



BRODD



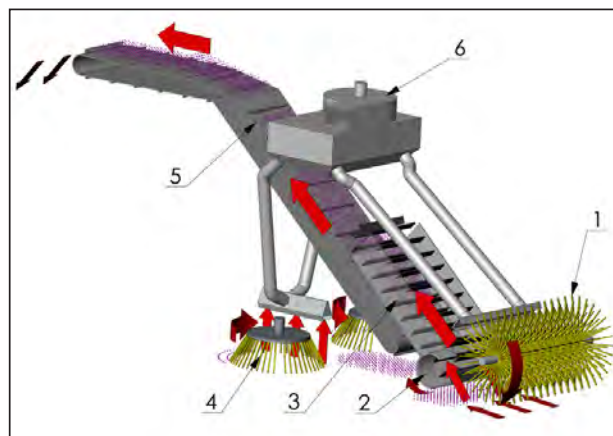
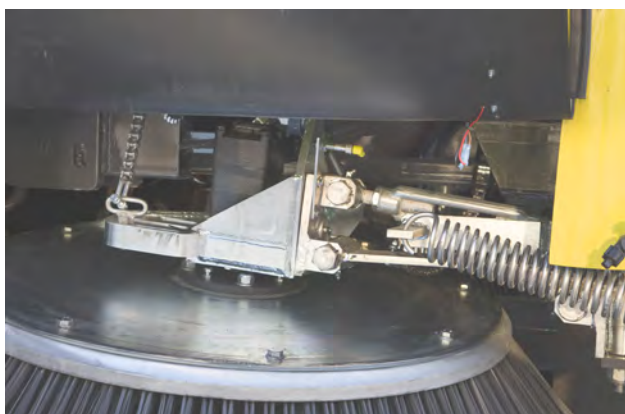
■ 80 km/h transport speed

BRODD EUROPA

- The heavy duty, high transport sweeper

Simple, sturdy and silent - the elevator principle

Both side brushes (4) sweep the dirt into the middle of the sweeper, the wide roller brush (1) throws the debris up into the feeding screw (2) further up to the elevator (3) equipped with easy replaceable rubber rakes - and the conveyor belt (5) transports it up to the platform body of the truck. The suction system (option) (6) prevents the dust.



1. Roller brush
2. Feeding worm
3. Elevator
4. Side brush
5. Conveyor belt
6. Suction system (option)

Powerful engine

The sweeper is powered by a diesel engine. (Step 3 certified). Equipped with oil cooler as well as oil bath air filter to facilitate powerful and trouble free operation. (fig. 1)

Sprinkler system

The hydraulically driven membrane pump with a capacity of maximum 26 l/min forms a water screen in front and around the side brushes.

Another ramp is located in front of the roller brush and effectively prevents dust. (fig. 2+3)

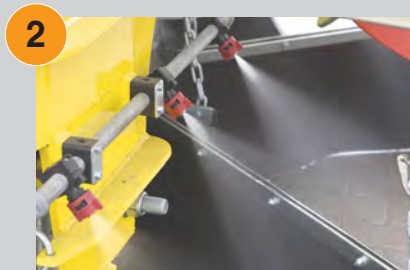
"BRODD float" brush suspensions

The side brushes as well as the roller brush automatically adjust the correct pressure to the road surface.

Due to the unique "BRODD float" system no manual adjustments of the brush suspension must ever be done.



The sweeper is powered by a diesel engine - step 3 certified.



Another ramp is located in front of the roller brush and effectively prevents dust.



Hydraulically driven membrane pump.

Simple maintenance

The heart of the sweeper, the electrical and hydraulic valve system is built into a locker, well protected from dust, moisture and damage.

Fashioned hydraulic system

EUROPA is equipped with a reliable and advanced hydraulic system.

All operations are easily accessible from the centrally located control unit.



Weed brush unit (option)

For fluffing and to remove hard, compacted sand and weed from the street and the kerb an additional weed brush is available as an option. It is electrically controlled from the driver's cab.



Suction system (option)

for collection of fine dust at the roller brush and side brushes. Prepared for the PM10 standard. (fig. 4)

Remote control

Easy comfortable remote control unit operated from the driver's cab with the following functions:

- Light in the on/off buttons
- Engine start/stop
- Sweeping on/off
- Water pump on/off
- Individual speed control of the conveyor belt for full loading on the platform body of the truck
- Beacon lights on/off
- Conveyor up/down
- Side displacement of the draw bar
- Adjustment of tilting angle right side brush
- Breaking up attachment up/down (option)
- Suction unit on/off (option)



4



Suction system (option).



