

MMx-Mx-SMx

MMx - Mx - SMx
Suitable for
maintenance
cleaning of areas of
over 1,000 sq.m

MMx-Mx-SMx



MMx



Mx



SMx

MMx-Mx-SMx

MMx



MMx43-50 E
Single brush machine



MMx43-50 B
Single brush machine

MMx52 B
Single brush machine



MMx43-50 Bt
Single brush machine

MMx52 Bt
Single brush machine

MMx-Mx-SMx

Mx



Mx50 Bt
Single brush machine



Mx55 Bt
2 brushes machine



Mx65 Bt
2 brushes machine



Mx50 Bts
2 cylindrical brushes machine

MMx-Mx-SMx

SMx



SMx65 Bt
2 brushes machine





SMx75 Bt
2 brushes machine



SMx60 Bts
2 cylindrical brushes machine

MMx-Mx-SMx

Choose the Machine that best suits your requirements!

Model	Up to sq.m/h	Operating autonomy (h)	Working width (mm)	Solution tank (l)	Recovery tank (l)	Power supply (V)			Battery charger
MMx									
MMx43/50/500 E	1200	-	430-510	40	50	230 V	standard	-	-
MMx43/50/52 B	1250	2	430-510-500	40	50	24	standard	optional	optional
MMx43/50/52 Bt	1750	2	430-510-500	40	50	24	standard	optional	optional
Mx									
Mx50 Bt	2250	3	510	60	70	24	standard	optional	optional
Mx50 Bts	2250	3	500	60	70	24	standard	optional	optional
Mx55 Bt	2500	3	560	60	70	24	standard	optional	optional
Mx65 Bt	2900	3	660	60	70	24	standard	optional	optional
SMx									
SMx60 Bts	3000	4	600	80	90	24	standard	optional	optional
SMx65 Bt	3300	4	660	80	90	24	standard	optional	optional
SMx75 Bt	3750	4	755	80	90	24	standard	optional	optional

MAXIMA RESTYLING: the goals set by Fimap

Increased performance	<i>+ speed with - water consumption and + operating autonomy</i>
Low-noise machine	<i>Respect for both the operator and the environment</i>
Separate water and detergent management	<i>Respect for both the operator and the environment</i>
Design	<i>Fimap family feeling, innovative and compact</i>
Maintenance procedures	<i>As simple as possible</i>
Increased reliability	<i>With new technical devices + industrialisation</i>
More versatile	<i>Different brush heads can be fitted on the same body</i>
Comfort for the operator	<i>Easier working conditions for the operator</i>
Standard equipment	<i>The machine can be fully equipped</i>

MUST

ECONOMIC

MMx-Mx-SMx

CONCEPT

Increased performance



4,5 km/h

+ faster with — lower water consumption

MMx-Mx-SMx

CONCEPT

Increased performance

The longer water refilling intervals are a big benefit for the operator with considerably fewer pit-stops and increased productivity



Solution tank

MMx 40 lt.

Mx 60 lt.

SMx 80 lt.



Recovery tank

MMx 50 lt.

Mx 70 lt.

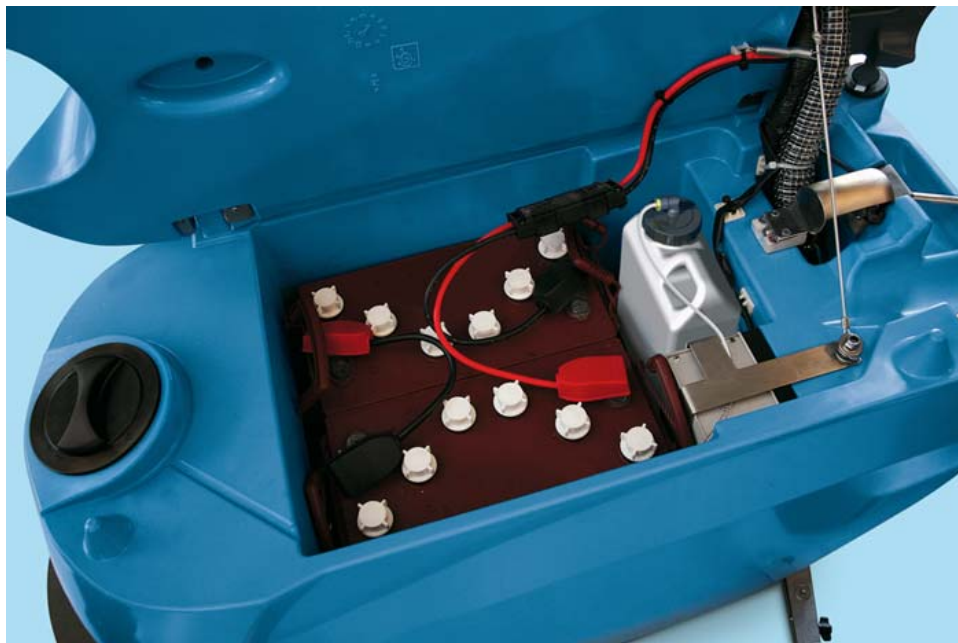
SMx 90 lt.

