



PARASON

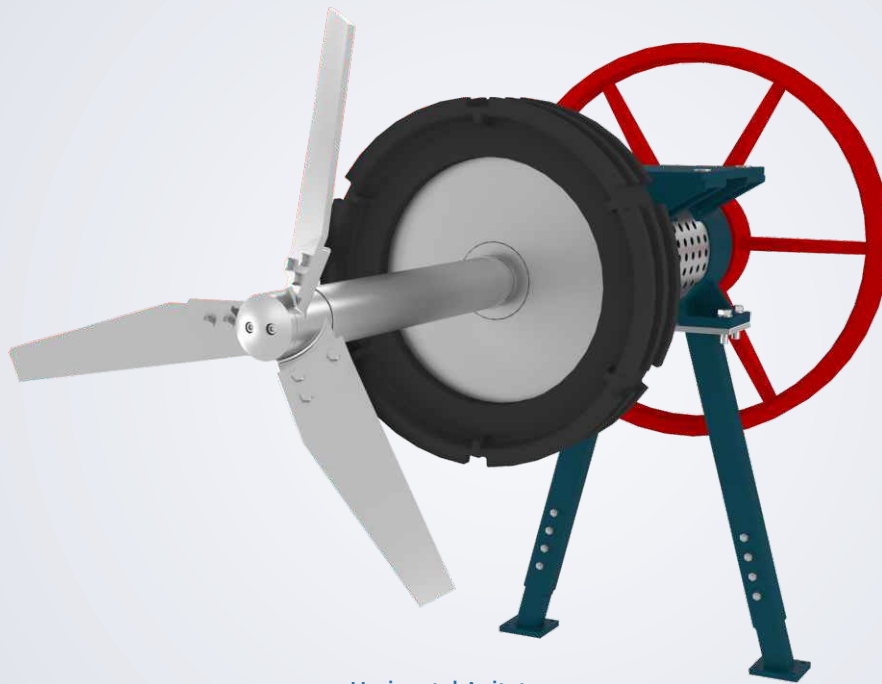
Vertical & Horizontal Agitators System

Mixing & blending operations for pulping process



Parason Best Performing & Highly
ENERGY EFFICIENT AGITATORS

HYDRO TURBULENCE AGITATOR



Horizontal Agitator



Importance of Agitation

- To reduce consistency fluctuation in process
- Lower the risk of load hammering i.e. sudden increase or decrease in load due to varying consistency

Application & Unique Features

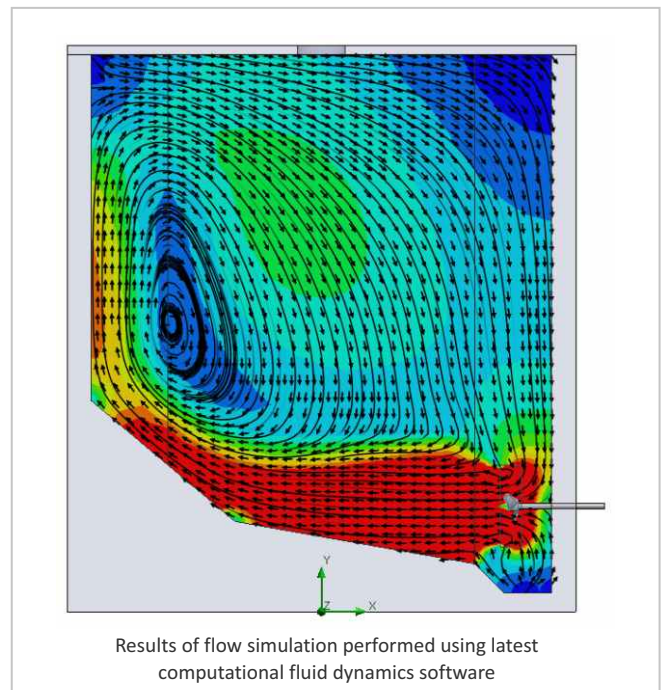
PARASON agitators are designed for all kinds of fibres in chests, tanks, and storage towers up to a consistency of 5% in the propeller area.