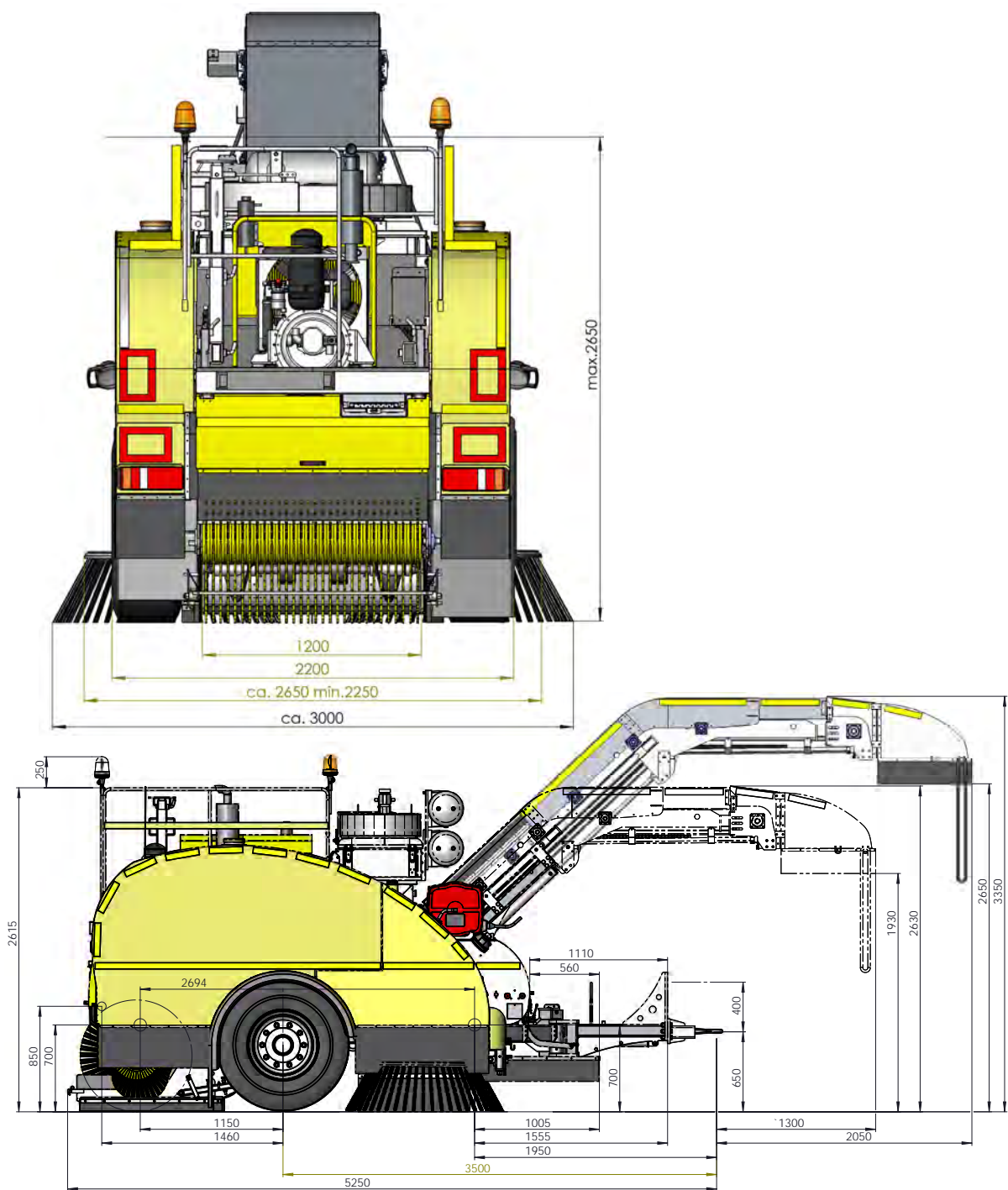
Third side brush (option).

For extension of sweeping width, right side.



Height regulation of the conveyor

Hydraulically regulation allows you to adapt the sweeper to different truck heights.



Epoke A/S
 Vejervej 50, Askov
 6600 Vejen
www.epoke.dk





BRODD



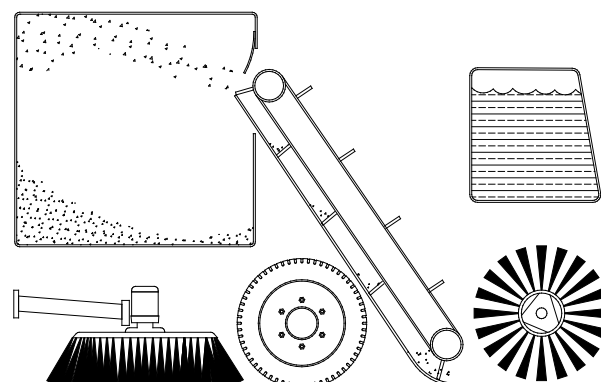
BRODD GOTHIA

- *The up-to-date sweeper*

The elevator principle

The side brushes (1) sweep the debris into the middle of the sweeper - the wide roller brush (2) throws it up to the sturdy elevator (3) equipped with rubber belts - and transports it further up to the 3,100 litres litter hopper (4). The sprinkler system (5) prevents the dust.

It gets CLEAN - fast and efficiently.



Remote control with built-in hour meter shows the operation time

All sweeping operations are operated from the driver's cab. Sweeping on/off. Water pump on/off. Hopper up/down. Draw bar left/right. Sweeping width adjustment. Individual speed control of the side brushes, roller brush and elevator, etc. (fig. 1)

Sprinkler system

High performance hydraulic driven water pump with 26 litres/min capacity. The stainless steel water tank with 1,100 litres capacity combined with spraying nozzles in front of the sweeper and in the elevator ensures efficient for an efficient dust-control. (fig. 2)

Fashioned hydraulic system

GOTHIA is equipped with a reliable and advanced hydraulic system. All operations are easily accessible from the remote control box, which is located in the operator's cabin.

All operations are also accessible for service through the hydraulic valves. (fig. 3)

Simple and fast to couple up

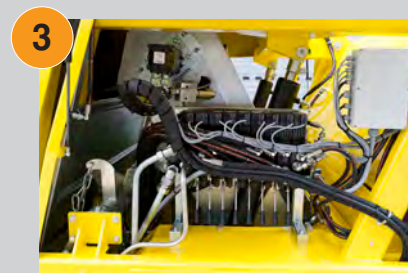
Go backwards close to the sweeper and couple up the draw bar, connect the electric system for remote control and lighting, connect the gear box with the hydraulic pump to the power-take-off of the towing vehicle. In a few minutes GOTHIA is ready for sweeping.



