

ALPHA CR FLUID. EFFICIENT AND POWERFUL.

The fluid screed machine has been developed based on the alpha CR series. It has been designed for screed installers with particularly high demands on their machine. The alpha CR fluid is equipped with a 44,5 kW DEUTZ engine. Due to its 2,2 litres displacement, the engine has a high rotational speed. Apart from the trendsetting engine technology, BMS has equipped this system with the new eco-mode. When no material is conveyed, the machine engine speed (RPM) automatically. For this reason, the alpha CR fluid is particularly quiet, economic and efficient. It meets the new EU emission regulation Stage V.

The machine is also equipped with the proven hydraulic system developed by BMS. It is robust and powerful. The hydraulic pump is activated directly and works very efficiently. Conveying speed is continuously adjustable. The display shows all relevant data. Moreover, the additional agitator shaft in the hopper keeps the material in motion preventing the mixing material from setting down. Like all alpha machines, the system is equipped with the tried and tested BMS cooling system.



DEUTZ TD 2.2 engine with hydraulic unit



Robust 6-channel radio remote control



Display – protected by bulletproof glass



Additional agitator shaft in the 400 l hopper



The proven hydraulic system



MORE SAFETY. INCOMPARABLE COMFORT.

- ✓ Display for conveying speed
- ✓ Safety shutdown at the dome grid
- ✓ Stable and long-lasting stainless steel hood
- ✓ Highly rust resistant KTL-coated frame and hopper
- ✓ Refuelling made easy, tank filler neck on the outside
- ✓ 6-channel radio remote control
- ✓ Optional right-handed or left-handed rotation of the screw conveyor
- ✓ Additional agitator shaft in the hopper
- ✓ Vibrator for the grid
- ✓ Conveying speed continuously adjustable
- ✓ Lockable toolbox
- ✓ Integrated working light
- ✓ Height adjusting coupling device
- ✓ Sturdy chassis with mechanical overrun brakes and central height adjustment
- ✓ Sound power level according to guideline 2000/14/EG

TECHNICAL FACTS

	STANDARD
Conveyance pressure	40 bar
Conveying distance*	200 m
Conveyor height*	30 Floors
Output*	up to 20 m³/h
Drive motor	DEUTZ TD 2.2 44.5 kW
Chassis/Axle	2,000 kg
Weight (depending on equipment)	1,500 kg
Length	4,300 mm
Width	1,500 mm
Height	1,590 mm
Fill level	930 mm
Volume hopper	400 litres
Max. grain size	12 mm
Tank capacity	75 litres



* All data is based on experience and is dependent on the material used. Construction and design are subject to technical alterations, errors and printing errors excepted.

BMS ALPHA CR FLUID

DEVELOPED FOR MEGA PROJECTS
ALPHA CR FLUID XL
 + large screw conveyor 2L8
 + extra large hopper
 + more powerful hydraulic motor



ADVANTAGES. ADDITIONNAL EQUIPMENT.

- + Power generator 5,5 kW/16 kW
- + Feeder or Feeder / Scraper
- + Pressure gauge in the pressure joint
- + Dry-run protection
- + Registration for 100 km/h
- + Working light 108 watt LED
- + Special paintings/ customer labelling
- + GPS tracking system
- + Rear canvas
- + Spare wheel holder