Efficient mixing

- Effective agitation at low power consumption
- All wetted parts are of stainless steel
- Propeller is equipped with adjustable blades
- optimized blade design
- High-efficiency propeller Design is used to maximize agitation and have been designed for use with all types of stock with Optimum power consumption
- Bearings are accessible from outside hence can be replaced without draining the chest
- Easy & low maintenance

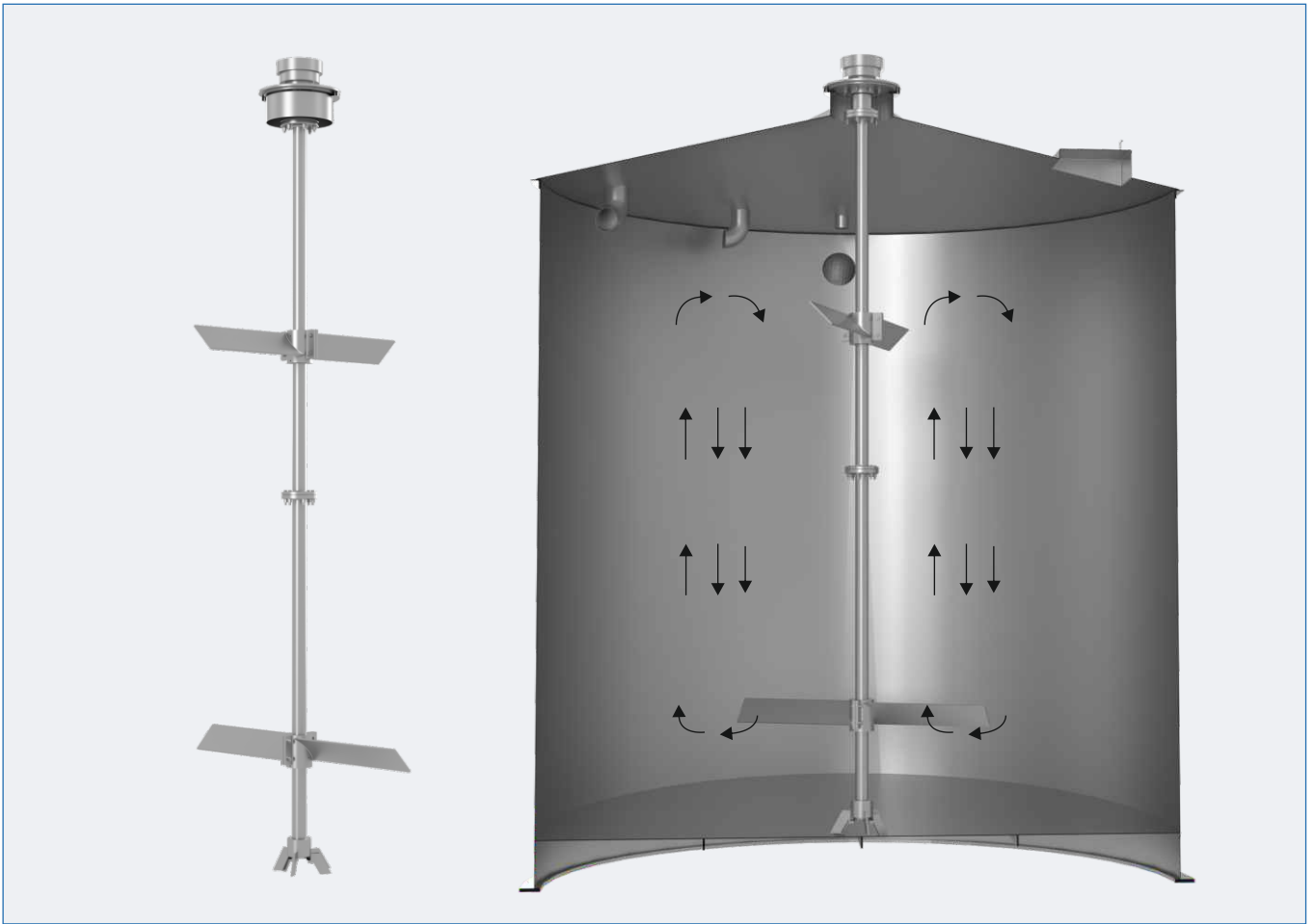
Agitator models

MODEL PAT	600	800	1000	1200
MOTOR RATING (kw)	9 - 11	15 - 18.5	22 - 30	30 - 37



*Power is function of furnish / Consistency / Tank size

VERTICAL AGITATOR

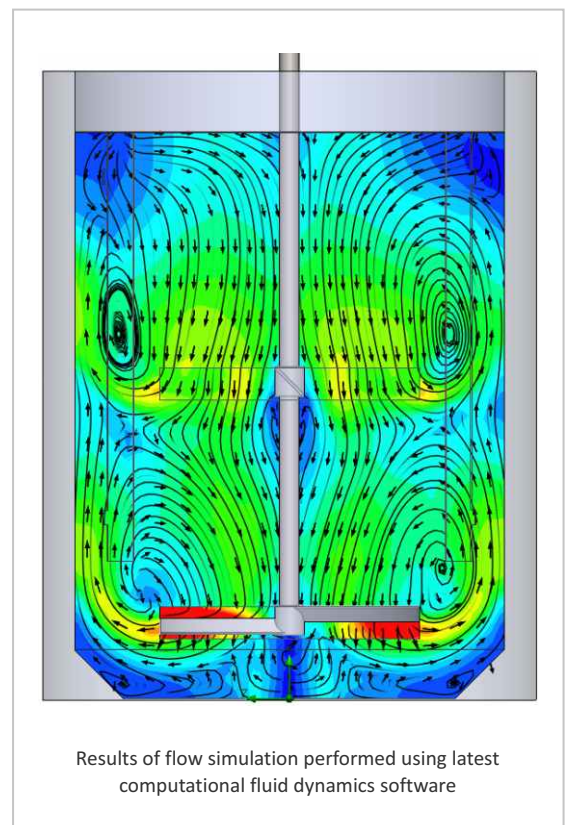


Mixing and blending are critical to a successful pulp/paper mill operation. The mass concentration of the pulp suspensions in the chests must be uniform at all locations. This is typically done with the efficient impellers, along with a properly sized agitator and proper chest design. One method used to provide uniformity in the momentum method is Top mounting.

