

GROUND SWEEPING

- Collecting bucket
- Polypropylene brush
- Attachment to the machine
- Extremely tough and rugged



SWEeper BUCKET HD

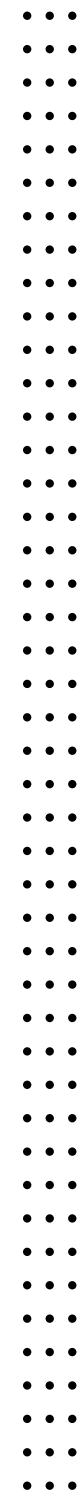


- Direct drive motor
- Brushes made of PPN Ø550 mm
- HB400 steel reversible screwed cutting edge and bottom reinforcements
- Works in forward and reverse gear

SWEeper BUCKET D



- Brushes made of PPN Ø590mm
- N. 2 Ø250x50mm support wheels
- Mechanical working angle adjustment
- Hydraulic opening and closing of the collection bucket
- Works in forward gear
- Hooks for: forklift truck, tractor, earth moving machines
- Suitable for skid loaders, forklift trucks, telehandlers, compact wheel loaders



SWEeper BUCKET DS



Ø660 mm polypropylene brush

N. 3 Ø250x60mm support wheels

Internal hydraulic drive

Mechanical working angle adjustment

Hydraulic opening and closing of the collection bucket

Works in forward gear

Hooks for: forklift truck, tractor, earth moving machines

Suitable for telehandlers, backhoe loaders, wheel loaders from 90 hp to 170 hp

SWEeper BUCKET C



Ø750 mm polypropylene brush

N. 3 Ø405x110mm support wheels

Internal hydraulic drive

Mechanical working angle adjustment

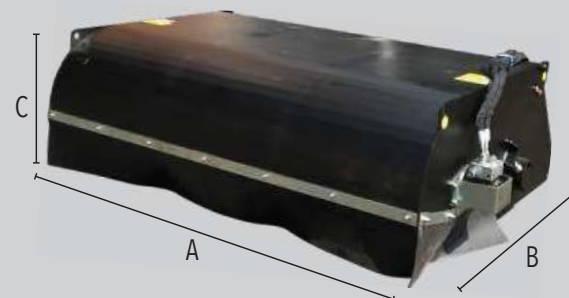
Hydraulic opening and closing of the collection bucket

Works in forward gear

Hooks for: forklift truck, tractor, earth moving machines

Suitable for wheel loaders from 180 hp.





DIMENSIONS

		BS 140 HD	BS 155 HD	BS 180 HD	BS 210 HD	BS 240 HD
A	Width	1670	1770	2070	2270	2610
B	Depth	1450	1450	1450	1450	1450
C	Height	620	620	620	620	640

The experience acquired over the years on the use of sweeper buckets has allowed us to improve some critical issues highlighted by customers. The steel reinforcements wear-resistant in the most stressed points of the collection bucket, the bolted and reversible HB400 blade makes the use of the HD sweeper buckets suitable for both construction sites burdensome than in normal road maintenance. The direct drive motor reduces maintenance and significantly reduces the time required for roller replacement.

OPTIONALS

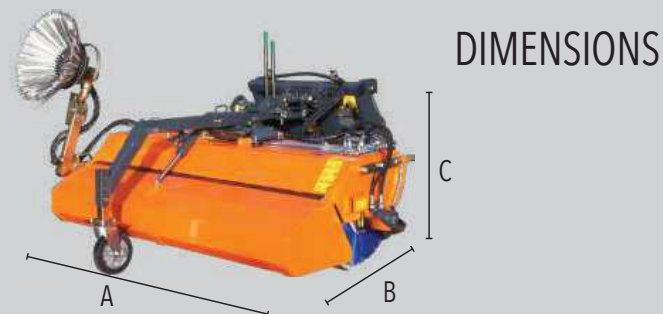
	Nebulizers kit (without tank)	Brush shaft with mixed STEEL/PPN rings
Side brush r/l Ø 600 mm in polypropylene	Sprinkler kit 100 lt / 200 lt (only BS 240 HD) with electric pump and hose with nebulizers	Falling gravity sprinkler kit with 100 lt tank
Connector 8/14 poles		



