



GIANT 3.0

HEAVY-DUTY MECHANICAL
ELEVATOR TRAILER SWEEPING MACHINE



MADE IN SWEDEN



HEAVY-DUTY MECHANICAL ELEVATOR TRAILER SWEEPING MACHINE

Outstanding capacity up to over 1.2 ton per minute
Load coarse waste material quickly and direct from street onto truck



GIANT 3.0

EASY TO OPERATE
EASY TO MAINTAIN
BUILT TO LAST



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HEAVY-DUTY MECHANICAL
ELEVATOR TRAILER SWEEPING MACHINE




NEW COMPACT SWEDISH
QUALITY DESIGN

EASY TO OPERATE
EASY TO MAINTAIN
BUILT TO LAST

Outstanding capacity up to over 1.2 ton per minute
Load coarse waste material quickly and direct from
street onto truck

+ BENEFITS OF ABL GIANT 3.0

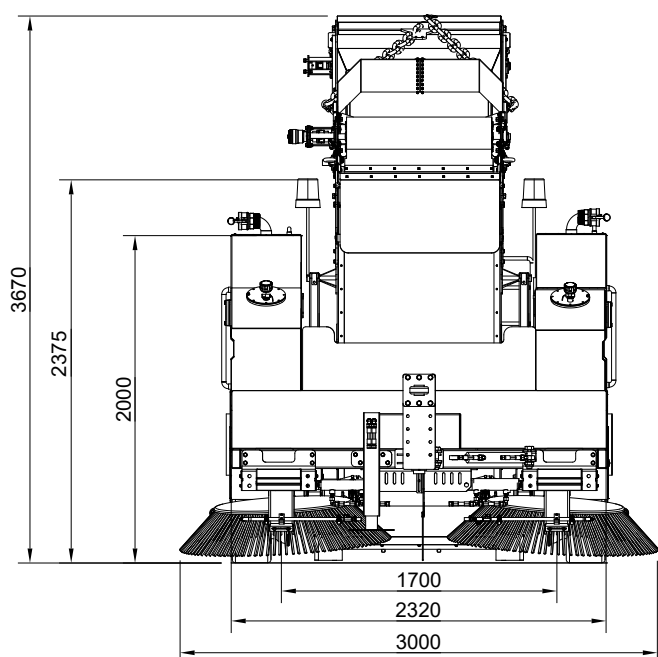
- + Highway transport Speed 80 Km/h
- + Work fast, efficiently between the workplaces
- + Wheel axle with air brake
- + Leaf spring suspension
- + Adjustable sweeping width left/right side brush
- + Outstanding sweeper performance
- + Optimized height/width of conveyor
- + Designed so that systems are accessible and easy to service
- + Low maintenance costs
- + Easy to clean
- + Module design
- + One touch easy control panel in drivers cabin
- + Adjustable water bars
- + Signal horn
- + Conveyor height 3 m

TECHNICAL SPECIFICATION

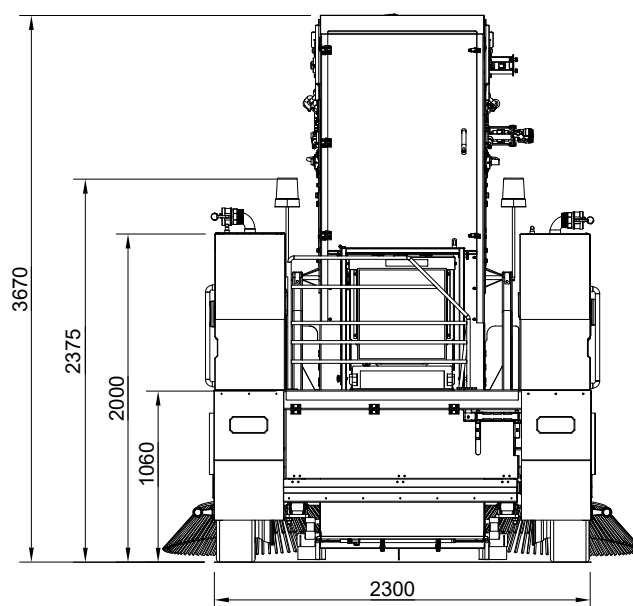
Chassis	Built by steel profiles
Weight	ca 3500 service weight total 5070 kg
Sweeping width	2500-3000mm
Hydraulic pump	Gear pump 60 l/min max pressure 150 Bar
Hydraulic motors	Orbit motors
Hydraulic valves	Proportional on/off
Hydraulic filters	High pressure filter
Hydraulic tank	130 liter or specific
Remote box	Can - Bus display
Water tank	2x700 liter or specific
Water pump	2 electric 12v membrane pump
Pressure water	3,5 Bar
Capacity water	32 liter/min
Water spray nozzles	10 units
Rims	17,5"
Tires	215/75 R17.5
Air pressure	675 kpa
Wheel axle	6,5 tons with spring leaf, drum brakes
Parking leg	Hydraulic adjustable in height
Towing bar	Adjustable in height
Towing eyelet	Rockinger 40mm or country specific
Centre brush	Floating automatic suspension

