



The water in your hands

720 1/min 50 Hz.

960 1/min 50 Hz.

1450 1/min 50 Hz.

Miscelatore sommergibile per gli impianti di depurazione.

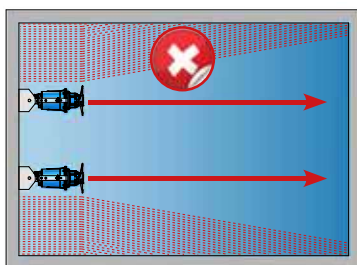
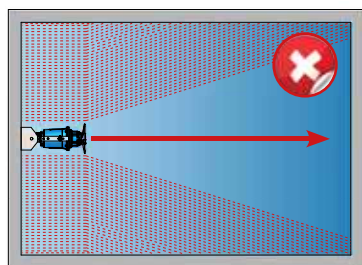
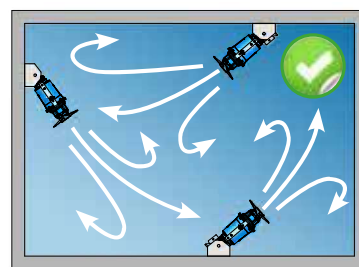
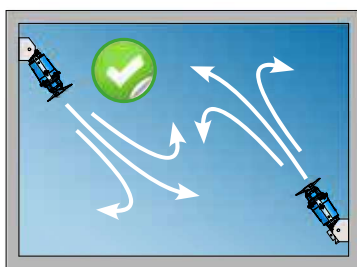
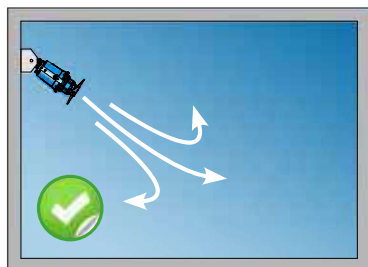
Submersible Mixer for sewage treatment plants, sewage homogenization.

Serie
MIX



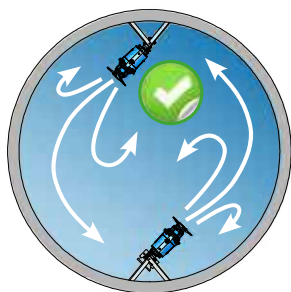
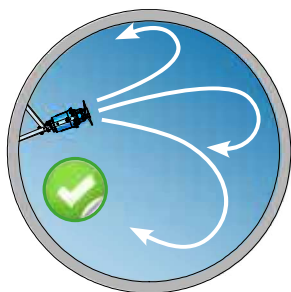
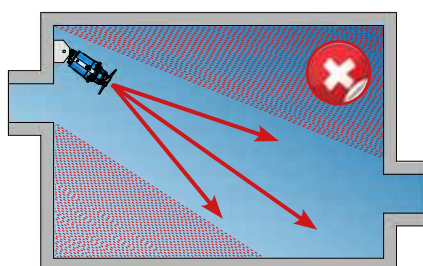
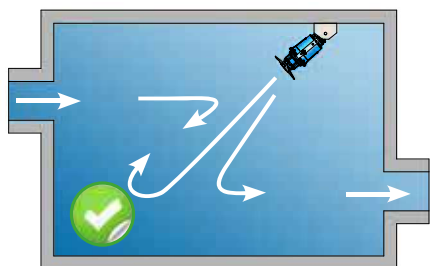
SERIE MIX

Indicazioni per l'installazione - *Indications for installation*



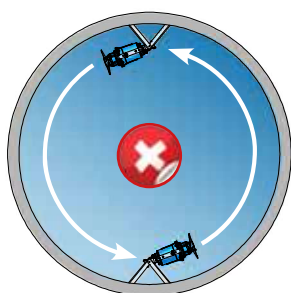
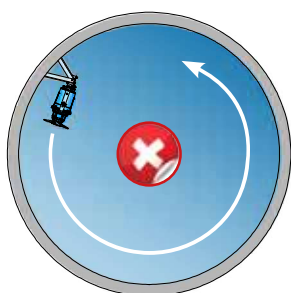
Sfruttare la riflessione delle pareti.
Try to take advantage from walls ebbs.

Tener conto degli afflussi e dei deflussi.
Keep into consideration inflows and outflows.



Senza flusso di cortocircuito si ha sufficiente velocità
sul fondo ed anche nella mezzeria della vasca.

*In absence of shortcircuit flow, you have sufficient
speed at the bottom of the tank, so that in the middle.*





Serie

MIX

75-6 / 100-4

960 1/min 50 Hz.

1450 1/min 50 Hz.