MMx-Mx-SMx

CONCEPT

Increased performance

Up to 4 hours runtime with one battery charge



The recovery tank can be fully opened to grant good access to the battery compartment for easy maintenance

Model	Operating autonomy (h)	Batteries V	Ah
MMx	2	2x12 V	120
Mx	3	2x12 V	150
SMx	4	4x6 V	270

Model Mx

MMx-Mx-SMx

CONCEPT

Increased performance

Brush pressure adjustment

Up to
50 kg.



MMx = 30 kg.
Mx = 40 kg.
SMx = 50 kg.

MMx-Mx-SMx ensures low energy consumption.
The brush head assembly, thanks to its innovative design, combines powerful scrubbing action with extremely low consumption for its category

MMx-Mx-SMx

CONCEPT

Separate water and detergent management



Silence please! Saving has the floor



FSS, Fimap Solution Saver
is the new dosing control system
for water and detergent, separately,
that has been conceived and designed by Fimap
to use the proper amount of water and detergent
and get the best cleaning performance
without any waste.

MMx-Mx-SMx

CONCEPT

Separate water and detergent management



Silence please! Saving has the floor



Perfectly suitable for any cleaning requirement with maximum savings

- More economic cleaning and running costs always under control
- Water and detergent saving up to 50%
- Higher operator productivity and less downtime
- Uniform cleaning results all over the surface
- No need for awkward adjustments by the operator and no waste of product
- All types of detergents are good to use and can be easily replaced whenever required
- Perfectly suitable for any cleaning requirement
- dramatically reduced floor slipperiness
- In the event of a breakdown, the circuit can be temporarily by-passed to continue the job in the manual mode

MMx-Mx-SMx

CONCEPT

Separate water and detergent management



1 detergent
can

X



40 water
refills

16 gr.
detergent
solution

X



1 sq.m
cleaned
surface






MMx50 Bt

With 1 detergent can for up to 40 water refills

MMx-Mx-SMx

CONCEPT

Thanks to  either standard or very concentrated chemicals can be used

 5 lt. Detergente standard Standard detergent	 H ₂ O 4 lt. + 1 lt. Detergente concentrato Concentrated detergent
0,5%	0,1%
1%	0,2%
1,5%	0,3%
2%	0,4%
2,5%	0,5%
3%	0,6%
3,5%	0,7%

MODALITA' D'USO:
Inserire la tanica o versare direttamente il detergente nella tanica da 5 litri in dotazione.
Selezionare, tramite il selettore sul cruscotto, la % diluizione detergente desiderata tra i valori indicati nella tabella.

INSTRUCTIONS:
Insert the can or pour directly the detergent into the 5 liter can.
Select with the knob on the instrument panel the dilution % you need among the values indicated in the table.

MODALITA' D'USO:
Versare 1 litro di detergente concentrato e riempire completamente di acqua la tanica da 5 litri in dotazione.
Selezionare, tramite il selettore sul cruscotto, la % diluizione detergente desiderata tra i valori indicati nella tabella.


INSTRUCTIONS:
Pour 1 liter concentrated detergent and fill completely the equipped 5 liter can with water.
Select with the knob on the instrument panel the dilution % you need among the values indicated in the table.


