

Romanoff KWS 8 Flask Investment Mixing Machine

High quality casting with minimum work

With this KWS investment machine you can produce your castings in a very effective manner. High quality standard of your castings and low staff costs will guarantee a fast amortization of the machine.

Pleasant and clean work through simple operation.

- Is simple to operate and ensures clean and pleasant working.
- The machine is equipped with a maintenance-free three-phase motor. There are two gears to adjust the speed for mixing and filling-in the investment material. During one operation sequence 70 kg of investment compound can be mixed and 6 or 8 flasks can be filled.
- Drive motor and mixing chamber are fixed to each other. This construction avoids malfunction of the machine.



Minimum maintenance and wear and tear

- All parts of the machine are made of stainless steel or of aluminium (Al). This results in minimum maintenance and wear and tear. The three-phase motor is maintenance-free. To protect the vacuum pump a filter-system has been installed which improves the life cycle of the pump substantially. The filling taps are made of a special alloy which is not affected by gypsum and water



Technical Details:

Filtering system for the protection of the vacuum pump improves the life cycle of the pump substantially.

The taps are made of a special alloy which is not affected by gypsum and water.

Gaskets which are affected by the corrosiveness of the gypsum and are used daily have a life cycle of 2 - 3 years. Through loosening two screws they can be removed for maintenance or replacement (no dismantling).

Maintenance-free three-phase motor.

Perfect protection against corrosion since all parts are made of aluminium (Al) or stainless steel.

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Processing



1. 8 flasks are placed in the mixer and the stirring unit is swivelled over them.



2. An adequate measured quantity of water is poured into the stirring container.



3. The weighed investment material is filled into the stirring container. The mixer is sealed with a plexiglass lid which allows surveillance of all procedures. Now the investment material is mixed with the water under vacuum. Through the opening of the filling taps the underneath placed flasks are filled while still under vacuum. It is also possible to fill-in the investment compound into the flasks using 3 - 4 taps. This procedure and simultaneous vibration allows flasks of highest quality to be produced.



4. To clean the machine the mixer is swivelled over the drain bowl and then cleaned with a spray nozzle. The stirring unit is hereby raised by 100 mm using a compressed-air cylinder.

for 8 flasks

- up to 70 kg embedding compound
- sieve insert
- pneumatic lift, comfortable cleaning
- complete stainless steel casing
- for a very high output capacity and for very big flasks

SPECIFICATIONS	DIMENSIONS IN MILLIMETERS
Max. diameter of flasks	160-200** mm
Max. height of flasks**	270*** mm
Max. number of flasks	8
Flask container diameter	610** mm
Height of flask container	300 mm
Max. volume of investment material	70 kg
Stirring container diameter	450 mm
Height of stirring container	600 mm
Type of electric current: threephase *	400V ~ 50Hz 2,1 KW
Width x Depth x Height of the machine	1340 x 840 x 1710 mm
Net weight with vacuum pump	282 kg
Gross weight	430 kg



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