MODEL	BS 140 HD	BS 155 HD	BS 180 HD	BS 210 HD	BS 240 HD
Working width [mm]	1400	1600	1800	2100	2400
Weight [kg] *	280	400	440	470	780
Min/max flow rate [lt/min]	50/90	50/90	50/90	50/90	75/90
Min/max pressure [bar]	230/295	230/295	230/295	230/295	230/300
Ø Brush [mm]	550	550	550	550	600
Number of rollers [n°]	2x700	2x750	1x800 - 1x1000	2x1000	3x750
Bucket capacity [lt]	385	450	510	560	620

* The value stated in the table refers to the mass of the sweeper bucket with universal attachment for skid loader





DIMENSIONS

		BS 135 D	BS 150 D	BS 180 D	BS 200 D	BS 230 D	BS 260 D
A	Width	1680	1830	2130	2330	2630	2930
B	Depth	1650	1650	1650	1650	1650	1650
C	Height	1200	1200	1200	1200	1200	1200

The Sweeper bucket M3 series D is designed for customers who work both in the field of cable or phone laying sectors as well as road maintenance.

It can be fitted to any kind of skid steer loader and is equipped with hydraulically operated collecting bucket - PPN brush Ø 590 mm., no. 2 support wheels 250x50 mm, hydraulic hoses, integrated motor, self-leveling attachment (optional) and mechanical working angle adjustment.

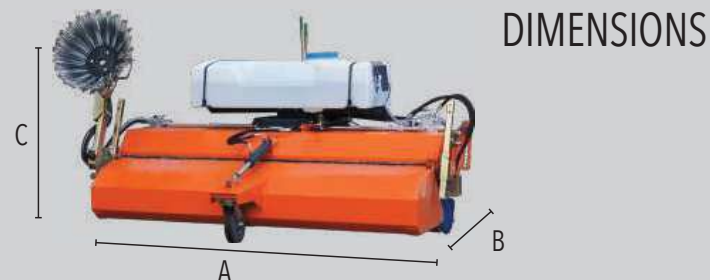
OPTIONALS

	Overflow valve	3rd front wheel Ø 250x50 mm
Ø600 mm PPN side brush right/left	Internal hydraulic motor	Hydraulic working angling adjustment (an additional hydraulic line is required)
100 lt water tank with electric pump and nebulizers	200 lt water tank with electric pump and nebulizers (not available in mod. BS135D)	Solenoid valve kit to operate the hydraulic adjustment (if the machine is not equipped with 2 hydraulic lines)



MODEL	BS 135 D	BS 150 D	BS 180 D	BS 200 D	BS 230 D	BS 260 D
Working width [mm]	1350	1500	1800	2000	2300	2600
Working width with 20° angle [mm]	1270	1410	1690	1880	2160	2440
Required oil flow (for 160bar) [l/min]	30	30	30	40	40	50
Ø Brush [mm]	590	590	590	590	590	590
Weight with collecting bucket [kg]	329	344	373	398	429	462
Capacity of collecting bucket [kg]	166	184	220	244	280	315





DIMENSIONS

		BS 200 DS	BS 230 DS	BS 260 DS	BS 280 DS
A	Width	2230	2530	2830	2990
B	Depth	1850	1850	1850	1850
C	Height	1200	1200	1200	1200

The Sweeper bucket M3 series DS is designed for customers who work both in the field of cable or phone laying sectors as well as road maintenance.

It can be fitted to any kind of wheel-loader, back-hoe-loader, telescopic and is equipped with collecting bucket hydraulic operated - PPN brush Ø 660 mm., no. 3 support wheels 250x60 mm, hydraulic hoses, integrated motor, self-leveling attachment (optional) and mechanical working angle adjustment.