MMx-Mx-SMx


CONCEPT

Autonomy and water consumption table of Fimap Solution Saver



								
	10lt.	20lt.	30lt.	40lt.	50lt.	60lt.	70lt.	80lt.
30lt./h	20'	40'	60'	80'	100'	120'	140'	160'
35lt./h	17'	34'	51'	68'	86'	103'	120'	137'
40lt./h	15'	30'	45'	60'	75'	90'	105'	120'
45lt./h	13'	27'	40'	53'	67'	80'	93'	107'
50lt./h	12'	24'	36'	48'	60'	72'	84'	96'
60lt./h	10'	20'	30'	40'	50'	60'	70'	80'
75lt./h	8'	16'	24'	32'	40'	48'	56'	64'





MMx-Mx-SMx

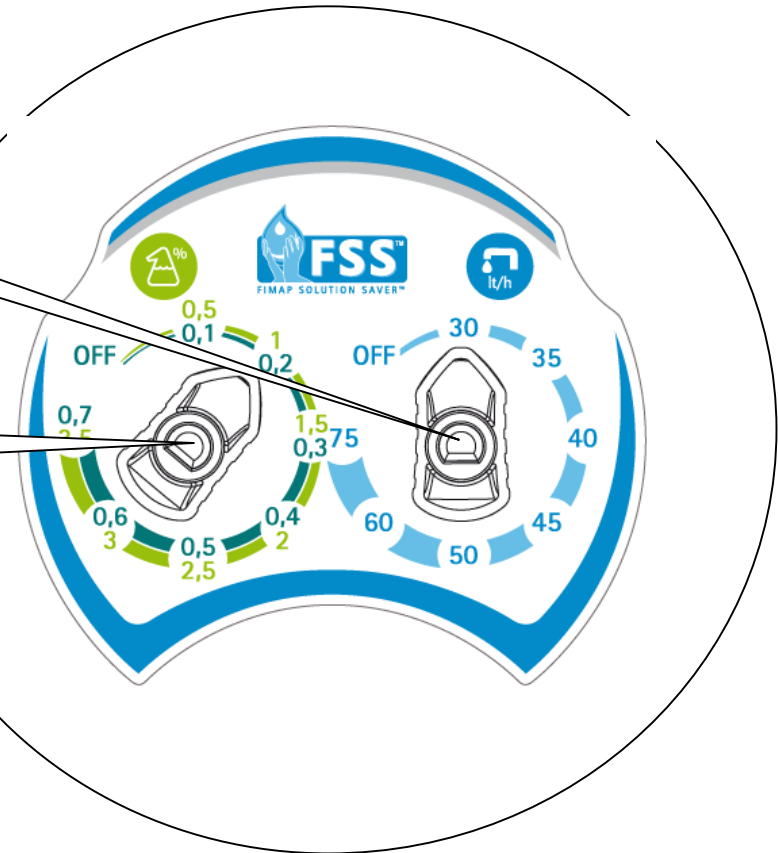
CONCEPT

Separate water and detergent management



Control for water dosing adjustment

Control for detergent dosing adjustment



MMx-Mx-SMx

CONCEPT

Low-noise machine



New technology



as standard equipment

**MAXIMUM
ACOUSTIC SAFETY
FOR THE OPERATOR**

58 dB(A)

The suction
motor with the
lowest noise
level in its
category



MMx-Mx-SMx

CONCEPT

Low-noise machine

New MMx-Mx-SMx

respect for both people and the environment ...

New technology



FNC drastically reduces machine noise emissions thanks to the double insulated chamber where the suction motors are accommodated

FNC eliminates the noise pollution-induced stress of operators and productivity is increased

Thanks to the FNC system fitted on Fimap machines, the sound pressure levels of the suction motor are of 58 dB (A), i.e. well below the limit of 80dB (A) that is provided by law.

As a consequence, employers do not need to provide the operators with personal hearing protection devices nor to have them undergo health checks

MMx-Mx-SMx

CONCEPT

Design

MMx-Mx-SMx are compact



MMx-Mx-SMx

CONCEPT

Design

Modern design ...

My



MMx



Mx



SMx



... family feeling with My16

MMx-Mx-SMx

CONCEPT

Easy to sanitize

Easy-to-sanitize recovery tank thanks to its polyethylene structure with large Inspection opening suction filter and flat bottom for easy cleaning



Easy to clean thanks to the gloss finish of the tank

MMx-Mx-SMx

CONCEPT

Easy to sanitize



Thanks to the suction motor being fitted in the cover of the recovery tank, thorough cleaning of the tank is ensured.

