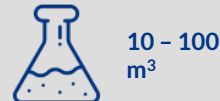


Agitator with a pitched blades turbine with high pumping capacity at low rotational speeds.

By changing only inclination, dimensions and number of blades, it can be used in a wide variety of applications.

The robust parallel shaft gearbox makes this machine highly reliable and low-maintenance.



More common: Water treatment plants, Paper, Chemistry  
Other uses: Food grade, supply, petrochemicals

### EXTRA OPTIONS:



**MATERIALS**

- Hastelloy
- Ebonite
- AISI 316
- AISI 304
- Duplex
- Super Duplex
- Titanium

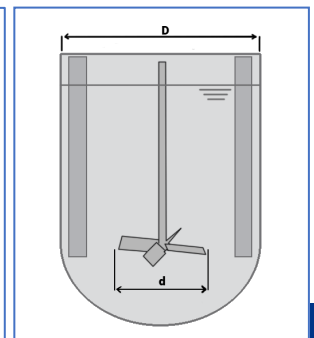
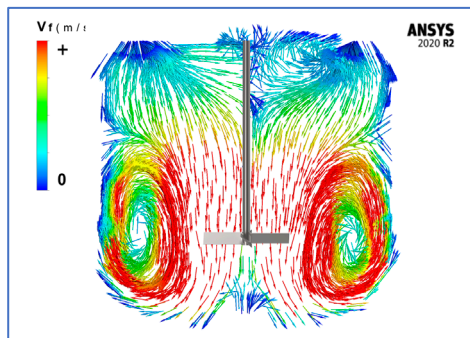
Fluidmix - Effective Mixing

### AXIAL FLOW

POSITION:  
CENTERED WITH BAFFLES  
OFF-CENTERED WITH OUT BAFFLES

RELATION  $d/D = 0,2-0,5$

HIGH SHEAR



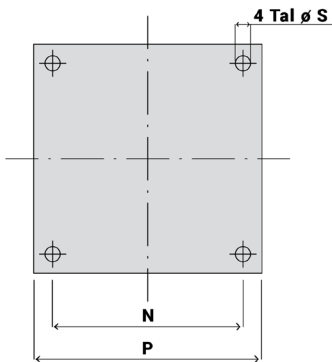
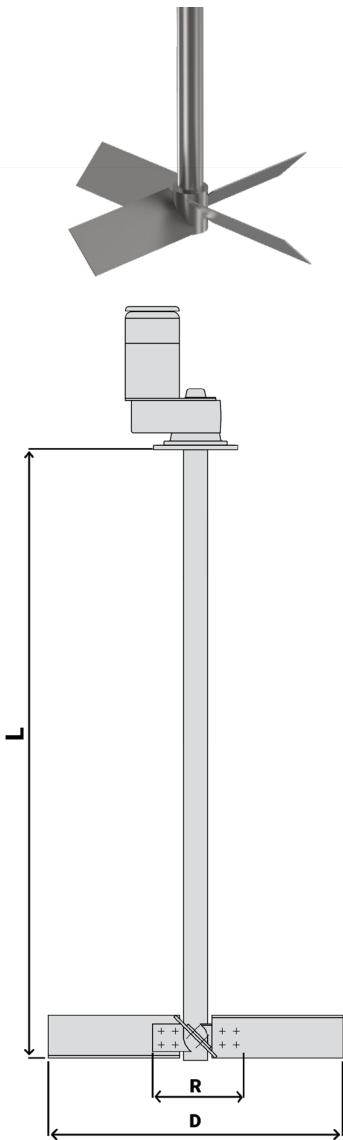
**ABLE TO WORK WITH EMPTY TANKS**

# Serie VTG

Find this product at the following link to our website:

[www.agitadoresfluidmix.com/agitador-industrial-vps/](http://www.agitadoresfluidmix.com/agitador-industrial-vps/)

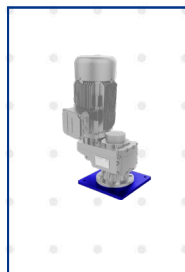
Model	Pow. (Kw)	Speed (rpm)	D (mm)	R (mm)	P (mm)	N (mm)	S (mm)	Weight (Kg)
VTG4-04 12 C 04/30.6	0,55	75	700	300	300	250	16	70
VTG4-05 12 C 04/35.6	0,75	75	700	330	300	250	16	85
VTG4-06 13 C 05/35.6	1,1	95	750	330	300	250	16	90
VTG4-07 11 C 07/30.6	1,5	45	1000	330	300	250	16	85
VTG4-08 12 C 06/20.6	2,2	60	900	290	400	350	18	80
VTG4-09 13 C 05/30.6	3	100	800	330	400	350	18	95
VTG4-10 12 C 07/45.6	4	60	1000	380	520	460	24	120



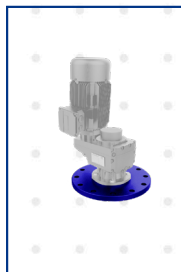
## APPLICATIONS

MIX: Solid/liquid, Liquid/liquid  
SUSPENSION/ANTIDECANTATION OF SOLIDS  
HEAT TRANSFER

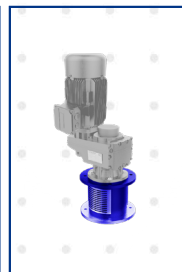
### FIXATION OPTIONS:



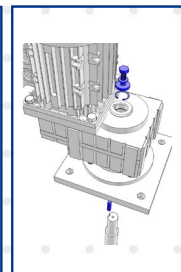
SQUARED PLATE



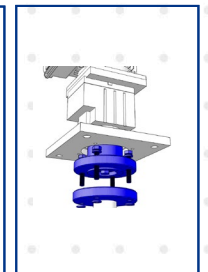
FLANGE DIN/ANSI



LINTERN

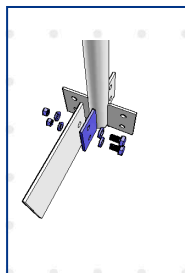


Hollow shaft mounting

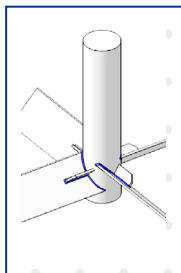


COUPLING

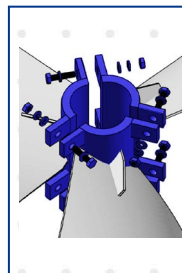
### ASSEMBLY OPTIONS:



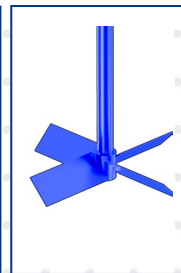
Turbine mounting by lugs



Turbine welded to the shaft



Impeller mounting with lugs



Coated Turbine-shaft



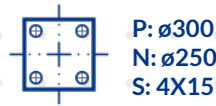
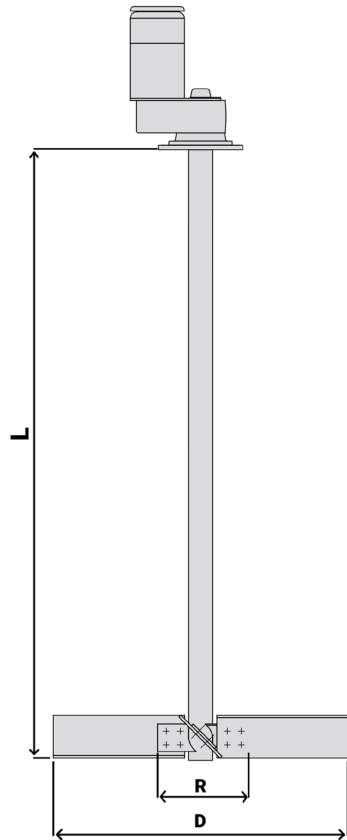
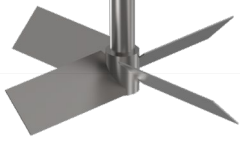
[www.fluidmix.es](http://www.fluidmix.es)  
fluidmix@fluidmix.es

Fluidmix S.L. C/ Tineo 17, 28031 Madrid  
T. 91 170 19 24 / F. 91 494 24 56

Our Engineering and Development Department is constantly researching and studying the behaviour of fluids inside a vessel using Computational Fluid Dynamics (CFD) simulation software in order to optimise mixing processes.

Find this product at the following link to our website:

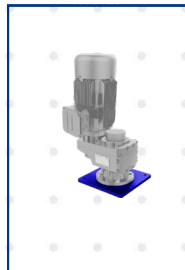
[www.agitadoresfluidmix.com/agitador-industrial-vps/](http://www.agitadoresfluidmix.com/agitador-industrial-vps/)



APPLICATIONS

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HEAT TRANSFER

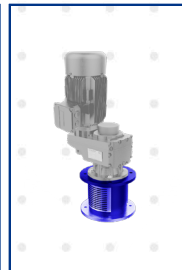
FIXATION OPTIONS:



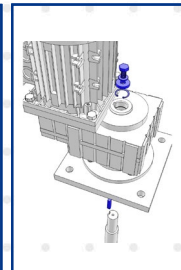
SQUARED PLATE



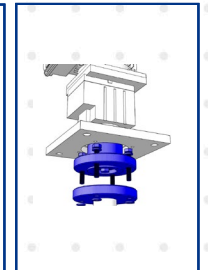
FLANGE DIN/ANSI



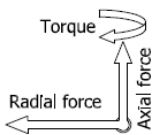
LINTERN



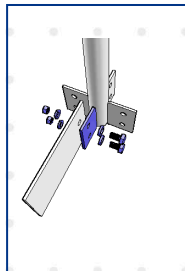
Hollow shaft mounting



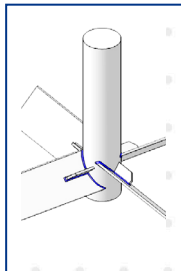
COUPLING



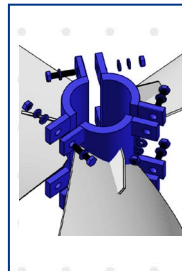
ASSEMBLY OPTIONS:



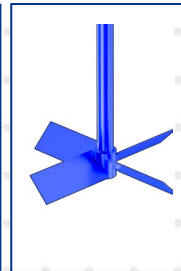
Turbine mounting by lugs



Turbine welded to the shaft



Impeller mounting with lugs



Coated Turbine-shaft

Static and dynamic forces

Radial	15 daN
Axial	5 daN
Torque	25 Nm
Weight	45 Kg

Radial stress applies at shaft end. Remaining applies forces at anchor flange.



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