

## CONCORE Multifunction machine



Preparing beds before casting is an labour intensive work, The Concore multifunction machine is therefore one of the most cost saving machines. It's not only saving on labour but also in there will be a big difference in the time preparing the beds. Therefore the return of investment on a Concore multifunction machine will be a very short time.

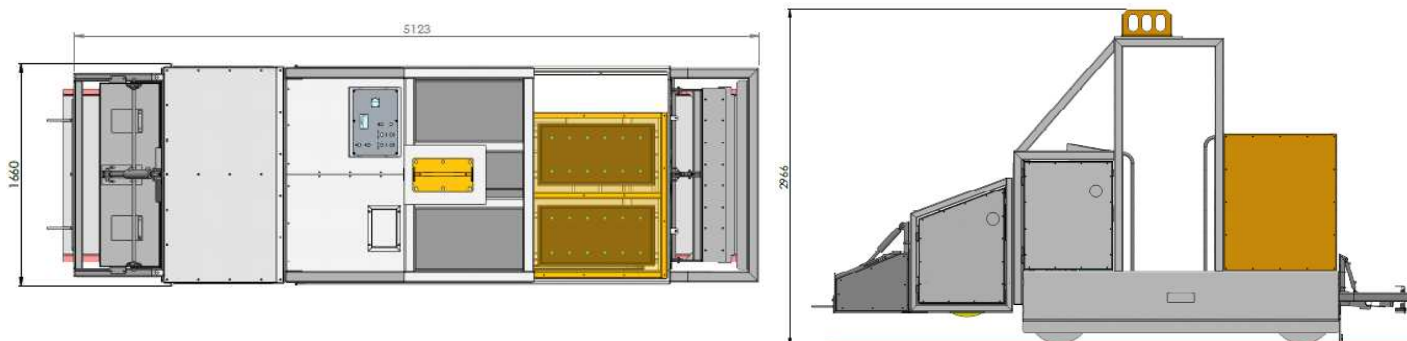
The power supply of the machine is supplied by a battery package, 48 VDC/ 750 Ah. The battery charger is integrated in the machine. Optional we can also provide the machine with a cable reel instead of a battery pack.

The Concore multifunction machine is a powerful 4-wheel driven machine which is used for cleaning the beds, pulling strands and oiling the bed. The machine is provided with a lifting device for strands, during oiling the strands will be picked up and therefore will be free of mould oil. The machine is provided with a rotating brush, up and down movement hydraulic, which brushes the debris into a bin. The bin can be emptied hydraulically. The backside is provided with a oil system and wiper.

The Concore multifunction machine is provided with a very powerful drive gear with a torque of 900 Nm. This will make you be able to pull, in most situations, all strands in just 1 go. The Concore multifunction is also the fastest in the business, with a maximum speed of 100 meters/minute (fully adjustable 0-100 with joystick) The operations of the machine are combined in a well-arranged control panel, which is located at the operator stand of the machine. The operator stand is also provided with protective safety cage all around.

Optional the Concore multifunction machine can be provided with several extra's, such as dust extraction system and gutter cleaning.





*Please note the dimensions are indicational, we can change dimensions to your specific needs.*

#### Dimensions and weight.

Length	: ± 5100 mm;
Width	: ± 1660 mm;
Height	: ± 2966 mm;
Weight	: ± 4840 kg;
Mechanical construction	: metal;
Paintwork	: 2 component paintwork;
Color	: RAL7004 (grey), RAL5005 (blue) and RAL1003 (yellow). (Own company colors possible)

#### Speed and power.

Driving speed	: 0-100 m/min full adjustable;
Output torque drive gear	: 900 Nm, Dynamic efficiency 96%;
Brush RPM	: 126 r/min;
Output torque brush	: 665 Nm, Dynamic efficiency 96%;

#### Electrical specifications.

Voltage	: 48 VDC;
Battery capacity	: 750 Ah;
Max. current	: 250 A;
Control voltage	: 24 VDC;
Battery charger	: 400 VAC, charging time < 8hrs
Electrical demands	: NEN-EN-IEC 60204-1:2006/C11:2010.

#### Benefits in a glance:

- Reduce labour costs
- Fastest in the business, 4 wheel drive 0-100 m/min
- Strong wire pulling capacity, drive torque 900 Nm
- Mould oil pressure adjustable
- Multi task machine
- Easy adjustable brush and scraper system
- Easy to operate
- Also available in bigger sizes, such as for wall panel production

