



people & technology

TECHNICAL DATA SHEET

ALFA



GENERAL FEATURES:

Mechanical sweeper with vacuum system for dust control.
Version: Petrol, Electric 12V
With operator in rear drive position
Wheels: n°1 Front steering, n° 2 rear
<i>Working areas:</i>
Cleaning of small areas, indoor and outdoor, private and public

VERSION	Alfa H	Alfa E	
	Petrol	Electric	

PERFORMANCES

Max. cleaning capacity	m ² /h	2800	2800	
<i>Cleaning width:</i>				
Main brush	mm	520	520	
Main brush + Right side brush	mm	700	700	
Max. transfer speed	km/h	4	4	
Max. reverse speed	km/h	-	-	
Max. working speed	km/h	4	4	
Max. working gradient	%	20	18	
Max. gradient	%	20	18	

VERSION	Alfa H Petrol	Alfa E Electric	
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NOISE LEVEL (ISO 3746/95)

Sound pressure level in operating position	dB(A)	78	67	
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VIBRATION (ISO 5349/86)

Frequency weighted acceleration value	m/s ²	< 2,5	< 2,5	
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BRUSHES

Main brush (Nr.2), length	mm	520	520	
Side brush (Nr.1), diameter	mm	400	400	

DUST VACUUM SYSTEM

Fan	n°/type	1/centrifugal	1/centrifugal	
Fan, diameter	mm	230	230	
Vacuum cut-off	type	mechanical	mechanical	

DUST FILTERING SYSTEM

Filtering system	n°/type	1/panel filter	1/panel filter	
Filtering surface	m ²	2,25	2,25	
Filtering material	type	cellulose	cellulose	
Dust filtering shaker	n°/type	1/manual	1/manual	

REFUSE CONTAINER

Refuse container capacity	lt	43	43	
Refuse container emptying	type	manual	manual	

ELECTRIC MOTORS

Make		AMER	
Model	type	MP80S/3	
Nominal power	V - W	12 - 300	
Total power	W	300	
Starting	type	electric	

BATTERY

Quantity and capacity of the battery	n°-V-Ah	1-12-85	
Battery dimension (length/width/height)	mm	305x174x230	
Battery water	type	distilled water	
Battery weight	kg	27	
Autonomy	h	2*	

*(Caution! Autonomy depends on the type of battery and the use of the machine)



VERSION	Alfa H Petrol	Alfa E Electric	
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ENGINE

Make		HONDA		
Model	type	GC135		
Cylinders	n°	1		
Bore	mm	64		
Stroke	mm	42		
Displacement	cm³	135		
Max. Power	rpm kw/HP	3600 2,9/4		
Max.setting power	rpm kw/HP	2850 1,4/1,9		
Fuel consumption	lt/h	0,51		
Cooling		air		
Oil sump capacity	lt	0,6		
Fuel tank capacity	lt	1,7		
Supply with		unleaded petrol		
Starting	type	manual		
Autonomy	h	3 - 20'		

DRIVE

Type " Smart Traction " European Patent application pending.	semi-automatic	semi-automatic	
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WHEELS

Front	Ømm	125	125	
Rear	Ømm	200	200	

BRAKES

Parking brake on front wheel	type	mechanical	mechanical	
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DIMENSIONS

Machine dimensions (A-B-C)	mm	680x1234x990	680x1234x990	
Packing dimensions (A-B-C)	mm	784x1220x748	784x1220x748	

WEIGHT

Machine weight	kg	56	75 with battery	
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INSTRUMENTS

Battery warning light			x	
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VERSION	Alfa H Petrol	Alfa E Electric	
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STANDARD EQUIPMENT

	HONDA	AMER	
Engine/Electric motor			
Parking brake	x	x	
Main brushes adjusting	x	x	
Side brush adjusting	x	x	
PPL side brush	x	x	
PPL main brush	x	x	
Side brush lifting	x	x	
Filter shaker	x	x	
Vacuum cut-off	x	x	
Battery warning light		x	
Cellulose dust filters	x	x	

OPTIONALS

Polyester dust filters	x	x	
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