

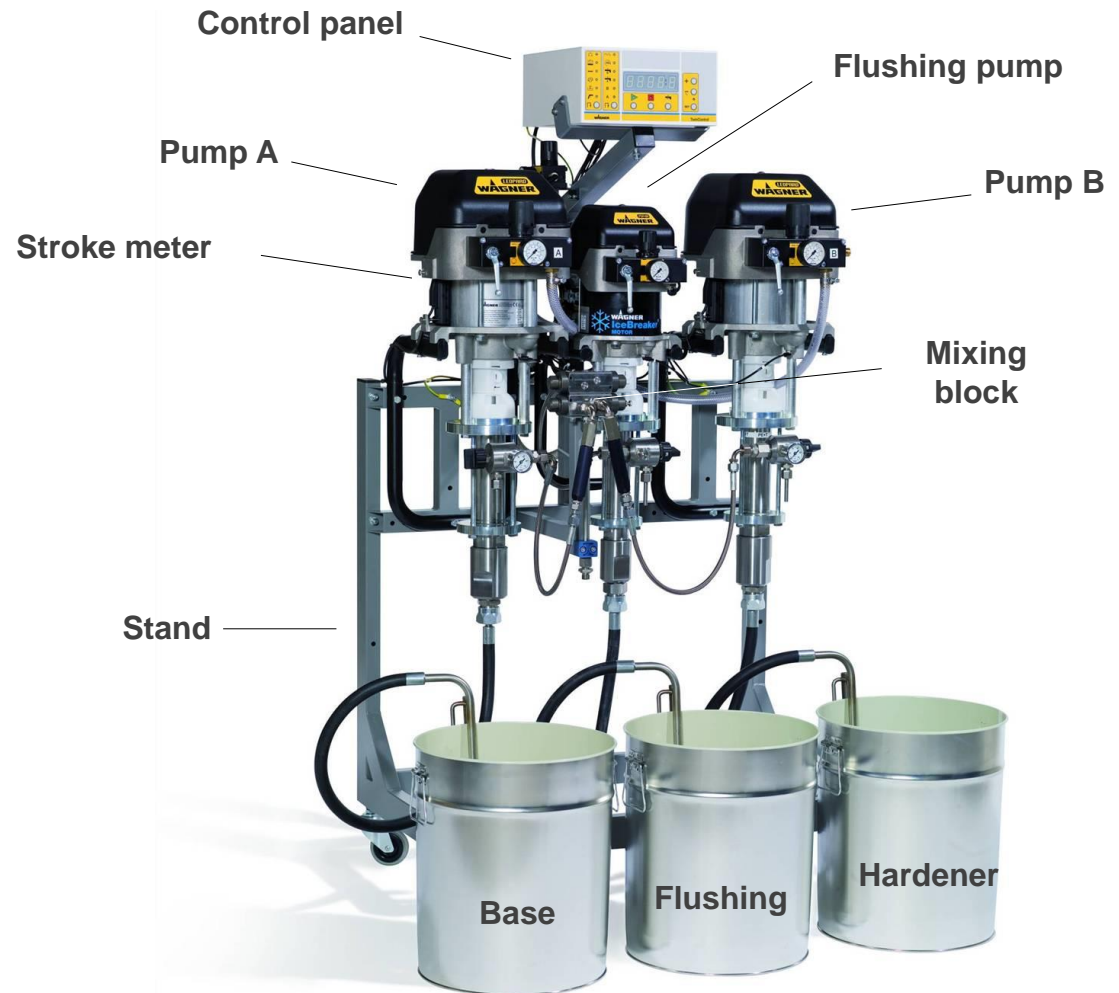
WAGNER TWIN CONTROL

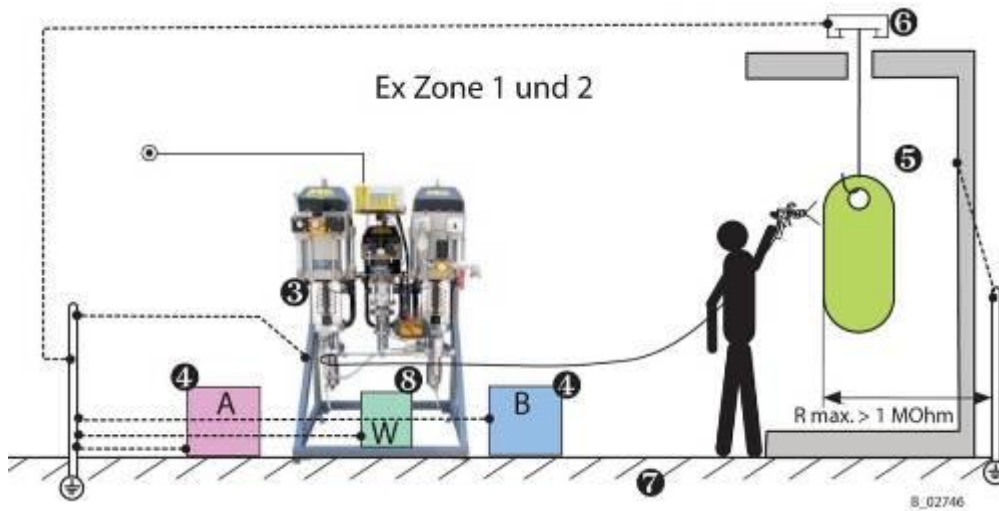
2K painting

