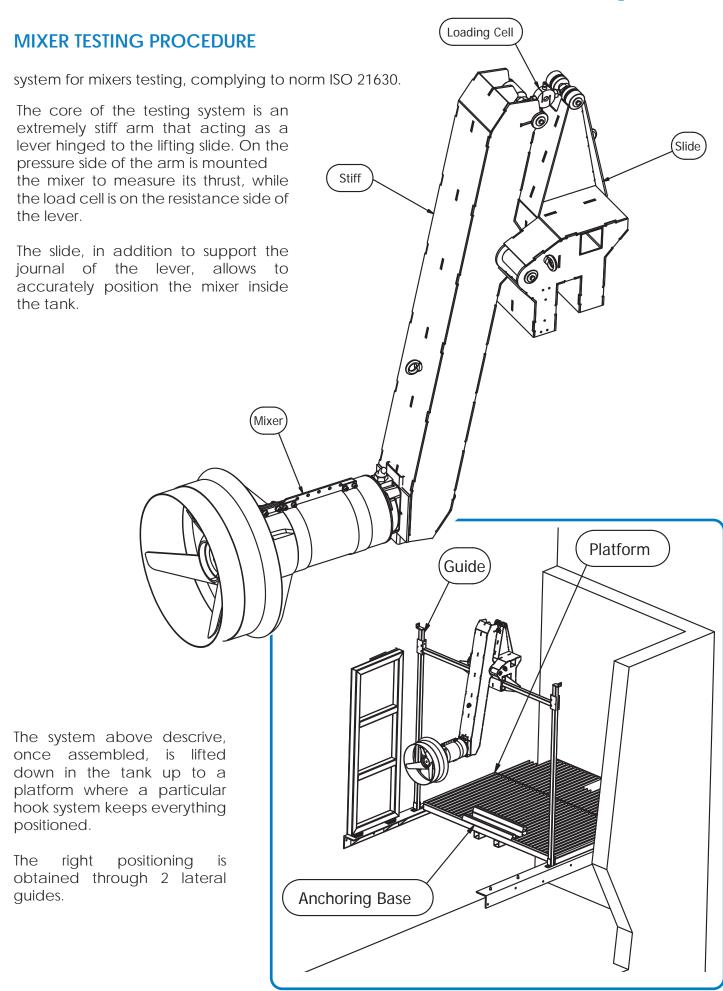


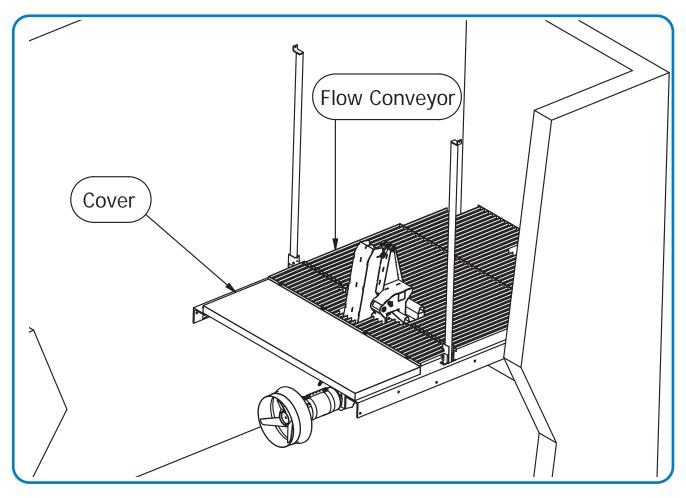
FAGGIOLATI PUMPS S.P.A.

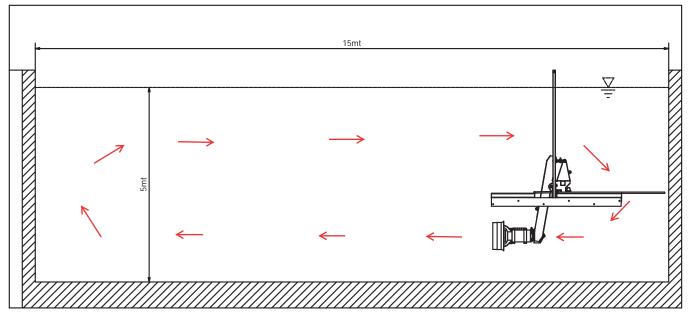


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FAGGIOLATI PUMPS S.p.A.

The platform acts as a support and as a barrier flow conveyor which together with the cover over the mixer breaks the swirls in the tank, allowing to maintain a constant and uniform flow within the same.

