

TECHNICAL DATA SHEET

SUPRA

! All (pieces of) information on this document could be updated without any notice.



SUPRA E



SUPRA ESA

General features

Mechanical sweeper with vacuum system for dust control
With operator in front position
Refuse container in rear position
Exclusive vacuum system on side brushes "DUST BUSTER" RCM Patented
Wheels: N°1 Front steering and drive, n° 2 rear
Working areas: Cleaning medium, Indoor and outdoor, private and public
Version: Electric 36V

Versions	SUPRA E	SUPRA ESA	
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Performances

Max. cleaning capacity (with 2 side brushes)	m ² /h	8700	8700	
Cleaning width with main brush	mm	850	850	
Cleaning width with main brush + RH side brush	mm	1200	1200	
Cleaning width with main brush + 2 side brushes	mm	1450	1450	
Max. transfer speed	Km/h	7	7	
Max. reverse speed	Km/h	3,5	3,5	
Max. working speed	Km/h	6	6	
Max. working gradient*	%	12	12	
Max. gradient*	%	16	16	

** Max. permitted gradients for a limited time only*

Versions		SUPRA E	SUPRA ESA	
Vibration (EN ISO 13754/2008)				
Frequency weighted acceleration value	m ² /s	-	-	
Noise level (EN ISO 11201/2010)				
Sound pressure level in operating position	dB(A)	75	75	
Sound power level in operating position	dB(A)	-	-	
Electromagnetic compatibility (EN61000/6/2 - EN61000/6/3)				
Level of frequencies	dBμV/m	-	-	
Brushes				
Main brush length	mm	850	850	
Main brush diameter	Ømm	300	300	
Side brush diameter	Ømm	430	430	
Flap lifting system	type	mechanical	mechanical	
DUST VACUUM SYSTEM				
Fan	nr./type	1/centrifugal	1/centrifugal	
Fan diameter	Ømm	150	150	
Vacuum cut-off	type	electric	electric	
DUST FILTERING SYSTEM				
Filtering system	nr./type	6/cartridges	6/cartridges	
Filtering surface	m ²	6	6	
Filtering material	type	cellulose	cellulose	
Dust filter shaker	nr./type	1/electric 36V	1/electric 36V	
Refuse container				
Refuse container capacity	L	120	150	
Refuse container lifting	type	-	hydraulic	
Refuse container emptying	type	manual	hydraulic	
Emptying height	mm	-	1500	
Max. trasportable weight in the hopper	kg	95	95	
Steering system				
Steering wheel (with pinion and crown gear)	type	mechanical	mechanical	
Minimum "U"-turn space	mm	2700	2700	

Versions		SUPRA E	SUPRA ESA	
Electric motors				
Drive motor				
> Nominal power	n./V/W	1/36/1000	1/36/1000	
Vacuum motor				
> Nominal power	n./V/W	1/24/130	1/24/130	
Side brushes rotation motor				
> Nominal power	n./V/W	1/36/90	1/36/90	
Main brush rotation motor				
> Nominal power	n./V/W	1/36/500	1/36/500	
Hydraulic power unit	n./V/W	-	1/24/800	
Total power	W	1720	2520	
Starting	type	electric	electric	
Battery				
Quantity and capacity of the battery	n./V/Ah	6/6/320	6/6/320	
Battery dimension (length x width x height)	mm	311 x 181 x 360	311 x 181 x 360	
Battery water	type	distilled	distilled	
*Autonomy	h	5. 20'	5. 20'	
*Caution! Autonomy depends on the type of battery and the use of the machine				

Versions		SUPRA E	SUPRA ESA	
Drive				
Drive on wheel	pos.	front	front	
Transmission				
Transmission system	type	electric	electric	
Wheels				
Front wheel	Ømm type	300 grooved	300 grooved	
Rear wheels	Ømm type	300 superelastic	300 superelastic	
Brakes				
Service brake on rear wheels	type	mechanical	mechanical	
Parking brake on rear wheels	type	mechanical	mechanical	
Suspension				
Front/Rear suspension	type	rigid	rigid	
Dimensions				
Machine dimensions (length x width x height) "without brushes"	mm	1750 x 1150 x 1500	1750 x 1150 x 1500	
Machine dimensions (length x width x height) "with right and left side brushes"	mm	1800 x 1300 x 1500	1800 x 1300 x 1500	
Weight				
Machine weight in working condition without operator (with batteries)	kg	671	823	
Battery weight	kg	288	288	
Packing weight	kg	42	42	
Instruments				
Fan warning light		√	√	
Side brush turning warning light		√	√	
Main brush turning warning light		√	√	
Reverse drive buzzer		√	√	
Hourmeter		√	√	
Revolving light		√	√	
Battery Warning light		√	√	
Horn		√	√	

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Standard equipment			
Service brake	√	√	
Parking brake	√	√	
Main brush driving control	√	√	
Side brushes driving control	√	√	
Main brush lifting	manual	electric	
Side brushes lifting	manual	electric	
Container lifting and emptying	manual	hydraulic	
Filter shaker	electric	electric	
Vacuum cut-off			
Vacuum system on side brushes type DUST BUSTER RCM patented"	√	√	
Flap lifting system	√	√	
Cellulose dust filters	√	√	
Front lights	√	√	
Optionals			
Left side brush	√	√	
Front dust conveyor	√	√	
Lights installation	√	√	
Polyester sack dust filter	√	√	
Kerastatic Antistatic sack dust filter	√	√	
Overhead guard	√	√	
On-board battery charger	√	√	
Rear lights with side direction lights	√	√	
Double suction motor	√	√	