Top-mounted agitators are widely used in many main processes in pulp and paper production and in the wastewater treatment plant. The most demanding applications are in the recovery plant.

Application

- Commonly used in wastewater treatment plants
- Also suitable for other industries, such as biogas production, metals and mining, and pulp and paper



Results of flow simulation performed using latest computational fluid dynamics software

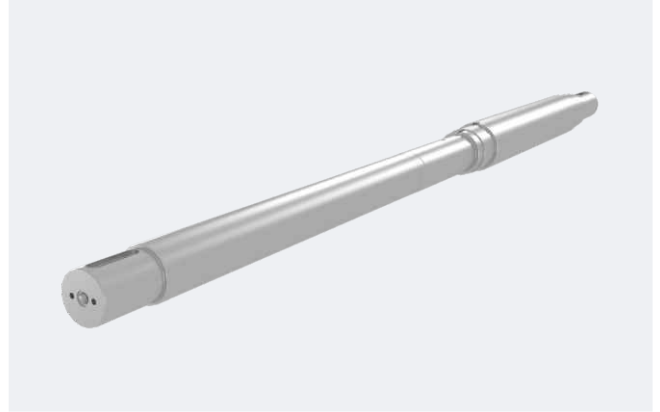
GENUINE SPARE PARTS

GUARANTEES THE BEST PERFORMANCE

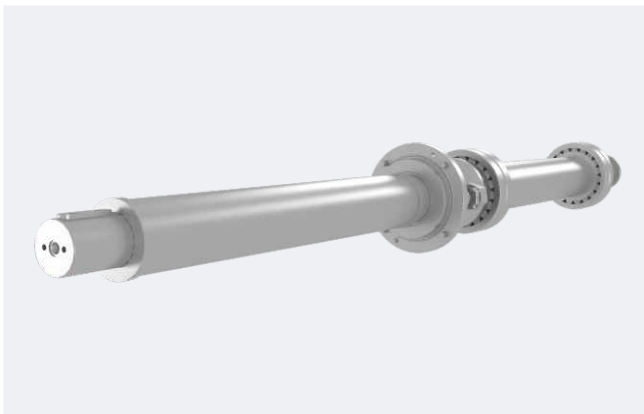
Manufactured with CNC machines to ensure high accuracy



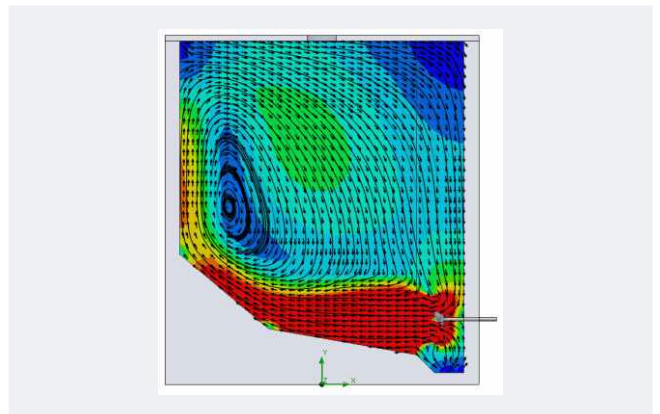
Agitator Blade



Shaft



Rotating Assembly



Customized Solutions

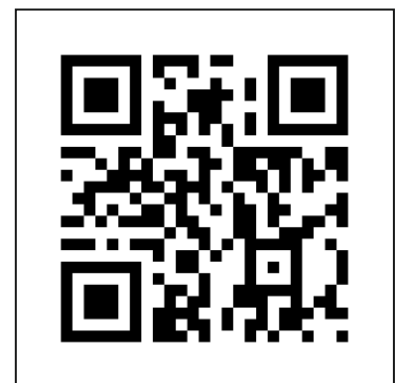
Engineered Trust

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