

High Speed Battery-Powered Single Disc Machines



# COMMAC 50hs/70hs plus



High speed mains and battery-powered single disc machines.  
51 to 69 cm working width

# CM50hs



## High-speed Single Disc Machine user-friendly and manoeuvrable

### CM50HS Ideal for vinyl floors of medium to large size areas

CM50HS is a walk-behind battery-powered single disc machine with 24 V system ensures best manoeuvrability and high productivity up to 1800 sq m/h.

It is equipped with 51 cm pad holder and a dust collection system, which conveys all dust into a

disposable filter bag.

CM50HS has a simple system for either pad or brush pressure adjustment so that it is suitable for different applications.

CM50HS ensures excellent manoeuvrability also thanks to the gear motor-operated automatic traction.



The gear shift control is ergonomically fitted on the push handle and, through a thoroughly tested electronic control, it operates the brush/pad and the traction motor ensuring smooth operation (both in forward and reverse gear)



Just lift the bonnet to have easy access to the batteries, the knobs for pad/brush pressure adjustment and to the dirt collection bag



The brush head is automatically lifted and lowered by an actuator that is connected to the gear lever. Pad or brush pressure on the floor can be adjusted by means of easily accessible knobs. Gear motor operated traction on rubberised wheels



The machine is supplied with a key for easy pad fitting and removal

# CM70hs plus



## High-productivity and high-speed Single Disc Machine

### CM70HS plus Ideal for polishing medium to large sized vinyl floors, provided with dust collection system

CM70HS plus is a ride-on battery-powered single disc machine 36 Volt version. Provides all-round visibility and productivity up to 4140 sq m/h. It has a 69 cm pad holder for effective and low-noise

operation on large areas. It is also equipped with a dust collection system, which conveys dust into a disposable filter bag. In this way the surface remains perfectly shiny and no dust is dispersed in the air.



3-position knob for brush pressure adjustment, extremely effective on irregular floors. The brush head is automatically lifted and lowered by an actuator that is connected to the gear lever.



The suction device is easy to remove for tank and filter cleaning



Thanks to soundproofing foam rubber panels, suction is stopped when opening the bonnet



Wide bonnet opening for best access to the battery compartment

## CM70HS PLUS



The traction motor wheel ensures very tight turning radius



Discharge outlet for any residual fluid of the battery compartment

## Available Filters



Paper filter bag



Cartridge filter



H.E.P.A. cartridge microfilter



Nylon filter



Washable cartridge filter



Permanent cloth filter

TECHNICAL DESCRIPTION		CM50HS	CM70HS plus
Brush motor	V/W	24/1500	36/5000
Traction motor	V/W	24/150	36/600
Forward speed	km/h	0+3,5	0+6
Max gradient at full load	%	10%	10%
Front wheels	Ø mm	175x50	300x90
Traction wheels	Ø mm	-	250x90
Battery capacity	V	24	36
Batteries	V/Ah	24/320	36/320
Batteries weight	Kg	204	306
Turning diameter	mm	-	2040

TECHNICAL DESCRIPTION		VACUUM CM70HS plus
Voltage	V/Hz	36
Motor (No.)	-	High Speed (1)
Type	-	Dust
Stages (No.)	-	Single-stage
Rated power/Max power	W/HP	500
Suction vacuum	mm/H <sub>2</sub> O-mBar-kPa	1600-160-16
Air flow	l/m	2700
Total tank capacity	l	22
Usable tank capacity	l	11
Material		ppl
Machine weight	kg	5,5
Dimensions L x H x W	mm	360x490x360

	Power supply V/ Traction	Working width Ø mm	Brush Ø mm	Brush rpm/min	Brushes pressure	Debris capacity l	Working width up to m <sup>2</sup> /h	Machine weight kg without batteries	Machine dimensions mm L x H x W
CM50HS	24/ aut.	510	510	1400	10-15	4	1785	134	1400 960 570
CM70HS plus	36/ aut.	690	690	1300	10-15	Capacity of the paper filter bag 18,5	4140	336	1685 1370 680

The machine is manufactured in compliance with the directives 98/37 CEE, 73/23 CEE, 89/336 CEE and following modification 92/31 CEE, according to the technical regulations EN 60335-1, EN 292.



The steel parts are subject to treatment which guarantees a long life and makes the parts oxidation-proof.

### KEY WORDS:



Machine for industrial use



Direct-drive single disc machine



B - Battery-powered machine with voltage value

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