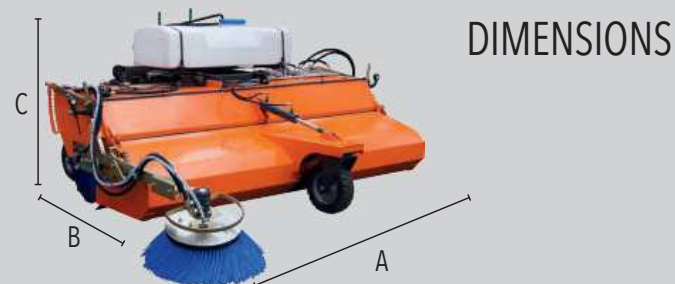
OPTIONALS

	Overflow valve	Side brush right or left Ø 600 mm in PPN and STEEL
Solenoid valve kit to operate the hydraulic adjustment (if the machine is not equipped with 2 hydraulic lines)	Water tank 200 l with electric pump and nebulizers	Hydraulic working angling adjustment (an additional hydraulic line is required)
Nebulizer kit (without tank)		



MODEL	BS 200 DS	BS 230 DS	BS 260 DS	BS 280 DS
Working width [mm]	2000	2300	2600	2800
Working width with 20° angle [mm]	1880	2160	2440	2600
Required oil flow (for 160bar) [l/min]	40	40	50	50
Ø Brush [mm]	660	660	660	660
Weight with collecting bucket [kg]	575	610	644	661
Capacity of collecting bucket [kg]	315	361	407	431





DIMENSIONS

		BS 210 C	BS 240 C	BS 280 C
A	Width	2360	2660	2990
B	Depth	2230	2230	2230
C	Height	1200	1200	1200

The Sweeper Bucket M3 series C is suitable for the cleaning of pavings and courtyard areas of industrial plants.

It can be fitted to any type of wheelloaders, backhoe loaders and telehandlers and is equipped with collecting bucket hydraulic operated, PPN brush Ø 750 mm, hydraulic hoses, no. 3 support wheels 405x110 mm, integrated motor, self-leveling attachment (optional) and mechanical working angle adjustment.

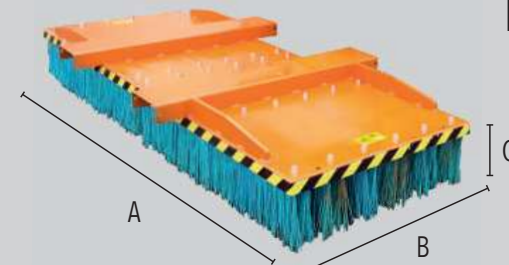
OPTIONALS

	Overflow valve	Extra strong wheels Ø 410x145 mm
Side brush right or left Ø 750 mm in PPN and STEEL	Solenoid valve kit to operate the hydraulic adjustment (if the machine is not equipped with 2 hydraulic lines)	Hydraulic working angling adjustment (an additional hydraulic line is required)
Water tank 200 l with electric pump and nebulizers	Water tank 400 l with electric pump and nebulizers	Nebulizer kit (without tank)



MODEL	BS 210 C	BS 240 C	BS 280 C
Working width [mm]	2100	2400	2800
Working width with 20° angle [mm]	1950	2250	2550
Required oil flow (for 160bar) [l/min]	56	56	56
Ø Brush [mm]	750	750	750
Weight with collecting bucket [kg]	795	904	957
Capacity of collecting bucket [kg]	450	480	550





DIMENSIONS

	SI 150I	SI 151I	SI 150IP	SI 151IP	SI 200I	SI 201I	SI 200IP	SI 201IP	SI 250I	SI 251I	SI 250IP	SI 251IP	SI 300I	SI 300IP	SI 201IR	SI 251IR
A Width	1400	1400	1400	1400	1900	1900	1900	1900	2400	2400	2400	2400	2900	2900	1900	2400
B Depth	500	700	500	700	700	1000	700	1000	700	1000	700	1000	1000	1000	1000	1000
C Height	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400

- With interchangeable welded iron strips (I series) or interchangeable PPN strips (IP series)
- Attachments for lifting forks

The broom sweeper M3 is suitable for the cleaning of large yards, industrial areas, market and scrap collection. It can be fitted to any type of forklift or machine, wear-resistant and completely recyclable. It is equipped with interchangeable welded iron strips (series I) or interchangeable strips in PPN (series IP) and attachment for lifting forks.