Data 03/05/19
Mod. E

Miscelatore sommersibile, con girante elica autopulente a due pale.

Submersible mixer, with selfcleaning 2-blades propeller.



ITA



ENG

Caratteristiche ed impieghi

I miscelatori sommersibili della serie MIX hanno lo scopo di omogeneizzare fanghi pesanti, di evitare la sedimentazione, cioè l'accumulo di detriti sul fondo delle vasche e dei bacini di raccolta di acque piovane, acque luride, ecc.

Il vortice creato dall'elica autopulente a due pale oltre a portare i detriti in sospensione, previene la formazione di incrostazioni sulla superficie dell'acqua e rimuove eventuali accumuli depositati.

Sensore di conduttività e sonde termiche a richiesta.



Features and applications

The submersible mixer MIX are used for homogenisation of heavy sludge, to prevent the sedimentation and exactly the accumulation of debris such as solids and sludge at the bottom of the pumping station and rainwater catchments, sewage, etc.

The vortex created by the selfcleaning 2-blades propeller in addition to carrying the debris in suspension, prevents the formation of deposits on the surface of the water and remove any buildup deposited.

Conductivity sensor-thermal probes on request.

Limiti di impiego

Temperatura Max. del liquido pompato	40°C
Massima profondità di immersione	20 m
PH del liquido pompato	6 ÷ 10
Tensione di alimentazione: Trifase 400V ±10%	
L'elettropompa genera un livello di pressione acustica inferiore a 70 dB	

Operating limits

Max. temperature of pumped fluid	40°C
Max. immersion depth	20 m
PH of pumped fluid	6 ÷ 10
Net supply tensions: Three-phase 400V ±10%	
The electric pump generates an acoustic pressure level of less than 70 dB	

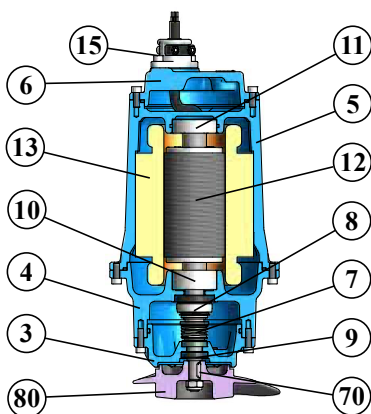
Dati tecnici e prestazioni - Technical data and performance 50 Hz.

Codice Code	Modello Model	Elica Propeller	Spinta Trust	Portata Flow	P2 HP kW	Volts	In A	Poli Poles	l/ min	Cavo Cable	Kg.
MX.10.003	MIX 75-6	Ø 230 mm	110 N	55 l/sec	0,75 0,55	3 ~ 400	1,7	6	960	4 x 1,5 mm² - 10 m	24
MX.10.004	MIX 100-4		150 N	90 l/sec	1 0,75		2,2	4	1450		

3 ~ 400 Volts = Trifase / Three-phase

P2 = Potenza resa dal motore / Power rated by the motor

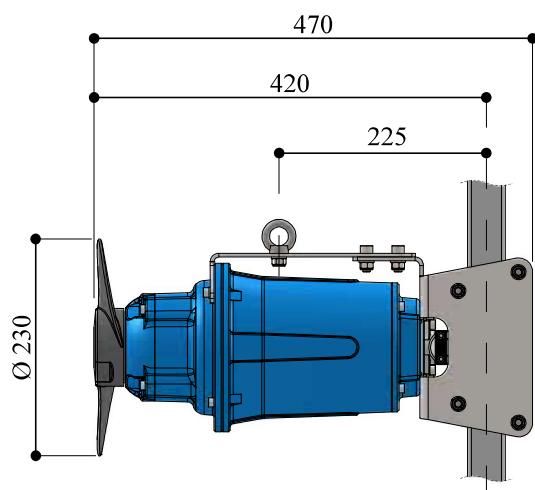
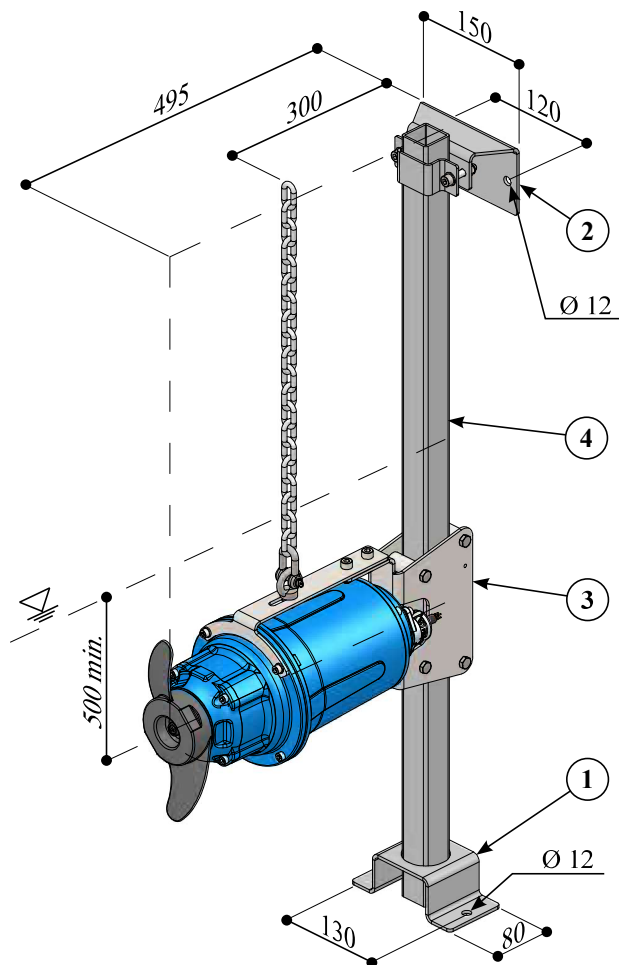
Costruzione - Construction



