

TECHNICAL DATA SHEET **COMBO DSA**

⚠ ALL (PIECES OF) INFORMATION ON THIS DOCUMENT
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GENERAL FEATURES:

Combined machine with suction system for dust control and scrubbing with fluid suction system.

Working areas: Sweeping and scrubbing of medium-large areas, indoor and outdoor, private and public.

With operator in front.

Version: DIESEL

UFFICIO TECNICO: 14/03/2011

PERFORMANCES

Sweeping and scrubbing capacity (Scrubbing sys. pred.)	16550 m ² /h
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CLEANING WIDTH

Roll main brush	mm 1045
Main brush + RH scrubbing side brush	mm 1350
Main brush + 2 scrubbing side brush	mm 1655
Main brush + RH sweeping side brush	mm 1400
Main brush + 2 sweeping side brush	mm 1755

Squeegee width	mm 1440
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Max. transfer speed	Km/h 12
Max. reverse speed	Km/h 5
Max. working speed	Km/h 10

Max. working gradient	% 14
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Max. gradient	% 16
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NOISE LEVEL

Sound pressure level in operating position	-
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VIBRATION

Frequency weighted acceleration value	-
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BRUSHES (Machine predisposed for the scrubbing)

Main brush (nr. type diameter x length)	2 roll Ø300 x 1045 mm
Down pressure (Brushes weight on the floor)	Kg -
Side brush (nr. type diameter)	1 disco Ø410 mm

SQUEEGEE (Machine predisposed for the scrubbing)

Type	floating
Suction pressure	1200 mm/H ₂ O
Lifting and lowering	electric

TANKS (Machine predisposed for the scrubbing)

Clean water solution	265 lt
Dirty water recovery	280 lt

BRUSHES (Machine predisposed for the sweeping)

Roll main brush, diameter x length	Ø300 x 1045 mm
Side brush, diameter	Ø 600 mm

SUCTION SYSTEM (Machine predisposed for the sweeping)

Fan (nr. type diameter)	2 centrifugal mm 220
Suction cut-off (type)	electric

DUST FILTERING SYSTEM (Machine predisposed for the sweeping)	
Filtering system (nr. type material)	5 cartridges polyester
Filtering surface	m ² 10
Shaker - nr. type	1 electric 12V

REFUSE CONTAINER (Machine predisposed for the sweeping)	
Refuse container position	rear
Capacity	Lt 180
Lifting Lowering	Hydraulic
Emptying	Hydraulic
Empty height	mm 1560

STEERING SYSTEM	
Type	Hydraulic with steering wheel
Minimum "U" turn space	mm 3150

BATTERY	
Nr. V Ah	1 12 80
Battery water	distilled water

ENGINE	
Make	KUBOTA
Model	V1505
Cylinders	Nr. 4
Bore	mm 78
Stroke	mm 78,4
Displacement	Cm ³ 1498
Max. power (rpm Kw/HP)	3000 25/34
Max. setting power (rpm Kw/HP)	2550 23,5/32
Fuel consumption (Lt/h)	5,1
Cooling	water+antifreeze
Oil sump capacity oil type	Lt 6 Diesel gamma SAE 30
Fuel tank capacity fuel type	Lt 30 Diesel oil
Starting	electric
Autonomy (h)	5

DRIVE	
Position	front

TRANSMISSION	
Transmission type	hydrostatic

WHEELS	
Superelastic front wheel (nr. Ømm type)	1 452 18x7x8
Cushion rear wheel (nr. Ømm type)	2 Ø 457 x152x308

BRAKES	
Hydrostatic emergency brake	on rear wheel
Hydrostatic service brake	on rear wheel
Mechanical parking brake	on rear wheel

SUSPENSION	
Front and Rear suspension (type)	rigid

DIMENSION	
mm A X B X C (Not Brushes)	2400 X 1540 x 1760

MACHINE WEIGHT	
Weight in working condition and container empty (without operator)	Kg 1550

HYDRAULIC SYSTEM	
Hydraulic motor on front wheel	Nr.1
Hydraulic motor on side brush	Nr.1
Hydraulic motor on main brushes	Nr.2
Hydraulic oil tank capacity and oil type	Lt 30 - Agip Rotra ATF
Variable delivery pump	Nr.1

INSTRUMENTS	
Battery status charge indicator light	X
Glow-plugs indicator light	X
Pressure oil indicator light	X
Suction fan indicator light	X
Fuel level indicator	X
Hourmeter	X
Horn	X

STANDARD EQUIPMENT	
Control of the brush rotation motor	hydraulic
Main brush lifting system	electric
Side brush lifting system	hydraulic
Dust filter shaker	electric
Suction cut-off	elettrica
Dust filter cartridges	X
Container lifting system	hydraulic
Opening of the hopper door	hydraulic
Adjustable steering wheel	X
Adjustable seat	X
Revolving light	X
Power steering	X

OPTIONALS	
Left side brush	X
Front dust conveyor	X
Headlight and rear lights	X
Overhead guard	X
Urban omologation	X