Remote control with built-in hour meter shows the operation time



Sprinkler system



Fashioned hydraulic system

Dumping height of 2,640 mm

GOTHIA can dump in any container or even directly onto the platform body of a truck. This feature will save you time and expensive daily transports to the discharge place. (fig. 4)

Hydraulically adjustable sweeping width - "side shift" (option)

The sweeping width is hydraulically adjustable by approx. 200 mm at each side.

Simple, sturdy and silent

The hopper design with high rear dump allows for easy access to all sweeping functions such as elevator, hydraulic system and water pump.

The side covers as well as the cover over the roller brush are opened with gas cylinders which even hold them in elevating position.

Tilting angle adjustment (option)

Hydraulic tilting of right side brush from remote control box. Automatic return to normal preselected sweeping angle.

Working lights on both side brushes. (fig. 5)

High pressure washing pump (option)

Hydraulic high pressure pump with 170 bar capacity for selfcleaning as well as cleaning of park benches, in corners, tunnels etc. The washing unit is equipped with 13 m hose reel and high pressure gun fittings. (fig. 6)

Side displacement of the draw bar (option)

GOTHIA is as option equipped with a hydraulic left/right displacement of the draw bar. It is remote controlled with joystick. The flexibility in curves and around e.g. poles gets even better and you can simply sweep "every corner" clean.

The side brushes as well as the roller brush look after themselves without any adjustments during the full life time of the brushes. Due to the unique "BRODD-float" system (standard) they will always automatically be adjusted to have the correct pressure to the surface.



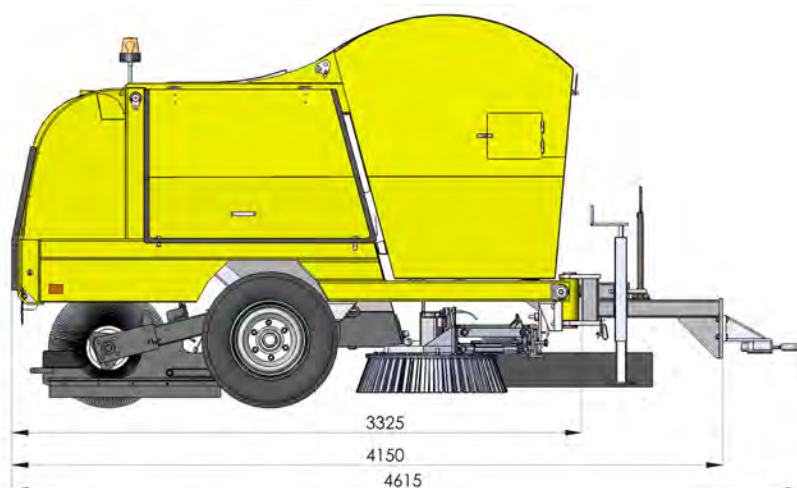
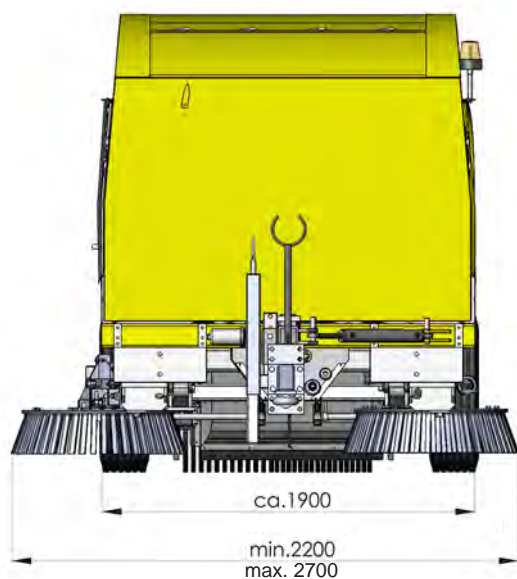
Dumping height of 2,640 mm.



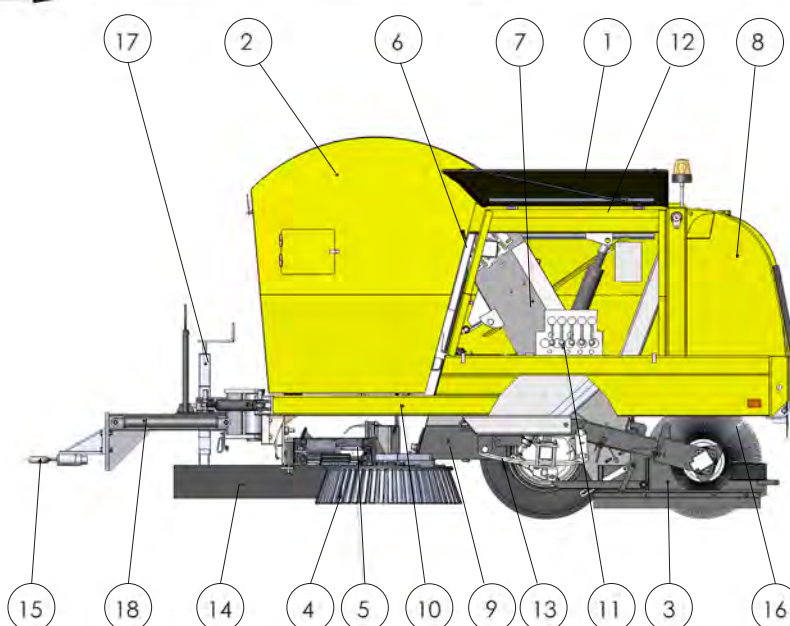
Hydraulic tilting of right side brush from remote control box



High pressure washing pump (option).