Besides, to ensure best sanitization, a special sloping tank bottom has been devised for easier discharge of dirty water that is directly conveyed to the large-diameter drain hose.

MMx-Mx-SMx

CONCEPT

Easy refill operations

Double water fill opening (Mx and SMx models):
From the back with a flexible hose
from the front with a bucket



MMx Model



Mx/SMx Model

MMx-Mx-SMx

CONCEPT

Easy ordinary maintenance operations

External solution filter for easy cleaning and maintenance



Thanks to the special position of the solution filter cap, water can fully drain away without any water stagnation

Model Mx

MMx-Mx-SMx

CONCEPT

Easy ordinary maintenance operations



faster drain of the recovery tank

Flexible drain hose

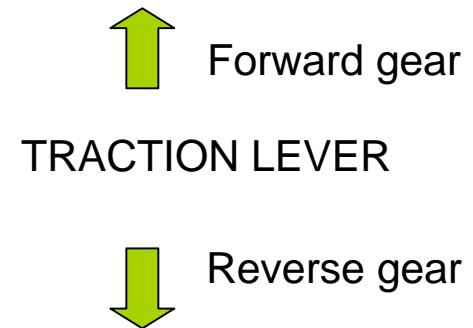
The drain hose position
has been devised
to ensure complete tank emptying



CONCEPT

User-friendliness

No training required
Control system without switches.
Easy to use and self-explanatory



User-friendliness

No training required
Control system without switches.
Easy to use and self-explanatory



TRACTION LEVER
Neutral position



Forward gear
The Bt version
comes with 2
speeds



Reverse gear

CONCEPT

Comfort for the operator

... everything always under control

Indication of the solution tank level with reserve warning lamp



Squeegee lifting lever

To read easier the water level,
on the tank you can see preprinted
litres information

Base lifting and pressure regulation pedal

Model Mx

MMx-Mx-SMx

CONCEPT

Comfort for the operator

anti-skid, non-marking wheels as standard equipment



Excellent
Manoeuvrability
thanks to the 200 mm
diameter wheels

MMx-Mx-SMx

CONCEPT

Comfort for the operator

New handle bar

User-friendly controls

Automatic Kit as standard equipment
(solenoid valve with "drive-dependent" water and brush ON-OFF switch)

Cup holder on the bonnet



MMx-Mx-SMx

CONCEPT

Standard equipment

Battery check card and hour meter as standard equipment

Suitable for rental and scheduled maintenance

On-board battery charger (optional extra)

ECO ON/OFF System as standard equipment
(solenoid valve with "drive-dependent"
water and brush ON-OFF switch)
Pressure adjustment



MMx-Mx-SMx

CONCEPT

Standard equipment

On-board battery charger
(optional extra)



MMx-Mx-SMx

**All the Numbers
of MMx-Mx-SMx**

MMx-Mx-SMx

Model dimensions

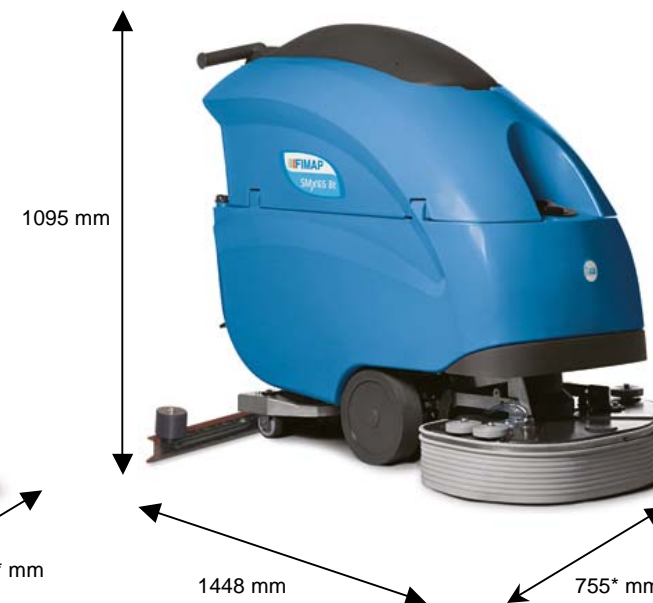
MMx



Mx



SMx





* = dimensions without squeegee

MMx-Mx-SMx

**Application sectors
for areas of over 1000 sq.m**

Thanks to the  technology it is especially suitable for the healthcare sector

MACROSECTOR	SUBSECTOR	MICROSECTOR
HEALTHCARE	Hospitals	Public bodies Public health units Local Social-sanitary
	Private medical inst. Chemist shops Retirement homes	Units Private
		

