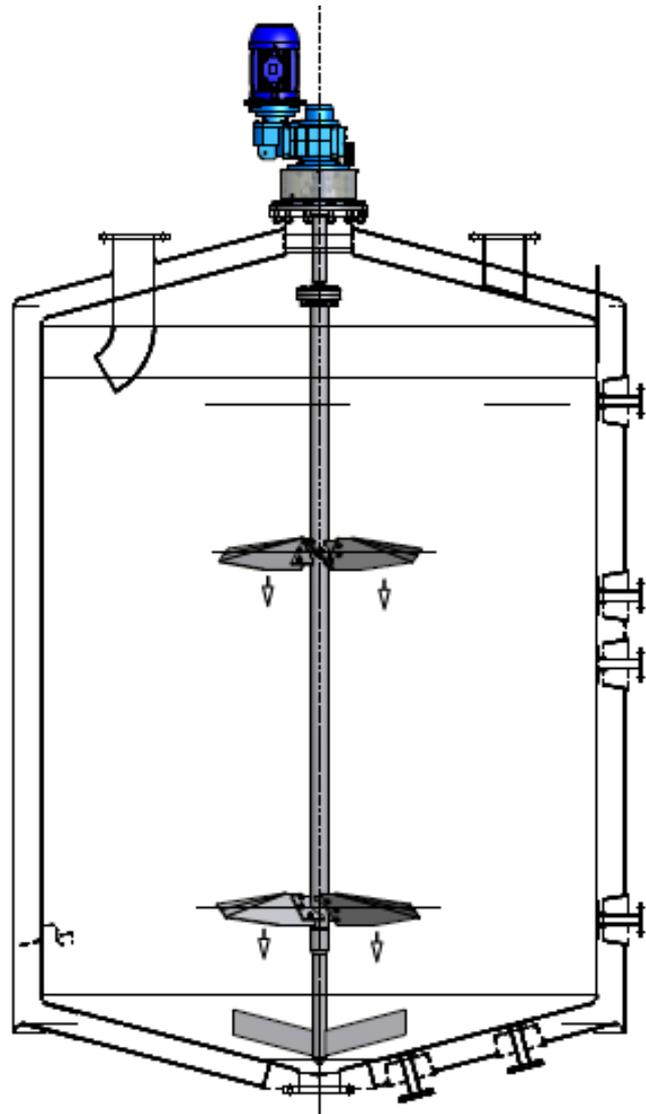


Rührwerk mit Getriebe und Lippendichtung

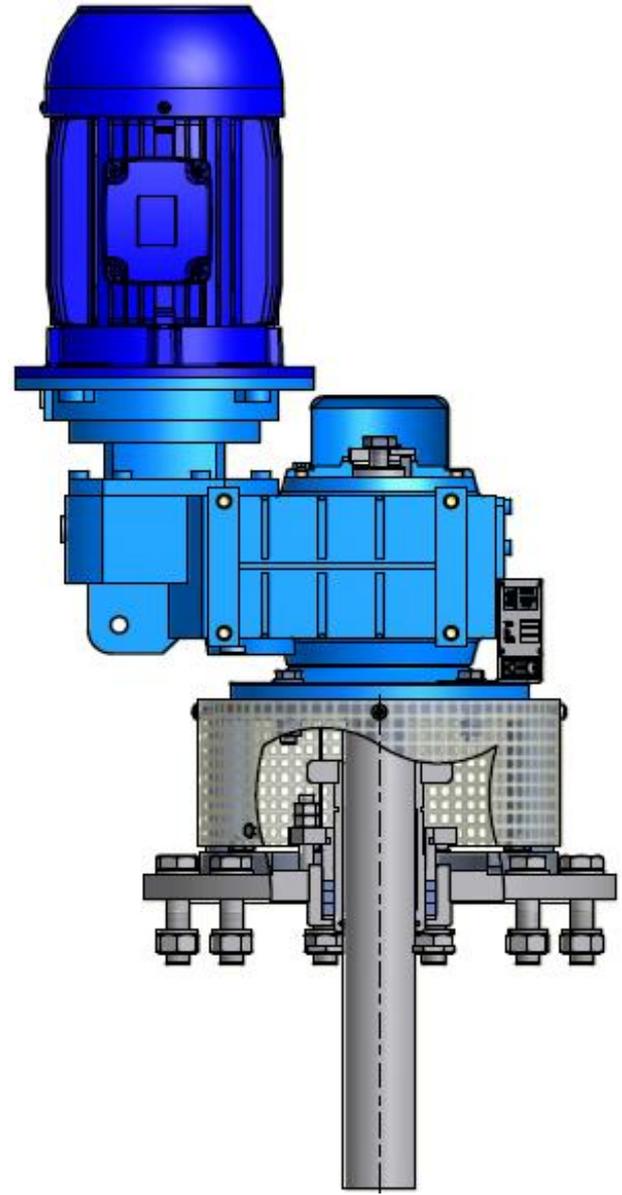


Typischer Einsatz der Lippendichtung

Rührwerk mit Stopfbuchse

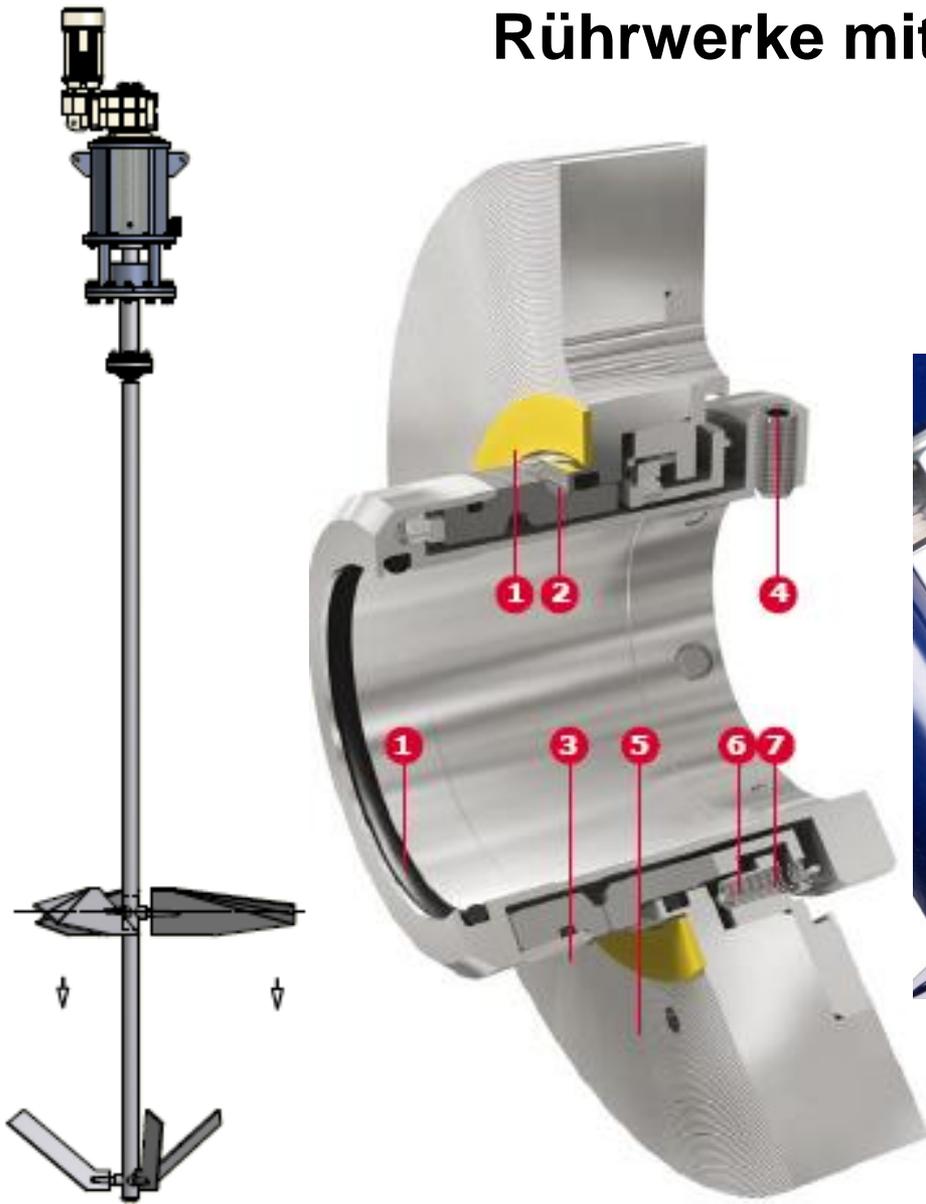


Rührwerk mit Koaxialgetriebe und Stopfbuchse



Einsatzbeispiel der Stopfbuchse

Rührwerke mit Gleitringdichtung



Rührwerk mit Getriebe und Gleitringdichtung



Gehäuse Aufbau einer Gleitringdichtung



Mechanical engineering



Produktions- & Montagehalle



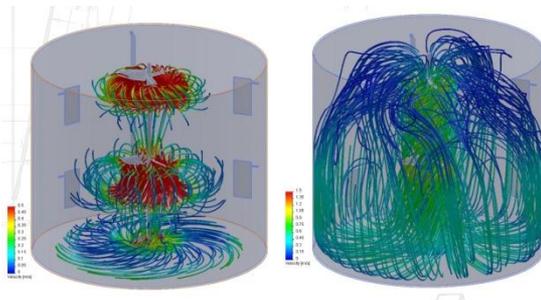
Serviceteam



Process engineering



After Sales



CFD analyse



Test Werkzeuge



Jongia Labore



Testeinheiten zum Mieten

Installierte Rührwerke



Good Food, Good Life



KIKKOMAN FOODS, INC.



