

# ***IMPIANTO DI MISCELAZIONE E INIEZIONE MIXING AND GROUTING UNIT***



## ***MINIGROUT II S***

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“Minigrout II S” è composto essenzialmente dalle seguenti componenti:

- Turbomiscelatore
- Agitatore
- Pompa iniezione (pompa a vite)
- Pannello di controllo

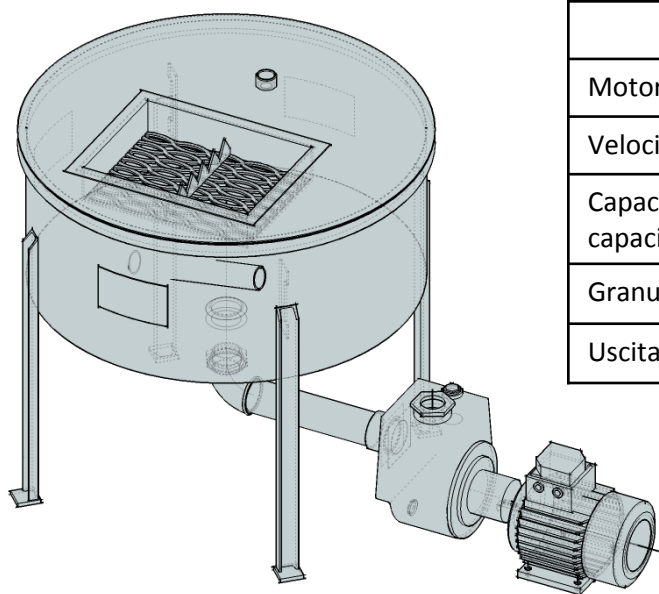
Minigrout II S deve essere usato con miscele fluide come malte, bentonite, additivi e aggregati cementizi con granulometria massima di 4 mm.

“Minigrout II S” grouting unit essentially comprises the following elements:

- High shear mixer
- Agitator
- Grout pump (progressive cavity pump)
- Control panel

Minigrout II S should be used with fluid mixtures such as mortar, bentonite, additives and concrete aggregate with a 4 mm maximum grain size.

## **SPECIFICHE TECNICHE / TECHNICAL SPECIFICATION**

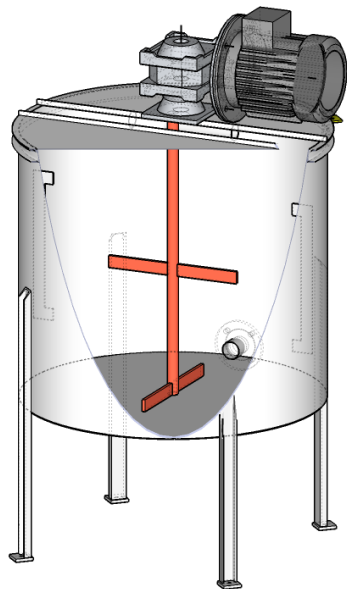


<b>Turbomiscelatore / High Shear Mixer</b>	
Motore elettrico / Electric motor	7,5 kW
Velocità di miscelazione / Mixing speed	1100 l/min
Capacità di miscelazione / Mixing capacity	350 l
Granulometria massima / Max grain size	4 mm
Uscita prodotto / Cement outlet	2"

The mixer is composed of a cylindrical tank into which water and cement are fed. The centrifugal impeller placed under the tank is driven by an electric motor that transmits the shaft motion by means of a joint. The impeller is used for both mixing the components and pumping the product into the agitation tank. On the top cover of the tank a bag breaker is fitted. The water is fed into the mixer trough a pipe system managed by manual valves whereas the grout is manually fed. A manual water meter shows the amount of water that enters to the mixing tank.

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<b>Agitatore / Agitator</b>	
Motore elettrico / Electric motor	3 kW
Velocità di miscelazione / Mixing speed	90 rpm
Capacità di miscelazione / Mixing capacity	700 l



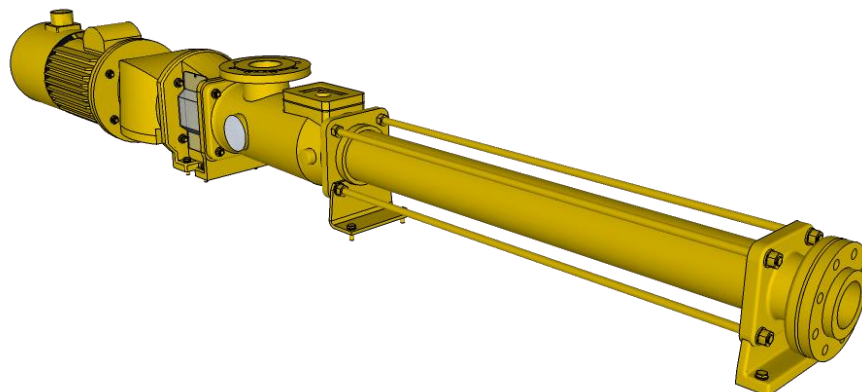
The L'agitatore è composto da una cisterna cilindrica dove viene trasferita la miscela. Le pale all'interno vengono mosse da un motore elettrico che mantengono le componenti della miscela in sospensione.