1. Side cover
2. Litter hopper
3. Collector shoe
4. Side brush
5. Side brush mounting
6. Lift cylinder - elevator lid
7. Elevator
8. Water tank
9. Hydraulic oil tank
10. Chassis frame
11. Hydraulic valve attachment
12. Lift arm - litter hopper
13. Leaf spring
14. String collector
15. Towing eyelet
16. Roller brush
17. Parking support leg
18. Towing bar





BRODD



BRODD MASTER

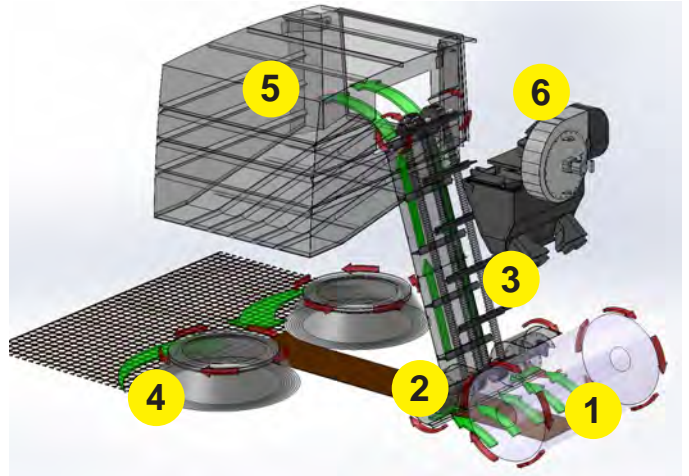
- Truck mounted high capacity elevator sweeper

Simple, sturdy and silent

- The sweeping principle

Both side brushes (4) sweep the dirt into the middle of the sweeper, the wide roller brush (1) throws the debris up into the feeding worm (2) further up to the elevator (3) equipped with easy replaceable rubber rakes and transports it into the litter hopper (5).

The suction system (option) (6) prevents the dust and it gets clean - faster and even more efficiently!



Suction system (option)

Master sweeper can be equipped with an effective suction ventilator for collection of the fine dust which is usually created during the sweeping operation.

Easy maintenance

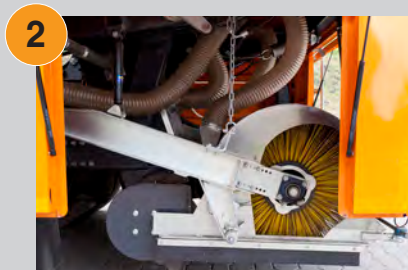
Easy availability for service and maintenance of the sweeping unit. Just remove the covers and you have full access for simple maintenance. (fig. 1+2)

Remote control system

Everything in view from driver's seat. All functions of the sweeping unit can be operated from this control box. The switches are equipped with lights. (fig. 3)



Easy maintenance.



Easy maintenance.



Remote control system
Everything in view from driver's seat.

Sprinkler system

1600 l water together with the hydraulically driven water pump guarantees almost dust free sweeping. Water ramps are available in front of each side brush, behind the roller brush and in front of the truck.

High dumping litter hopper with 3200 mm dumping height

You can dump directly on the platform body of a truck. (fig. 4)

Full automatic floating brush suspension

The side brushes as well as the roller brush look after themselves without any manual adjustments during the full lifetime of the brushes. (fig. 5)

Fashioned hydraulic system

The power for the sweeper unit is taken from the PTO of the truck engine. The sweeping unit comes with a unique load sensing pump which delivers at any time the correct pressure and oil flow. The valve block is mounted behind easy accessible cover. (fig. 6).

4



High dumping litter hopper with 3200 mm dumping height.

5



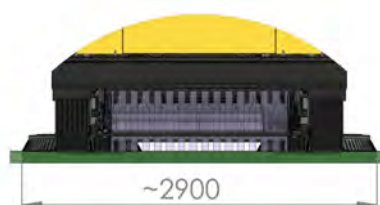
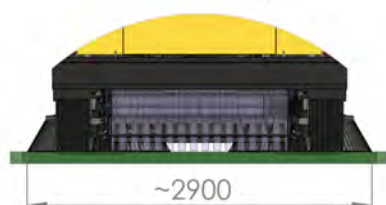
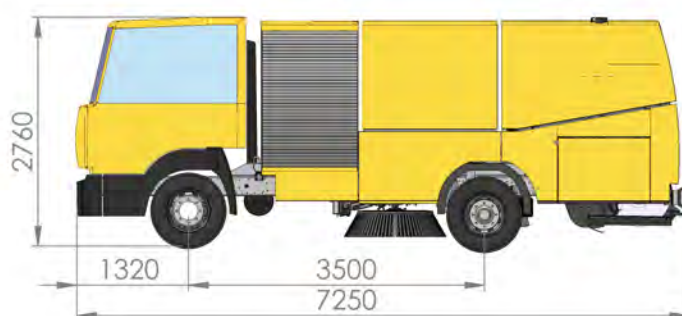
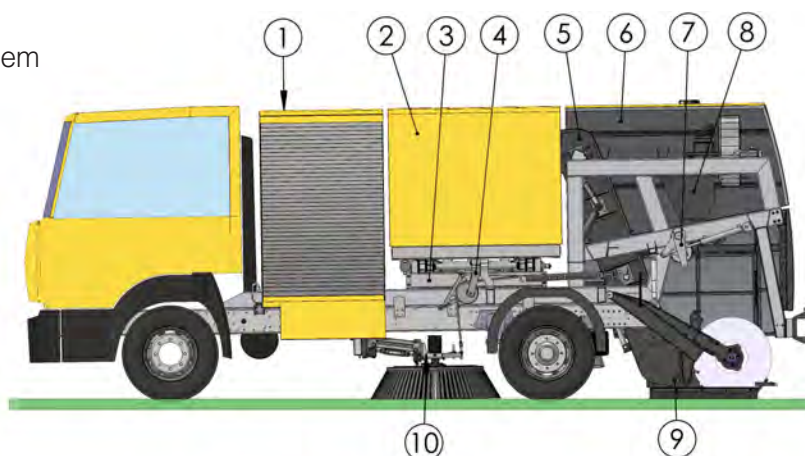
Full automatic floating brush suspension

6



Fashioned hydraulic system.