GE Plastics



KIKKOMAN FOODS, INC.



GE Plastics



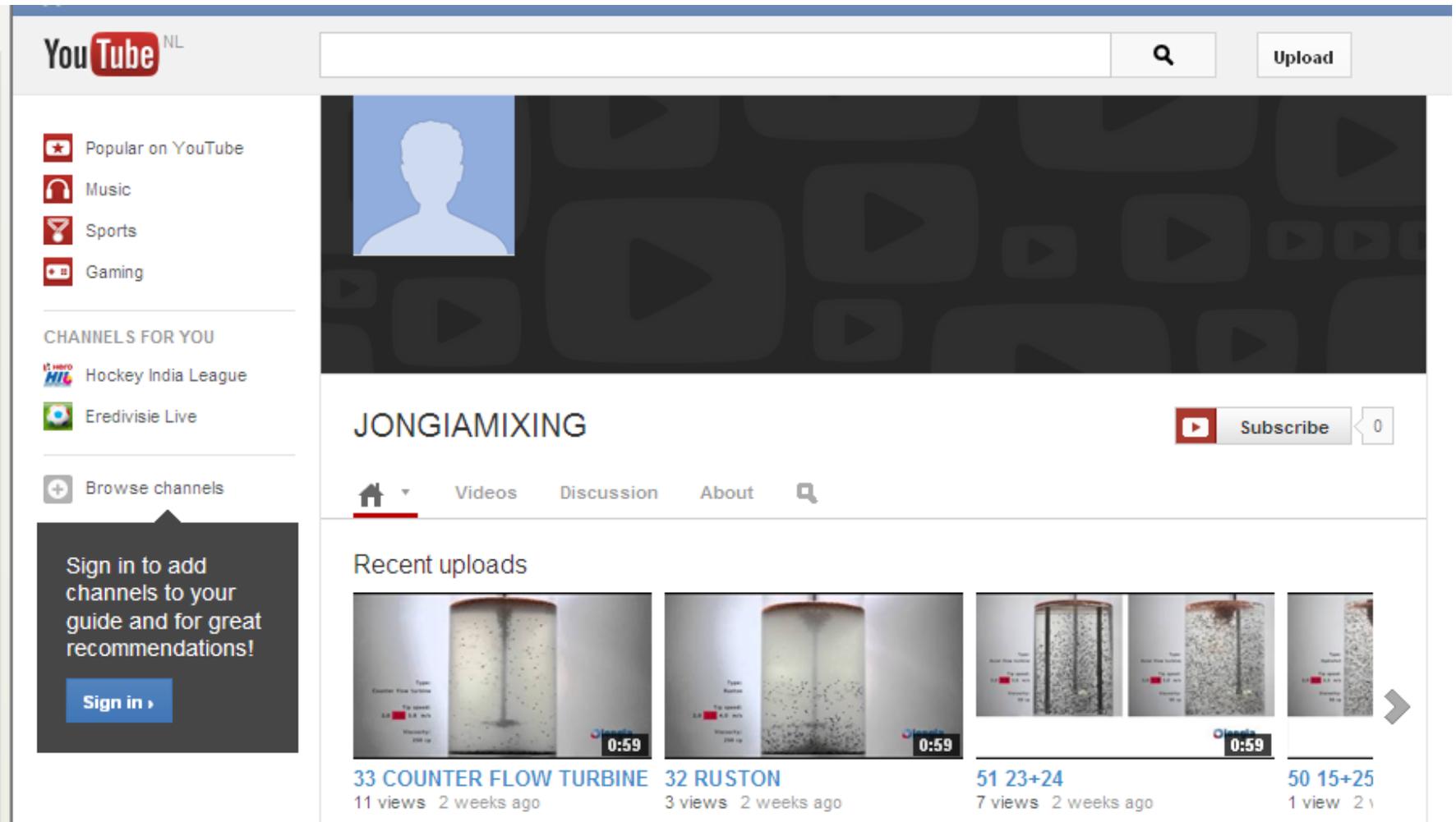
Unilever



EVONIK INDUSTRIES

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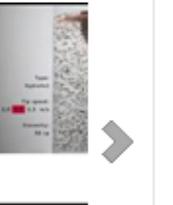
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Cupmixers

<http://www.youtube.com/watch?v=F12ypGLhHzg>

Rushton Blades

<http://www.youtube.com/watch?v=PFPuxOBsAB0>

<http://www.youtube.com/watch?v=U1b-HjE9N1E>

Gerne stehe ich Ihnen für ein persönliches Gespräch zur Verfügung.



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