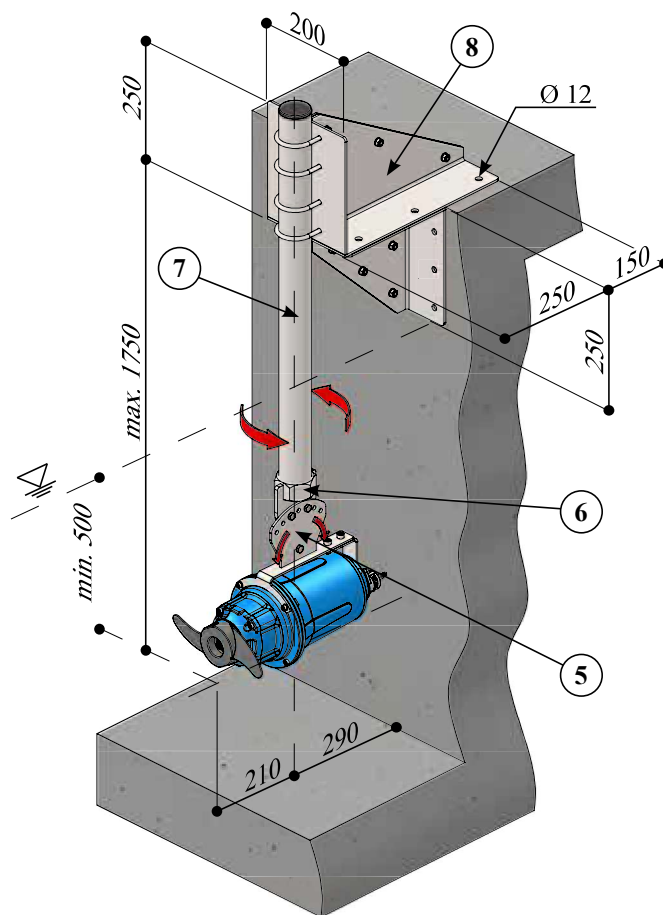
Pos.	Descrizione	Description
3	Flangia tenuta inferiore GG 25	Flange lower mechanical seal GG 25
4	Flangia portacuscinetto GG 25	Flange intermedie GG 25
5	Cassa motore GG 25	Motor casing GG 25
6	Coperchio del motore GG 25	Cover for motor casing GG 25
7	Tenuta meccanica inferiore widia - widia	Mechanical seal on widia - widia
8	Tenuta meccanica superiore in ceramica/grafite	Upper mechanical seal ceramic/graphite
9	Tenuta a labbro	Lip seal nitrile
10	Cuscinetto inferiore	Lower ball bearing
11	Cuscinetto superiore	Upper ball bearing
12	Albero motore AISI 420 + rotore	Rotor + shaft AISI 420
13	Statore	Stator
15	Pressacavo AISI 316	Cable entry nut AISI 316
70	Linguetta	Key
80	Elica AISI 304	Propeller AISI 304