Zagreb, 22.04.2016.

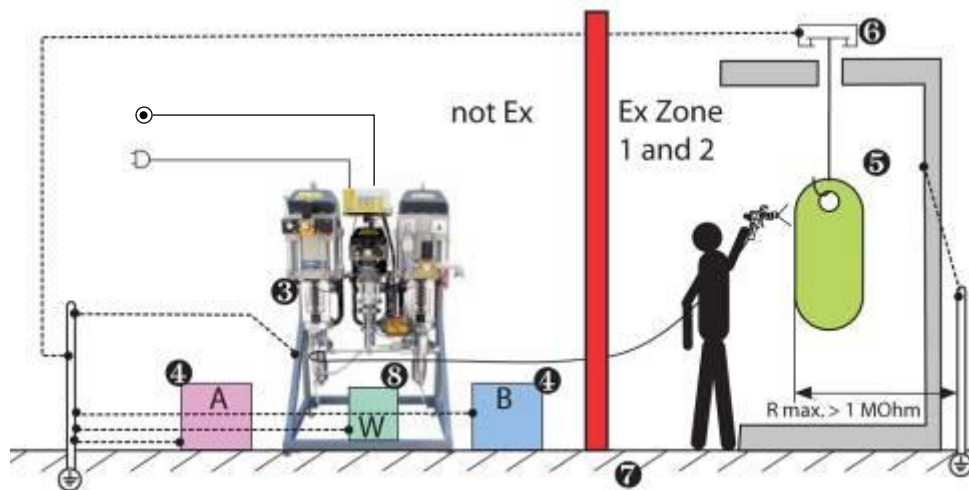
Tehnolak d.o.o.
Hrvoje Lovko, dipl.ing.stroj.