1. Cabinet for hydraulic, electric and water components
2. Litter hopper
3. Scissors system for hopper
4. Automatic brush suspension system
5. Elevator
6. Water tank
7. Lifting device for roller brush
8. Ventilator, suction unit
9. Feeding worm, roller brush
10. Side brush





BRODD



BRODD Scandinavia

- The heavy duty sweeper

Simple, sturdy and silent - the elevator principle

Both side brushes (1) sweep the debris into the middle of the sweeper. The wide roller brush (2) throws it up to the sturdy elevator (3) equipped with easy replaceable rubber rakes - and the conveyor belt (4) transports it up to the platform body of the truck. The sprinkler ramp (5) prevents the dust and it **gets clean - fast and efficient!**

Brush suspensions

The side brushes as well as the roller brush adjust automatically the correct pressure to the road surface.

Due to the unique floating system no manual adjustments of the brush suspension must ever be done.

Manual adjustment of the side brushes as alternative. (fig.1).

Several engine options and sound absorbing engine hood

We assemble according to customer and market demands Perkins or Kubota diesel engines. Engine selections for all environmental requirements: EU Stage IIIB/IV certified, EU Stage IIIA certified or uncertified for certain markets.

The engine hood is of course covered with sound absorbing materials to reduce engine noise.

(fig. 3)

The simple and reliable sweeping principle



- | | |
|-----------------|-------------------|
| 1. Side brush | 4. Conveyor belt |
| 2. Roller brush | 5. Sprinkler ramp |
| 3. Elevator | |



Sprinkler system

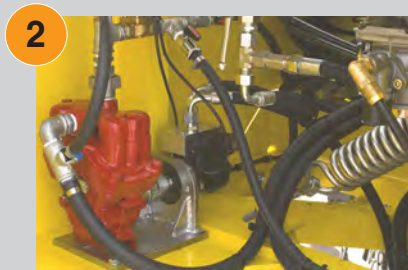
Two electrical membrane pumps forms a water screen in front and around the side brushes.

Another ramp is located in front of the roller brush, which effectively prevents from dust.

Hydraulically driven membrane pump as option. (fig. 2).



Brushes and roller adjust automatically.



Hydraulically driven membrane pump as option.



Several engine options.



Simple maintenance

The heart of the sweeper, the electrical and hydraulic valve system is built into a locker, well protected from dust, wetness and damage.

Fashioned hydraulic system

BRODD Scandinavia is equipped with a reliable and advanced Danfoss hydraulic system. All operations are easily accessible from the central located unit.

Side displacement of the draw bar (option)

BRODD Scandinavia can be equipped with a hydraulic left/right displacement of the draw bar. It is remote controlled with joy-stick. The flexibility in curves and around e.g. poles gets even better and You can simply sweep every corner clean. (fig. 5)

Scraper (option)

For fluffing and removing of hard and compacted sand from the street surface and kerbs. (fig. 6)

Weed brush (option)

"Heavy-duty" for removal of weed, grass and hard compacted dirt along the kerb stones. (fig. 4)

Remote control

Easy comfortable remote control from the driver's cab with the following functions:

- Light in the on/off buttons
- Engine start/stop
- Sweeping on/off
- Water pump on/off
- Individual speed control of the conveyor belt for full loading on the platform body of the truck
- Beacon lights on/off
- Scraper up/down (option)
- Articulated draw bar (option)



Weed brush (option).



Side displacement of the draw bar.