Esempi d'installazione - Installation sample

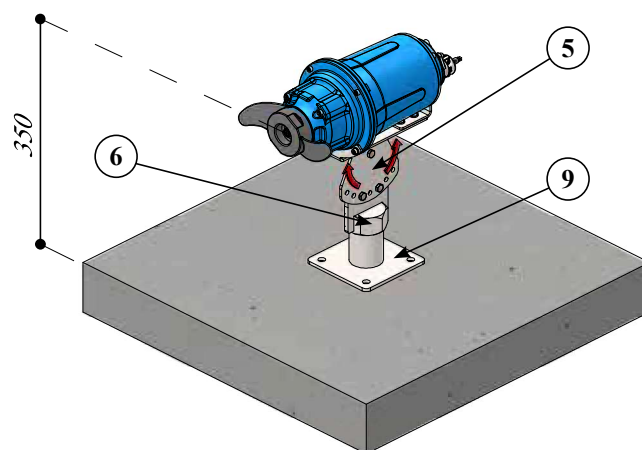
Tipo "Q" con tubo quadro 40 x 40
Installation type "Q" with square pipe 40 x 40



Tipo "T" con tubo 2" e staffa a mensola
Installation type "T" with pipe 2" and bracket shelf



Tipo "Z" fissaggio su zavorra / fondo vasca
Installation type "Z" fixing on ballast / tank bottom



Pos.	Code	Descrizione (Mat. AISI 304)
1	LFV40.MIX	Staffa fix. tubo inferiore - Lower fixing support
2	L-SM40.MIX	Staffa fix. tubo superiore - Upper fixing support
3	SM.MX.100.4	Staffa guida mixer - Pipe guide mixer
4	TQ304.40X40	Tubo guida 40 x 40 - Square pipe 40 x 40
-	RS.47.506	Catena AISI 304 Ø 6 - AISI 304 chain Ø 6

Pos.	Code	Descrizione (Mat. AISI 304)
5	SCOR.MIXA	Staffa fix. mixer - Fixing mixer support
6		Staffa orientabile mixer - Setting mixer support
7	TT304.60X3	Tubo 2" lungo 2 m - Pipe 2" lenght 2 m
8	SMTOR_A	Staffa a mensola - Braket shelf
9	SFZ.SCOR	Staffa fissaggio zavorra - Ballast fixing



Serie

MIX 150-4

1450 1/min 50 Hz.

Data 03/05/19
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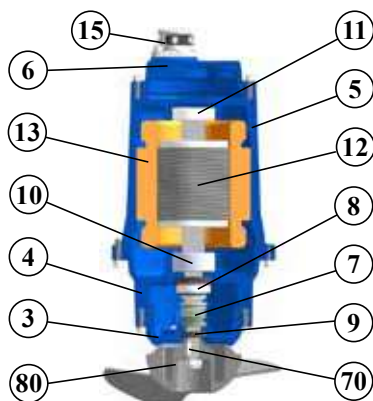
Dati tecnici e prestazioni - Technical data and performance 50 Hz.

Codice Code	Modello Model	Elica Propeller	Spinta Trust	Portata Flow	P2 HP kW	Volts	In A	Poli Poles	l/ min	Cavo Cable	Kg.
MX.10.006	MIX 150-4	Ø 210 mm	235 N	120 l/sec	1,5 1,1	3 ~ 400	3	4	1450	4 x 1,5 mm ² - 10 m	29