La pompa a vite assicura una portata costante fino ad una pressione massima di 20 bar

The agitator is composed of a cylindrical tank into which the grout from the mixer is transferred. The paddles inside are driven by an electric motor and keeps the grout mixed so as to maintain it homogenous and prevent it from separation.

The progressive cavity pump ensures a constant flow with a maximum pressure of 20 bar.

<b>Pompa iniezione / Grout pump</b>	
Tipo / Type	Pompa a vite / Screw pump
Motore Elettrico / Electric Motor	7,5 kW + 0,75 kW (ventola / fan)
Portata massima / Max flow rate	167 l / min (10 m <sup>3</sup> / h)
Pressione massima / Max pressure	20 bar
Usicita prodotto / Cement outlet	2"



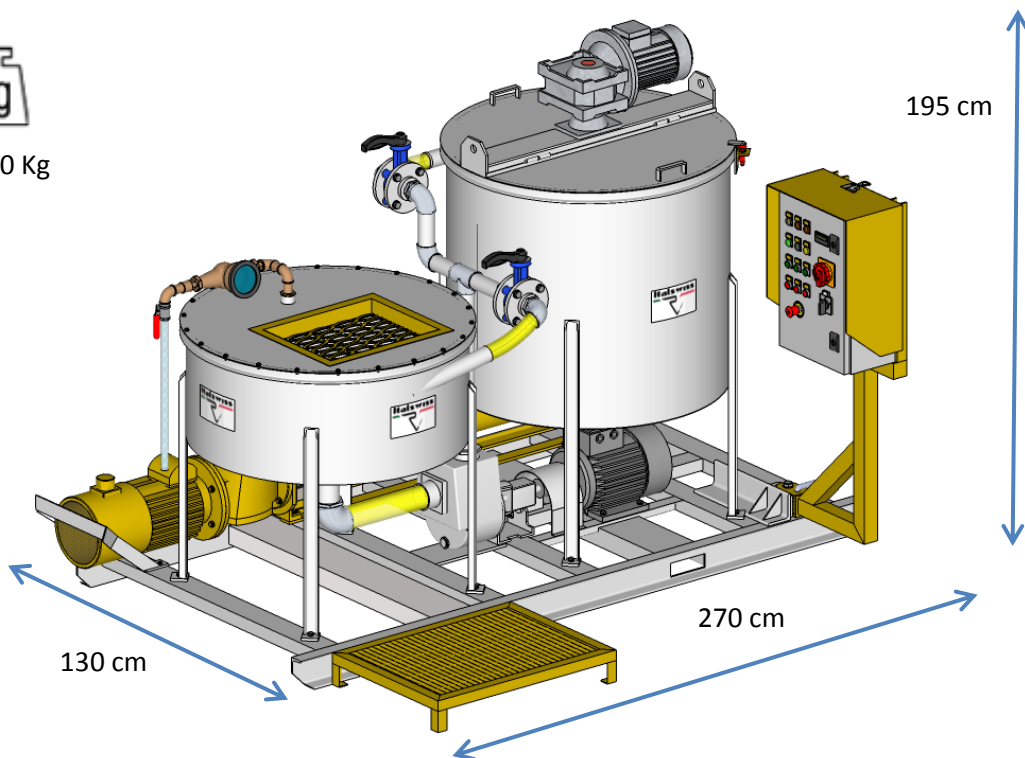
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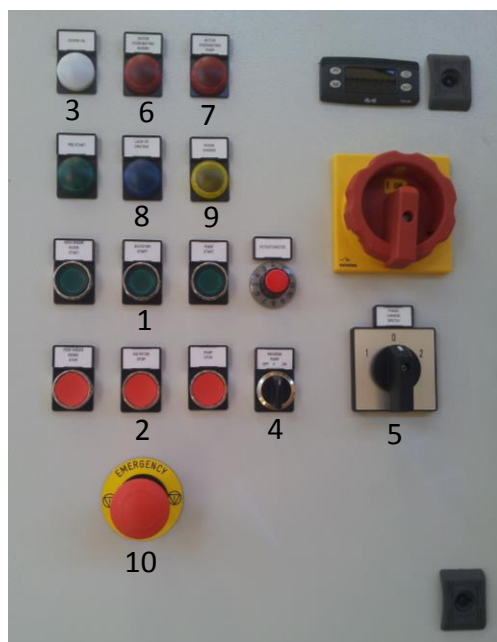
## PESO E DIMENSIONI / WEIGHT AND DIMENSIONS



1100 Kg



## PANNELLO DI CONTROLLO / CONTROL PANEL



1	Avvio / Start
2	Arresto / Stop
3	Presenza rete / Power ON
4	Potenziometro / Potentiometer
5	Inversione marcia / Pump reverse
6	Surriscaldamento / Overheating
7	Coperchio aperto / Open cover indicator
8	Macchina pronta / Pre start indicator
9	Indicatore di inversione / Pump reverse indicator
10	Arresto di emergenza / Emergency button