Unit overview





Turbine version

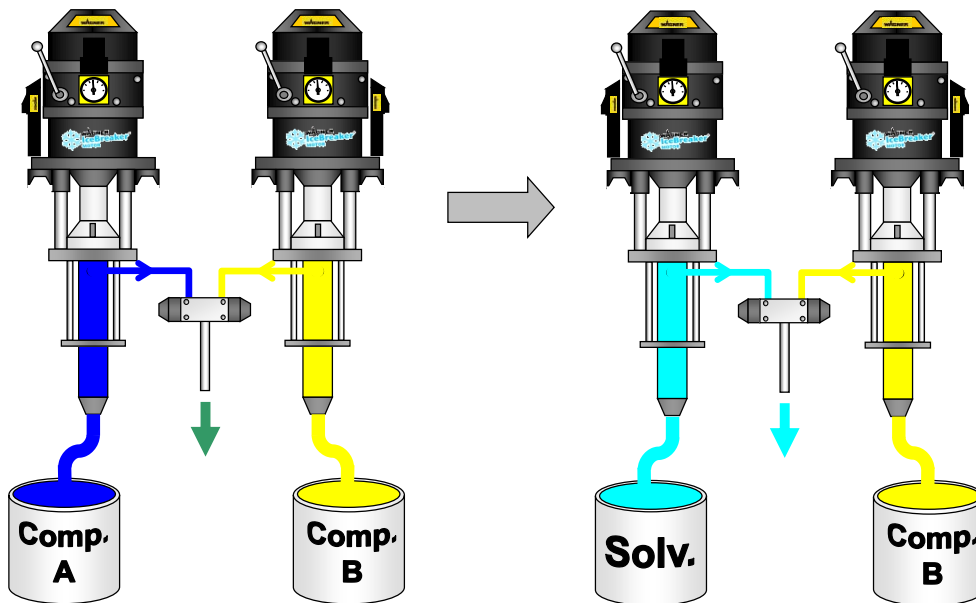


Cable version

Flushing without flushing pump

Spraying

Flushing

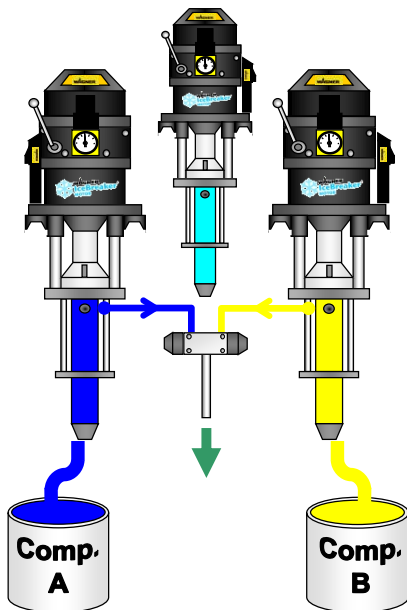


Problems:

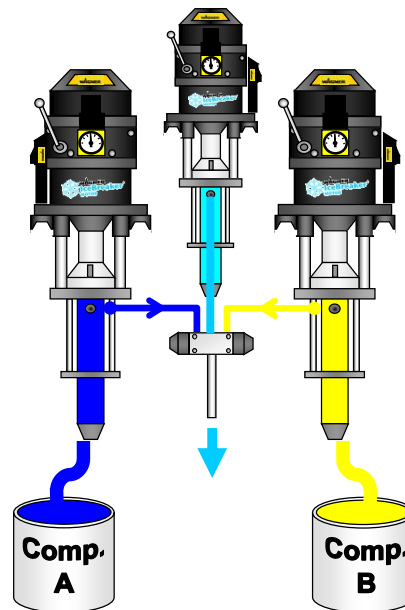
- Big solvent consumption
- Material waste
- Long and complex operation
- Pump gasket wearing
- Not hygienic conditions

Flushing with flushing pump

Spraying



Flushing



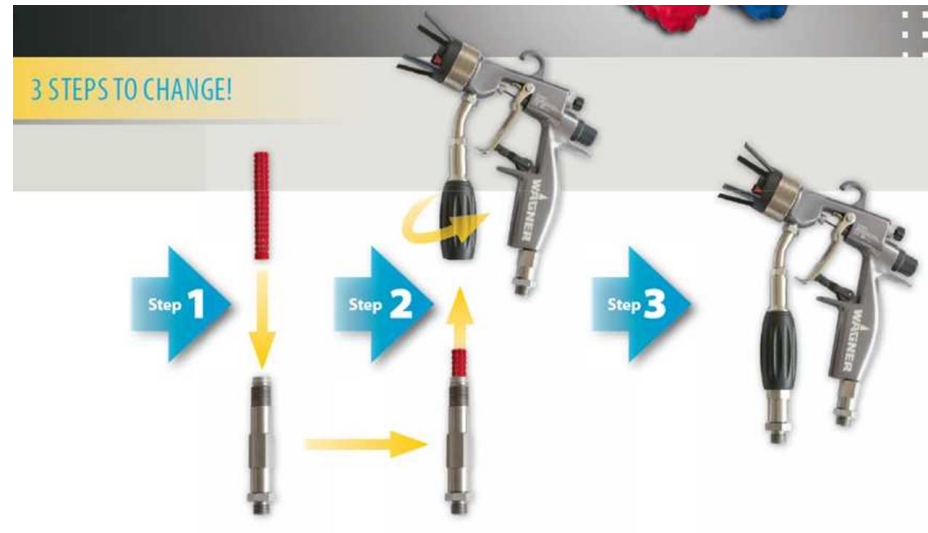
Big advantages!

