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ALIVA AL-237 COMPACT SHOTCRETE UNIT

Machine

The AL-237 is a compact concrete spraying machine for dry-shotcrete as well as for small wet-shotcrete application of mortars. The low filling height of the hopper allows easy handling of pre-bagged materials with little effort. The integrated FU (Frequency changer) enables an infinitely variable speed of the rotor and with it the conveying capacity for each specific job. With a range of conveying capacity from 0.4 to 4.0 m³/h, the AL-237 is suitable especially, but not only for:

- ☑ Concrete renovation (entire surface or selectively)
- ☑ Joint-fillings
- ☑ Concrete restoration
- ☑ Swimming ponds, swimming pools
- ☑ Slope protection, slope stabilization
- ☑ Canal-renovation (sewage)
- ☑ Mining
- ☑ Everywhere mainly dry shotcrete is applied

Concrete renovation with sprayed concrete in the dry-shotcrete method guarantees for good bond strength and impeccable compaction. Depending on the requirement one of the Aliva machines is the right one for your application (AL-237, AL-257, AL-267).



Safety and Environment

The AL-237 is equipped with a robust rotor-protection to prevent accidents on the turning rotor. Same time the rotor-protector serves as dust collector to keep the environment free of dust.

Safety

The AL-237 includes a emergency button which stops the turning rotor immediately and closes a magnetic-valve for air supply completely. Accidents on the turning rotor or on the under pressure operating machine are eliminated.

Output

The speed of the rotor on the AL-237 is adjusted completely variable with a frequency converter. This gives you absolute freedom for adjusting your output. With only one rotor various jobs can be conducted. Automatic lubrication of the sealing gaskets is included.

Wet and Dry Spraying

The newly designed hopper of the AL-237 allows spraying wet- and dry mixes. With a simple engineered exhaust on the hopper, the AL-237 achieves filling degrees of the rotor chambers of up to 90%. Regular cleaning of the exhaust system on the hopper guarantees trouble free shooting of dry mixes and now and then wet mixes.

AL-237 Top, /Running gear

Height H1 with rotor

0.7 L = 980 mm

3.6 L = 1050 mm

2.0 L = 980 mm

5.6 L = 1130 mm