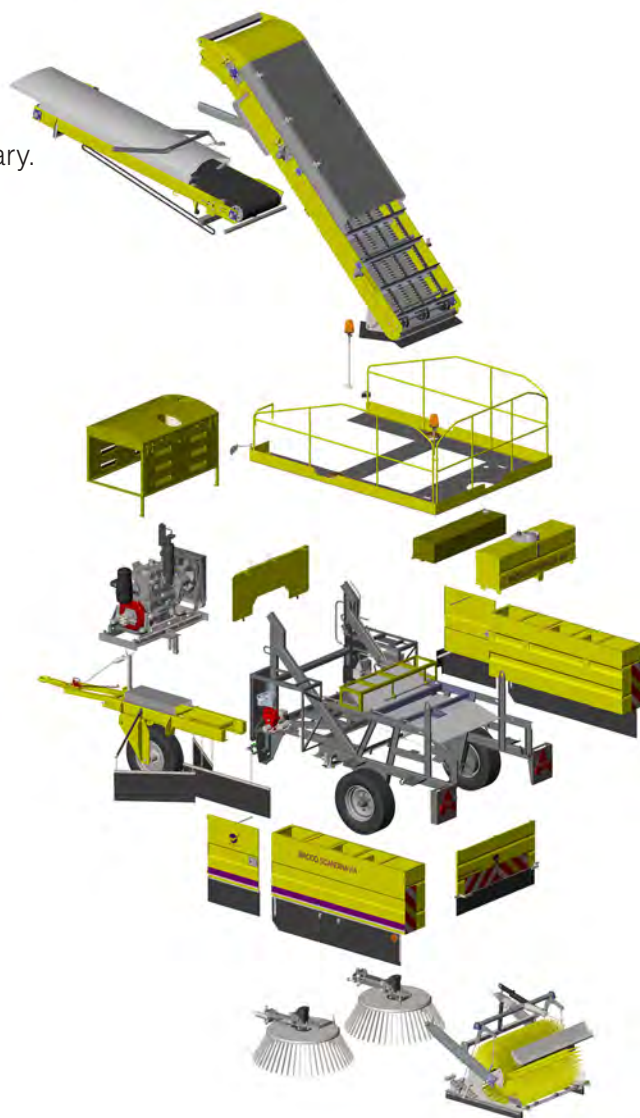
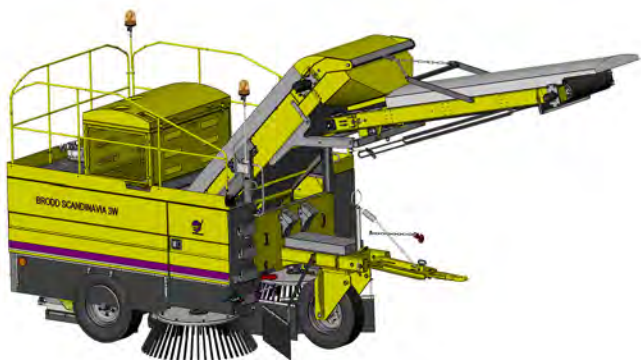
Scraper (option).

Modular design:

Built on a modular system where water tanks, hydraulic oil tank and fuel tank are separate units. This means that the size and material can be selected during the production and later also replaced if necessary. The modular system also facilitates the maintenance work as these can be easily removed.



Supplied optionally in two variants: 2 wheel (2W) or 3 wheel (3W)



Epoke A/S
Vejenvej 50, Askov
6600 Vejen
www.epoke.dk





BRODD



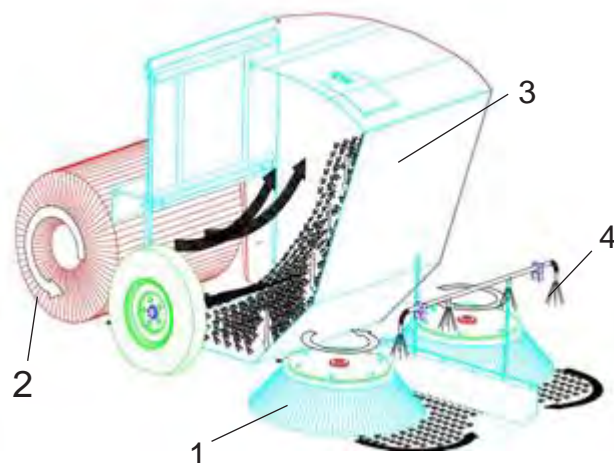
■ Suitable for narrow sidewalks and tight spaces

BRODD TWIGGY

- The small compact trailer sweeper

Sweeping principle

Both side brushes (1) sweep the dirt into the middle of the sweeper, the roller brush (2) throws the debris directly into the hopper (3). The sprinkler ramp (4) prevents dust.



Easy and fast to couple up

Go backwards close to the sweeper and couple up the draw bar, connect the electric system for remote control and lighting, connect the gear box with the hydraulic pump to the power-take-off of the towing vehicle.

In a few minutes Twiggy is ready for sweeping!
(fig. 1)

1,500 mm dumping height

Twiggy sweeper is designed to dump into a container or directly on the ground. Equipped with a large dirt hopper of 1.15 m³. This feature saves you several time-wasting and expensive daily transports to the discharge place.

All operations are operated from a remote control unit in the driver's cab. (fig. 2)

Easy access for service

The electric, hydraulic controls, oil filter and water pump are protected from dust, dirt and moisture. They are placed at a convenient working height for service.



Easy and fast to couple up.



1,500 mm dumping height.



Remote control

All sweeping operations are operated from the driver's cab.

Side displacement of the draw bar

Twiggy is as standard equipped with a hydraulic left/right displacement of the draw bar. It is remote controlled with a joystick. The flexibility in curves and around e.g. poles gets even better and you can simply sweep "every corner" clean.

Fully automatic floating broom suspension

Due to the unique "BRODD float" system the brushes will always be automatically adjusted, no matter the grade of wear on the brushes and they always maintain the correct pressure to the surface. (fig. 4+5).

Sprinkler system

The water sprinkler system helps to prevent the dust around the sweeper.



4



Fully automatic floating broom suspension.