3 ~ 400 Volts = Trifase / Three-phase

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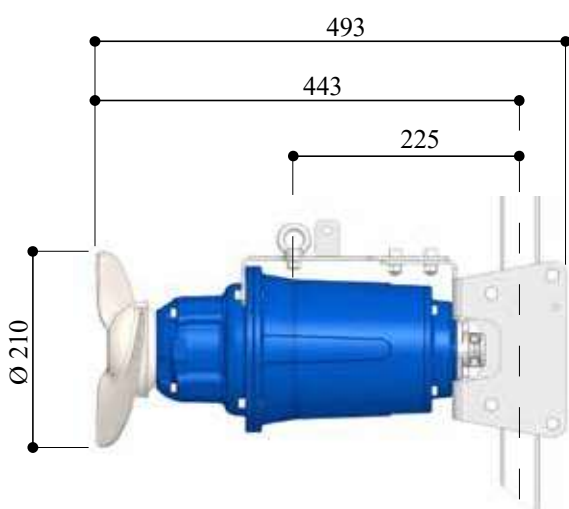
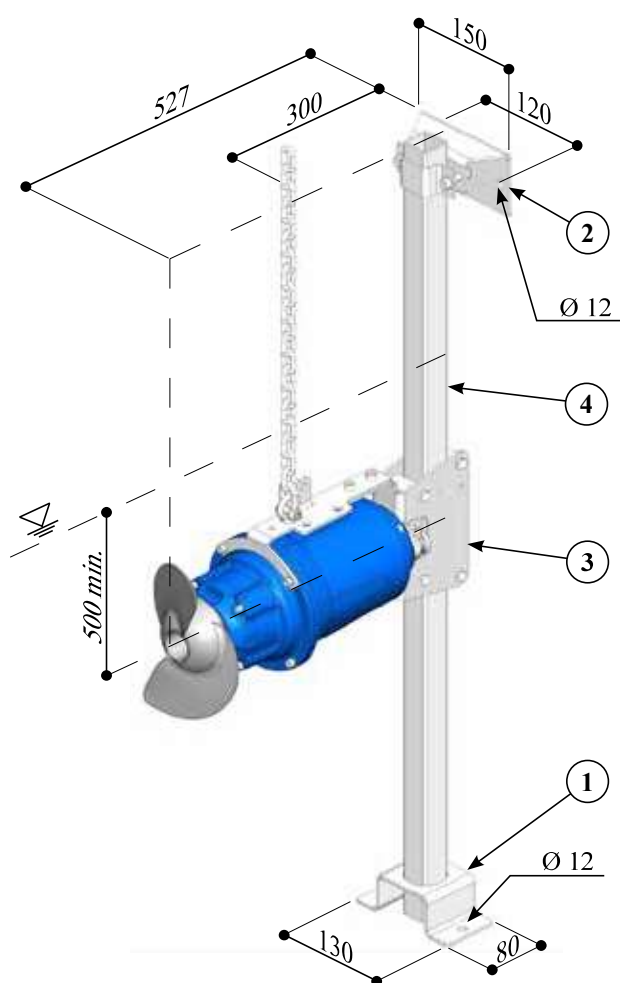
Costruzione - Construction



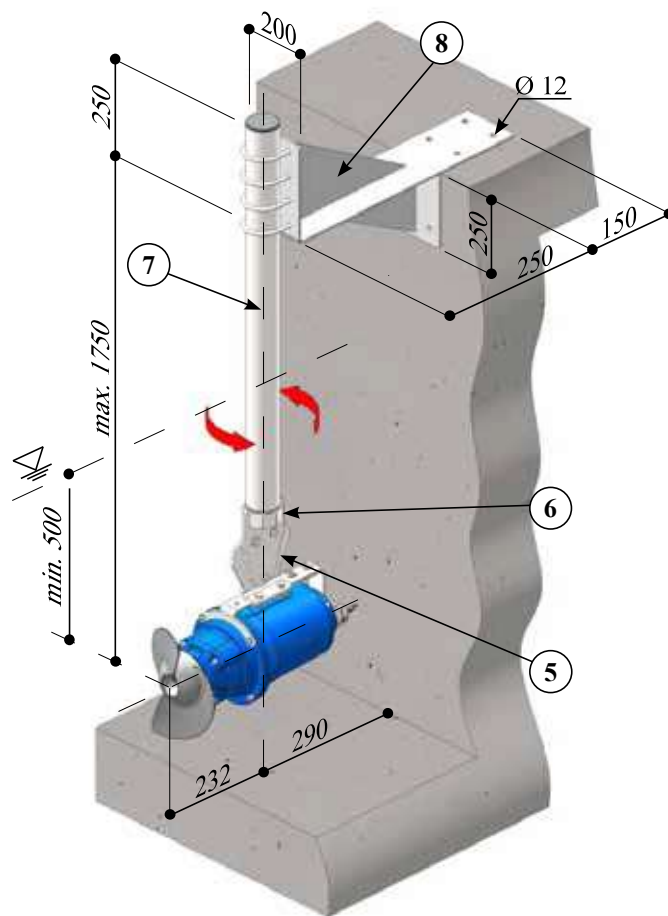
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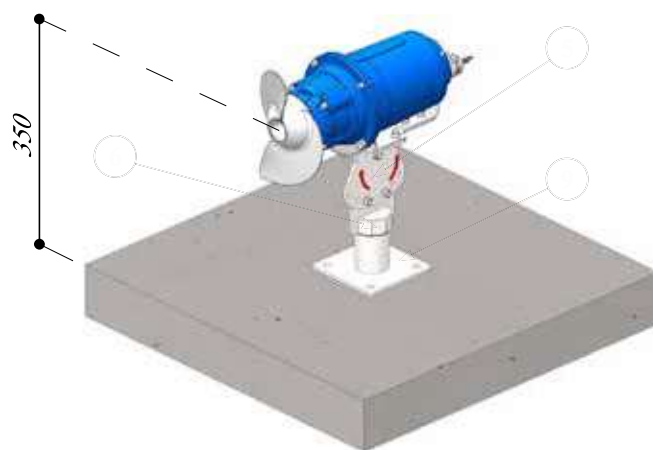
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