

ICC 2 D ADV 2 SB STAGE IIIa

City sweeper with an area performance of 37.600 m²/h. Interesting primarily for communes. This machine is especially for cleaning streets, parking and fair grounds.

Standard accessories:

- Central lubrication
- Foliage suction hose
- Power steering
- Extra comfort seat
- Air conditioning
- Heater
- Traction drive hydraulic
- Bulk waste flap
- Hydraulic container lift
- Container 1500 l
- Radio
- 4-wheel chassis
- Ergonomic power steering
- Water tank 300 l



Order no.: 1.183-122.0

Technical data

Drive	4-stroke diesel engine / VM, Stage IIIa certified
Drive – power	58 kW / 79 PS
Max. area performance m ² /h	33600
Working width (mm)	-
Working width (2)	-
Sweeping width variable (mm)	1500-2100
Container (l)	1500
Load capacity (kg)	1480
Water tank (l)	300
Hill climbing ability (%)	25
Travel speed (km/h)	40
Operating speed (km/h)	16
Turning circle (m)	3.1
Hydraulic container lift (m)	1.55
Operating hours on one tankful (h)	18
Euro 3 emissions standard	-
Weight (kg)	2140
Dimensions (L x W x H) (mm)	3850x1130x1900

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Details

Description

The ICC 2 D Adv 2 SB Stage IIIa is a diesel-engine street sweeper used for the disposal of waste in communal and industrial areas. TECHNICAL DESCRIPTION Drive: Water cooled 4 cylinder VM Stage IIIa diesel engine with direct injection and electric start (58 kW), reduced number of revolutions for high durance. Infinitely variable hydraulic drive forward and backward. Sweeping unit: 2 big side brushes with variable number of revolutions for leading the waste to the suction hose. Swinging suction hose with hydraulic lifting. Vertical standing suction turbine (patent) for reducing the height (1900 mm), with corrosion free high-grade steel body. Waste container: Corrosion free high-grade container with 1500 l capacity Hydraulic container lift up to 1550 mm Electrical equipment: Lighting to German licensing regulations with floodlight, direction indicator, reversing light and beacon. ABE, TÜV, GS. Multifunctional display. Reverse travel signal as warning system. Safety ignition switch, operating hour meter, electric generator 12 V, 750 W, 62,5 Ah, battery 12 V-88 Ah. Other: Robust steel chassis with cabin Water recycling system Adjustable, cushioned seat Hydraulic drum brake for the front wheels Brake strengthening with vacuum pump Hydraulic brake for the back wheels Steering servo assisted

Application

Big area sweeping for outskirt areas e.g. footways, bikeways, streets, pedestrian zones, car parks, trade fair areas, industry and logistic centres. Period of use is about 12-18 hours; about 200.000 - 450.000 m² can be swept.

Features & Benefits

300 l plastic watertank integrated in driver cabin, monitoring system inside the cabin. Long working intervals without refilling, tank has noise damping function. 2 hydraulic driven side brushes, swinging from 1500 - 2100 mm working width, hydraulic liftable, protection and water jet. Very flexible use, protected of damages, water jet for dust formation. Outgoing air filter with grill for holding back light waste (e.g. leaves) No leaving of sweeping waste when sweeping mode on Outgoing airflow to the back of the machine Working position stays clean, free from dust and outgoing air Drive: Water cooled VM 4 cylinder diesel engine Quiet, appropriate for multi-shift operation, eco-friendly, diesel engine with emission level Stage IIIa All brushes steerable independent from each other and variable in gradient Adaptable to different areas, e.g. possibility of sweeping kerbs Ca. 1,5 m³ high-grade steel waste container, payload 1480 kg Very high volume, robust and corrosion free Electrical shiftable, hydraulic driven, vertical suction turbine (patent) Collecting waste with suction hose, very quiet as there are no shredder sounds Straight suction pipe divided in the middle above the inflection point (patent), easy to reach when container is necked No danger of blockage, easy to maintain, no wearout of a suction pipe Wide space operator cabin with adjustable, cushioned seat, adjustable steering column Big legroom, optimal adaptation to wishes of the user, very comfortable Overall height max. 1900 mm (without suction hose mounting kit) No problems with underground parking lots or road signs Hydraulic liftable suction system with water jet, driven on wheels in sweeping mode, bulk waste flap Optimal sweeping performance on different conditions (floor, waste), good intake of abrasive waste. Hydraulic container lift (maximum lifting height 1550 mm) Direct cleanout in big waste container, no manuel contact with waste, no health risk Hydraulic 2x45° articulated-frame steering (servo-steering), turn radius 3.1 m, very agile, easy to operate, perfect directional stability when driving around corners Hydraulic traction drive on the back wheels with hydraulic differential, driving pedal, braking pedal and handbrake Maintenance-free and comfortable traction drive, driving brake via hydraulic and additionally via foot brake on both front wheels, parking interlot Sweeping system: Sweeping and soakage of the waste Good for intake of large volume waste (packages, tins, leaves) Engine hour meter and operating hour meter (optional)