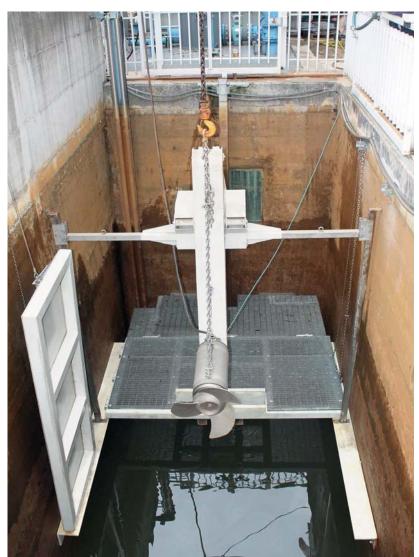




During the test all the critical values (electrical, thrust, temperature, rpm, etc.) of the mixer are monitored and recorded in real time through state-of-the-art sensors and softwares.

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FAGGIOLATI PUMPS S.p.A.









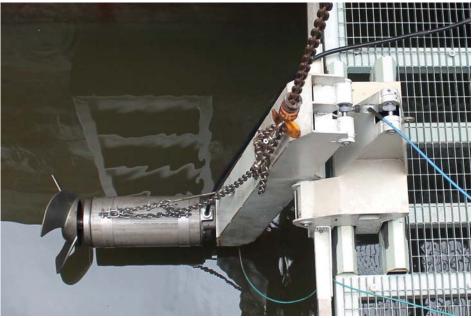


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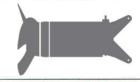






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FAGGIOLATI PUMPS SPA



Mod: STRUP10

Data - Date: 25/09/2015

Rev. – Rev. 2

Performance test of mixers

Standard: ISO 21630

Scope: test the performances of the machine, pointed out its thrust (N) and power (kW).

<u>Procedure:</u> the test is done in clear water. You point out the reaction thrust, the absorbed power from mains and the rotation speed.

Operative instruction following PM50 rev.0

Specification of "clean cold water" according to Table 3

Characteristics	Unità	Min.	Max.
Temperature	$^{\circ}C$	0	40
Kinematic viscosity	m^2/s	7 	$1,75 \times 10^{-6}$
Density	kg/m³	995	1050
Non-absorbent free solid content	kg/m³	-	2,5
Dissolved solid content	kg/m^3	-	50

The instrumentation required to perform the test are the following:

- Mains analyzer DUCATI SMART 96 PIÙ s/n 21/08-0286 expire 06/11/2016
- Load cell LAUMAS CTL s/n 200809855 expire 13/11/2017

The parameters recorded directly during the test are:

- Thrust
- Absorbed electrical current
- Absorbed electrical power
- Cosfi check

Tolerances according to Table 6

Quantity	Symbol	Negative %	Positive %
Thrust Nominal < 300 N	tF	12	K=
Thrust Nominal >= 300 N	tF	8	_
Power Rated < 5000W	tP	-	10
Power Rated $\geq = 5000W$	tP	-	5
Thrust-to-Power Ratio	tR	=tF	-





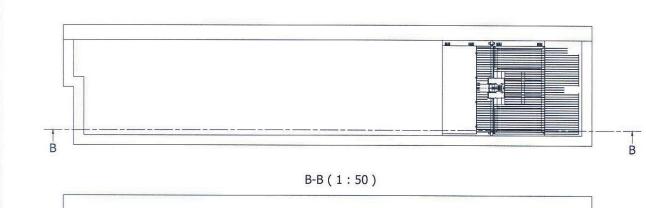
FAGGIOLATI PUMPS S P A

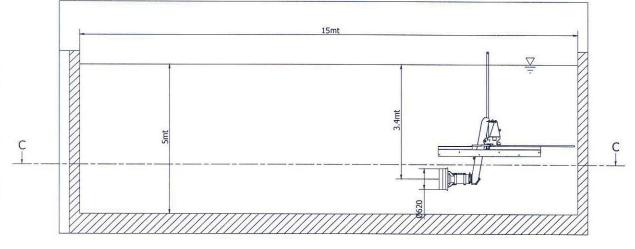


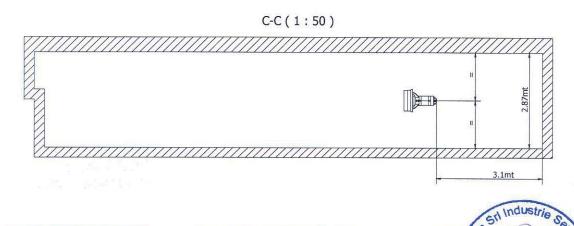
Mod: STRUP10 Data - Date: 25/09/2015

Rev. - Rev. 2

Vasca prove miscelatori sommergibili Submersible mixer test equipment









05/10/2015