5



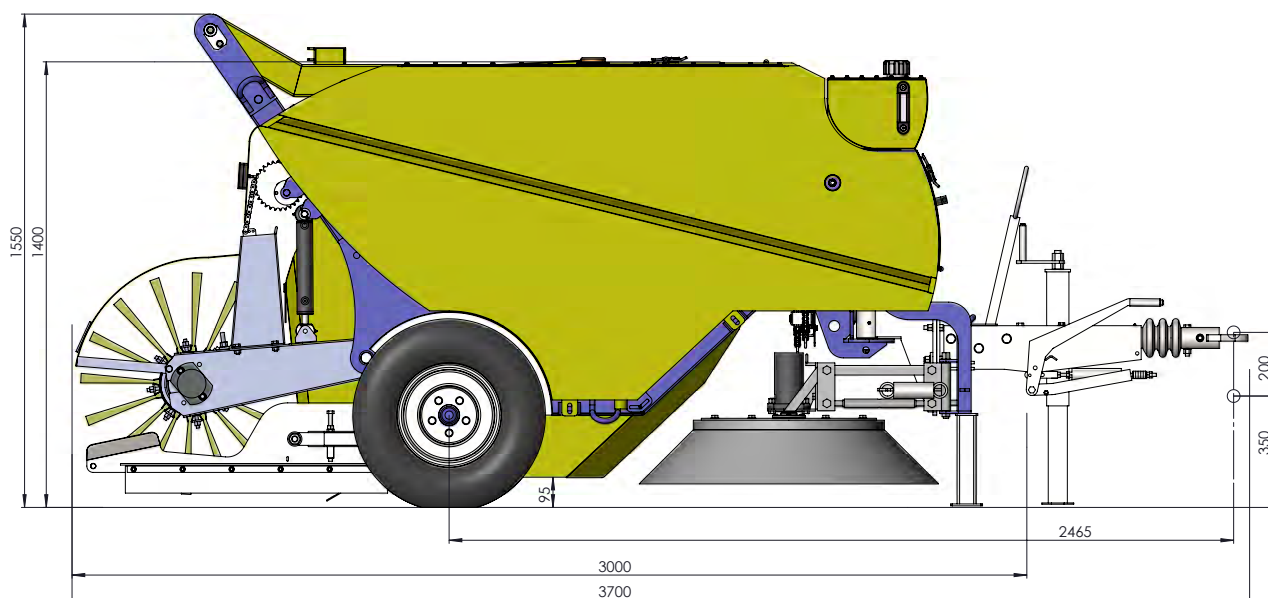
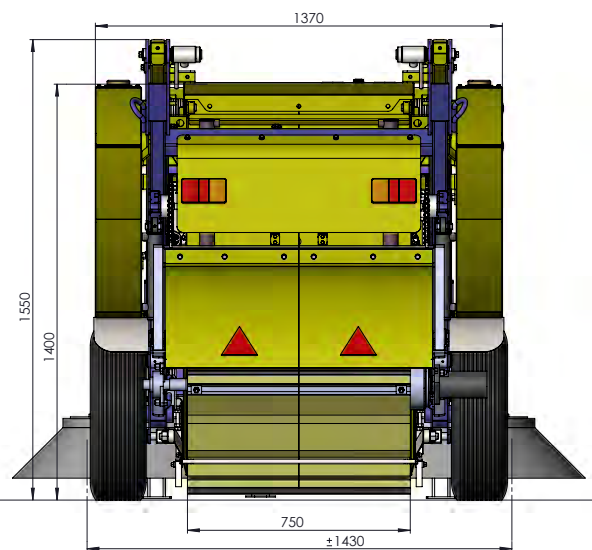
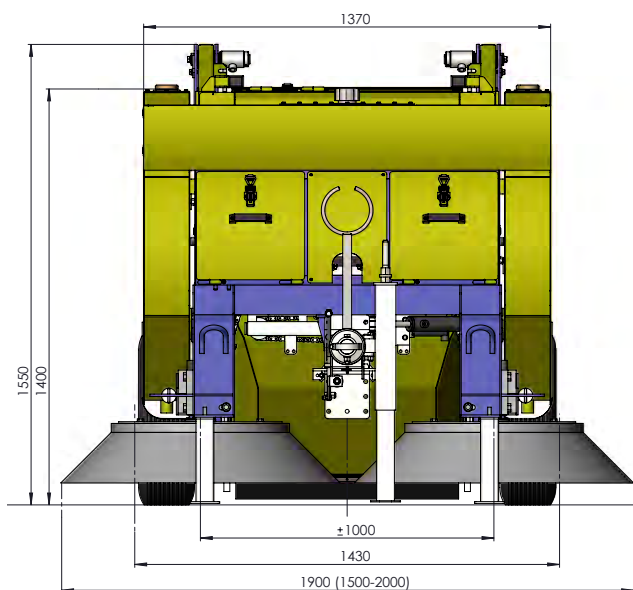
Fully automatic floating broom suspension.

6



Manual refuse input

Bigger pieces of dirt can be put by hand into the dirt hopper, since the top is within comfortable reach.



Epoke A/S
 Vejenvej 50, Askov
 6600 Vejen
www.epoke.dk





BRODD

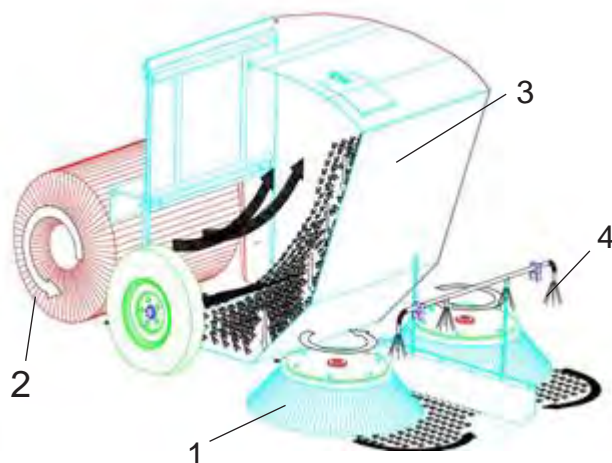


BRODD TWIST

- The small compact trailer sweeper

Sweeping principle

Both side brushes (1) sweep the dirt into the middle of the sweeper, the roller brush (2) throws the debris directly into the hopper (3). The sprinkler ramp (4) prevents the dust.



Easy and fast to couple up

Go backwards close to the sweeper and couple up the draw bar, connect the electric system for remote control and lighting, connect the gear box with the hydraulic pump to the power-take-off of the towing vehicle.