OPTIONALS

	Spare kit - PPN strips	Spare kit - IRON strips
Frontal push blade	Containment sides	



MODEL	SI 150 I	SI 151 I	SI 150 IP	SI 151 IP	SI 200 I	SI 201 I	SI 200 IP	SI 201 IP	SI 250 I	SI 251 I	SI 250 IP	SI 251 IP	SI 300 I	SI 300 IP	SI 201 IR	SI 251 IR
Sectors [n°]	12	15	12	15	20	24	20	24	25	30	25	30	36	36	24	30
Weight [kg]	230	250	200	220	250	270	230	250	340	360	300	330	430	400	450	575





DIMENSIONS

		SA 150	SA 180	SA 210	SA 240
A	Width	1770	2070	2270	2670
B	Depth	1620	1620	1620	1620
C	Height	650	650	650	650

- Attachments for skid steer loaders
- Direct drive hydraulic motor

The angled Broom Sweeper M3 fits any kind of skid steer loaders, loaders and telehandlers. Thanks to its strong structure can be used for the cleaning of building sites, streets, large courtyard areas or as a snow blade, in case of light snowfalls.

It is equipped with the integrated direct drive hydraulic motor, hydraulic hoses complete with quick couplings (only on SSL), attachment system with mechanical angle +/-30°, PPN brush Ø 550 mm, n. 2 support wheels Ø 200x50 mm and attachment to fit skid steer loader.

OPTIONALS

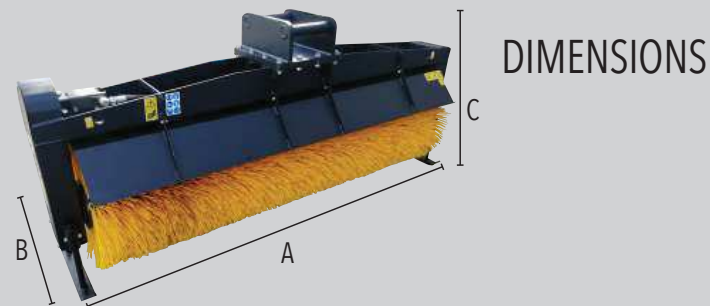
	Floating Attachment with 3rd wheel	Hydraulic Angling complete with valve and cylinder
Sprinkler kit with 100 lt Tank, electric pump and hoses with nebulizers	3rd wheel Ø 200x50 mm	



MODEL	SA 150	SA 180	SA 210	SA 240
Working width [mm]	1500	1800	2100	2400
Working width with 30° angle [mm]	1299	1566	1736	2078
Min/max flow rate [lt/min]	25/100	25/100	25/100	25/100
Min/max pressure [bar]	100/250	100/250	100/250	100/250
Ø Brush [mm]	550	550	550	550
Number of rollers [n°]	2x750	1x800 - 1x1000	2x1000	3x800
Weight [kg] *	295	310	380	416

(*) The value stated in the table refers to the mass of the angled broom sweeper with universal attachment for skid loader.





DIMENSIONS

		SPE 150	SPE 180	SPE 210
A	Width	1760	2060	2360
B	Depth	600	600	600
C	Height	816	816	816

- Hydraulic motor with chain transmission
- Drilled plate to be bolted to any excavator bolt-in plate

The excavator sweeper M3 is the best solution to clean trenches, road edges and place difficult to be reached.

The sweeper is supplied with hydraulic drive motor, chaine transmission, hydraulic hoses L. 2000 mm (without quick couplings) PPN brush Ø 600 mm and drilled plate to be bolted to any excavator.

OPTIONALS

Welded hooks to fit excavator

Bolt-in plate for excavator



MODEL	SPE 150	SPE 180	SPE 210
Working width [mm]	1500	1800	2100
Max pressure [cont - l/min]	180	180	180
Oil flow [cont - l/min]	60	60	60
Hydraulic motor [cc]	250	250	250
Ø Brush [mm]	600	600	600
Number of rings [n°]	25	30	35
Transmission	chain	chain	chain
Weight [kg]	205	230	250