Inner core centre brush	Welded steel
Brush material	Plastic/steel or steel/plastic mixed
Diameter centre brush	750mm
Width centre brush	1016mm
Two side brush	Floating automatic system
Diameter side brush	1300mm
Elevator belts	3
Elevator rakes	20
Elevator safety door	1
Conveyor belt	Width 900mm
Wind cover conveyor	1
Auxiliary engine	CAT, Yanmar 62,5kw
Number of cylinders	4
Power output	62,5 kW 2200-2400 rpm
Automatic engine stop	Low oil pressure overheated engine
Air filter engine	Filter with cyclone precleaner
Cooling system	Combi cooler water/hydraulic oil
Diesel tank	130 liter or specific
Level indicator all tanks	Visual on tank
Sweeping speed	1-20 km/h
Transport speed limit	80 km/h

MAIN DIMENSION FRONT VIEW



MAIN DIMENSION REAR VIEW





ABL GIANT 3.0 IS BUILT ON MODULE DESIGN

Water tank, hydraulic tank, diesel tank are separate units

Material and size can be selected according to wishes before production starts

And it is also easy to replace any of these if needed

The ABL GIANT 3.0 module systems make it very easy to service machine as these can be easily removed

» STANDARD

- » Adjustable speed conveyor
- » Manually parking leg
- » Working lights
- » Electric water pump
- » Automatic brush suspension
- » Wheel axle with spring leaf
- » Remote box Can-bus display
- » Level indicator water/diesel/hydraulic tank
- » Signal horn
- » Toolbox

+ OPTION

- + Rear view camera
- + Hydraulic sweeping width on both side brushes
- + Hydraulic adjustable drawbar
- + Hydraulic water pump
- + Hydraulic parking leg
- + High pressure washer
- + Air brakes
- + Central lubrication
- + Ventilator to reduce the dust
- + Adjustable water bars
- + Wireless remote control
- + Digital level indicator in display
Water/Diesel/Hydraulic tank

WITH ABL ES SWEEP CONTROL, SWEEPING BECOMES A PLEASURE

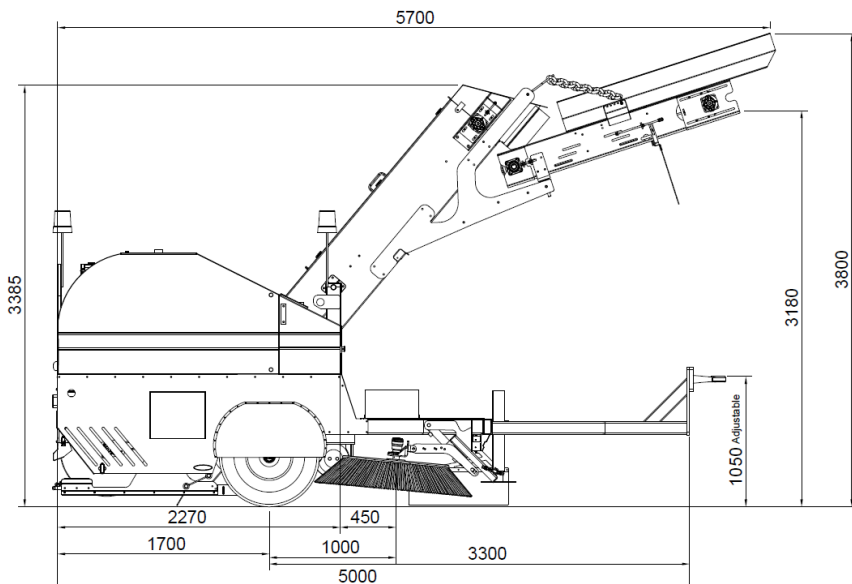
ABL ES Sweep Control, has been developed based on a Clear goal. We want to make it easier for the driver to Work.



+ FOUR STRONG ADVANTAGES OF ABL ES SWEEP CONTROL

- 1 Simplicity**
Functions are controlled with joystick and a display, this make handling easy. The driver receives continuous feedback from machine during his work session.
- 2 Flexibility**
System handles all sweeper functions and applications.
- 3 Modern interface**
Stylish and logically constructed control panel shows simple function and selected setting values.
- 4 Reliable**
The system is robust and tested to manage tough working environments, and tough climates

» MAIN DIMENSION SIDE VIEW



» MAIN DIMENSION COMPONENTS

1. Watertank
2. Hydraulic tank
3. Diesel tank
4. Diesel engine
5. Elevator
6. Conveyour
7. Hydraulic valves
8. Side brush
9. Centre brush
10. Wheel axle
11. Motor hood
12. Support leg
13. Collector shoe
14. Towing bar
15. Side cover