In a few minutes TWIST is ready for sweeping!
(fig. 1)

1,430 mm dumping height

TWIST sweeper is designed to dump the debris into a container or directly on the ground. Equipped with a large dirt hopper of 1.7 m³. This feature saves you several time-wasting and expensive daily transports to the discharge place.

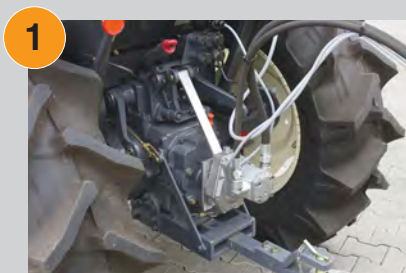
All operations are handled from a remote control unit in the driver's cab.

(fig. 2)

Side displacement of the drawbar

TWIST is as standard equipped with a hydraulic left/right displacement of the drawbar. It is remote controlled with a joystick. The flexibility in curves and around e.g. poles gets even better and you can simply sweep "every corner" clean.

Because of its simple and robust construction, the TWIST is reliable and has an amazing ability to resist mechanical damage.



Easy and fast to couple up.



1,430 mm dumping height.



Remote control

All sweeping operations are handled from the driver's cab.

Fully automatic floating broom suspension

The side brushes as well as the roller brush look after themselves without any manual adjustments during the full life time of the brushes.

Due to the unique "BRODD float" system the brushes will always be automatically adjusted, no matter the grade of wear on the brushes and they always maintain the correct pressure to the surface.

Remote control

All sweeping operations are operated from the driver's cab. Sweeping on/off, water pump on/off and dirt hopper up/down. (fig. 3)

Sprinkler system

The side brushes provides efficient cleaning along kerbs. The water sprinkler system helps to prevent the dust. (fig. 4)

Easy access for service

The electric, hydraulic controls, oil filter and water pump are protected from dust, dirt and moisture. They are placed at a convenient working height for service. (fig. 5)

4



Sprinkler system.

5



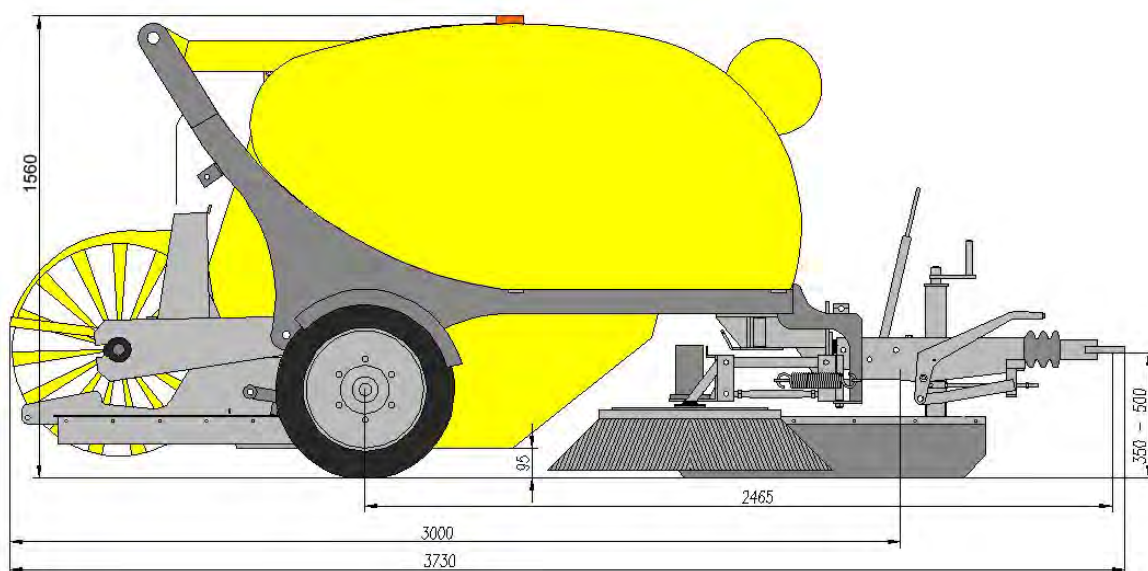
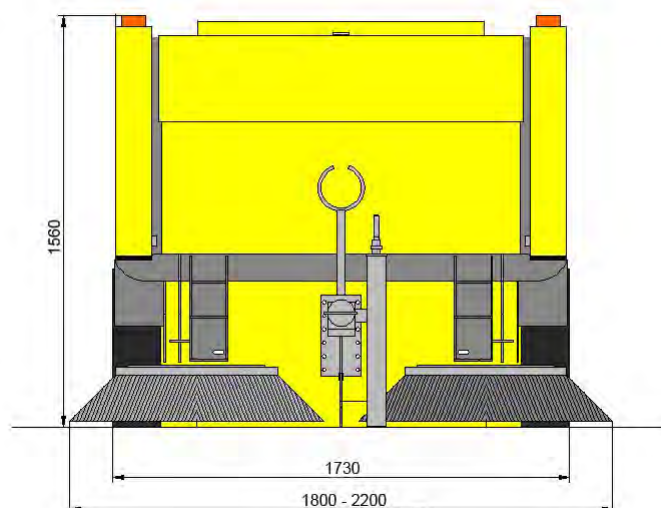
Easy access for service.

6



Manual refuse input

Bigger pieces of dirt can be put by hand into the dirt hopper, since the top is within comfortable reach.



Epoke A/S
 Vejenvej 50, Askov
 6600 Vejen
www.epoke.dk