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Control of service intervals, optimization of service intervals, reduction of empty drive
Emergency pump (manuel) for lifting the container for service operations when container can't be lifted hydraulically
Powder-coated tube frame chassis, 4-wheel-drive, air tires, spring mounted front axis, big 16" wheels
Comfortable even at 40 km/h and robust, curbs up to 13 cm are no problem for this machine
High-pressure pump (90 bar) with belt drive for water supply of the spray nozzle on the side brushes and in the suction tube, switchable to use it as high-pressure cleaner
Permanent water spray to bond the dust and clean the suction tube, as high pressure cleaner for manuel cleaning of smaller clinging dirt in case of cleaning and maintenance of the ICC 2
Center of mass of the lifted container is behind the axis

Accessories

Air conditioning / heating

Air conditioning with heating

For comfortable, fatigue-free operation in any weather

Order no. 2.639-614.7



Alt Zubehöre

Side brush, standard

Easily removes large amounts of sweepings, universal bristles, Ø 860 mm

Order no. 6.906-889.0



Miscellaneous

Radio

With aerial and loudspeaker, dashboard-mounted

Order no. 2.639-615.7



Deluxe seat

For comfortable and fatigue-free operation

Order no. 2.639-618.7



Two rear view mirrors, heated

Ensure good rear view, even in cold weather

Order no. 2.639-619.7



Miscellaneous

Central lubricating system

Fully automatic lubrication

Order no. 2.639-635.7



Special paint finish

For front, rear, incl. side flaps, cover, waste container in desired colour

Order no. 2.639-638.7



Roof window

Hinged art front and rear, made of Plexiglas

Order no. 2.639-640.7



Reversing camera, incl. monitor

Makes reversing safer

Order no. 2.639-641.7



Filling hose bracket

Bracket for filling hose, mounted behind left-hand side flap, including hose.

Order no. 2.639-645.0



Speed limiter, max. 25 km/h

Legal requirement in some countries

Order no. 2.639-825.7



Miscellaneous

Windscreen washer

For an unhindered view at all times

Order no. 2.639-837.0



Warning strips

Reflecting warning strips for more safety in road traffic

Order no. 2.639-869.0



Advertising panels

Space for an advertisement on the machine. Factory-installed only

Order no. 2.640-603.7



Side brush mirror

For better view of the brushes

Order no. 2.640-766.0



Hydraulic bypass

Deactivates hydraulic drive for easy recovery of machine

Order no. 2.641-197.7



Brush relief, hydraulic

Minimizes brush wear

Order no. 2.850-816.7



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Miscellaneous

Jack

Mobile hydraulic jack (up to 2000 kg) for lifting the machine when changing a wheel

Order no. 6.369-518.0



Chock

To protect the machine against rollback on inclination

Order no. 6.439-103.0



Cleaning rod

For cleaning the suction intake and intake duct

Order no. 6.997-279.0



Side brush, soft

Side brush, extra soft

Sweeps fine dirt on all surfaces, for indoors and outdoors, Ø 600mm

Order no. 6.906-733.0



Sweeping/Vacuuming

Suction hose for picking up leaves

With a water system. Suction hose mounted on right of waste container, water nozzle in handle

Order no. 2.640-171.0



Warning beacon

Rotating warning beacon, rear

Additional rotating warning beacon on rear

Order no. 2.639-672.0



Water spraying system

Spray nozzle control, can be activated separately on left and right

Adjustment of water flow to spray nozzles for dust suppression

Order no. 2.640-216.7



Spray nozzle control, activates both sides

Adjustment of water flow to spray nozzles for dust suppression

Order no. 2.640-217.7