- Flushing of the only mixed material
- Wastes reduction
- Fast and easy operation
- Reduced pump gasket wearing
- Better hygienic conditions

Related products: AirCoat® guns



GM 4700 AC



Related products: Airless guns



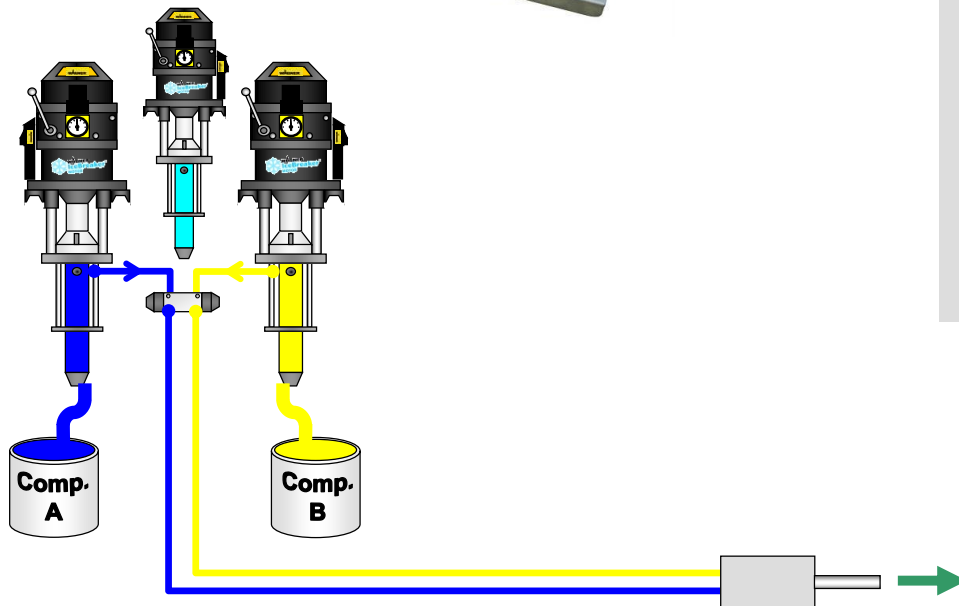
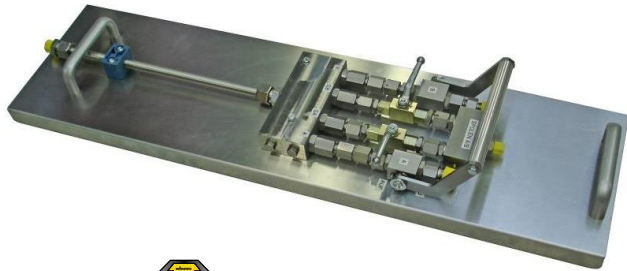
Accessories: Paint Heaters Kit



Specific kit for each pump type ready to be mounted on the TwinControl.

Recommended in case of high viscosity materials to improve spraying efficiency.

Accessories: Remote Mixer



It helps to reduce the quantity of mixed material in the spraying hose.

Recommended in case of very short pot-life time (less than 15 min).

Example of calculation:

	Manual mix	TwinControl without flushing pump	TwinControl with flushing pump
Pre-mixing time	10 min	-	-
Flushing time	20 min	15 min	2 min
Total time	30 min	15 min	2 min
Labor cost (32 €/hour)	16,00 €	8,00 €	1,06 €
Wasted paint	1,3 liter	0,8 liter	0,3 liter
Mixed paint left in the hobbock	1 liter	-	-
Total wasted paint	2,3 liter	0,8 liter	0,3 liter
Paint cost (7 €/liter)	16,10 €	5,60 €	2,10 €
Solvent consumption	3 liter	3 liter	0,5 liter
Solvent cost (0,6 €/liter)	1,80 €	1,80 €	0,30 €
Total cost for mixing/flushing	33,90 €	15,40 €	3,46 €
Cost per day(2 flushing/day)	67,80 €	30,80 €	6,92 €
Cost per year (220 working days)	14.916,00 €	6.776,00 €	1.522,00 €
Further disadvantages	<ul style="list-style-type: none"> • Inaccurate mix. ratio • Reworks and rejects • Not hygienic condition • Problem with WOC 	<ul style="list-style-type: none"> • Not hygienic conditions • Problem with VOC 	

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