MMx-Mx-SMx

Application sectors

MACROSECTOR

**CLEANING
CONTRACTORS**

SUBSECTOR

MICROSECTOR

**Small, Medium
and large size**



MMx-Mx-SMx

Application sectors

MACROSECTOR	SUBSECTOR	MICROSECTOR
PUBLIC INSTITUTIONS	State agencies	Municipalities Provincial administrations Regional administrations
	Education	private/public schools
	Armed forces	Security forces Army Aeronautics Canteens Firing ranges



MACROSECTOR	SUBSECTOR	MICROSECTOR
TRADE	Retail	Shopping centres Supermarkets Hypermarkets Slaughterhouses Fruit warehouses
	Distribution	Shipping agents Department stores



MACROSECTOR

SUBSECTOR

MICROSECTOR

AUTOMOTIVE SECTOR

Car dealers

Showrooms

Car repair shops

Machine shops

Car body shops



MACROSECTOR

HOSPITALITY

SUBSECTOR

Accommodation

MICROSECTOR

Hotels, resorts

Maritime transports

Cruise ships, ferries



MACROSECTOR	SUBSECTOR	MICROSECTOR
SERVICES	Religious	Convents/Parishes Seminaries/Boarding schools
	Offices	Credit/Financial Institutions
	Associations	Religious Cultural
	Sport	Swimming pools/Gyms Sports Facilities Sports grounds Sports halls, sports centres









MMx43 Bt



- Vac motor allocation
- Efficient dosing system
- Electromechanic control
- Tank sanification
- Easy to clean thanks to the gloss finish of the tank
- Brush and water stop (Eco On/Off system)
- Extended the running time

Comparison


							
SCRUBBING MACHINES TECHNICAL DESCRIPTION		FIMAP MMx43 Bt	NILFISK BA451 D	TENNANT T2	HAKO Hakomatic B45	RCM Mark 451T	FIORENTINI I 18 BT
Acoustic level	dB(A)	58	65,8	68	-	-	72
Working width	cm	43	45	43	43	45	45
Brushes Ø (Nr.)	mm	430 (1)	450 (1)	430 (1)	430 (1)	450 (1)	450 (1)
Supply	V	24	24	24	24	24	24
Solution tank	l	40	40	26	42	53	30
Recovery tank	l	50	40	36	42	65	30
Working width up to	Sq.m/h	1750	1800	1900	1700	-	2200
Machine dimensions (L x h x w)	mm	1150x1000x445	1190x1050x510	1120x930x478	-	1410x970x510	800x900x460
Machine weight (without batteries)	kg	70	105	80	94	99	60
Squeegee width	mm	680	760	695	760	750	670
Brushes rpm	rpm	140	135	230	210	-	-
Brush pressure	kg	30	19-26	23	-	-	-
Brush motor	V/W	24/400	24/1010 (total power)	24/750	24/720	24/560 (total power)	24/500
Traction motor	V/W	24/150	-	-	24/180	24/150	150
Type of drive		aut.	aut.	semi aut.	aut.	aut.	aut.
Forward speed	km/h	4	4	4,4	4,5	-	4
Max gradient at full load	%	10	10	2	10	10	10
Suction motor	V/W	24/310	24/1010 (total power)	24/300	24/420	24/500	24/500
Suction vacuum	mbar	-	110	102	-	-	-
Batteries (Nr.)	V/A	12/115 (2)	12/105 (2)	12/85 (2)	12/105 (2)	12/115 (2)	12/110 (2)
Batteries weight	kg	60	65	56	78	78	-

Mx50 Bt



- Vac motor allocation
- Efficient dosing system
- Electromechanic control
- Tank sanification
- Easy to clean thanks to the gloss finish of the tank
- Brush and water stop (Eco On/Off system)

Comparison







						
SCRUBBING MACHINES TECHNICAL DESCRIPTION		FIMAP Mx50 Bt	NILFISK BA551	TENNANT T3	RCM 501 T	LAVOR R 50 BT
Acoustic level	dB(A)	58	65,8 (1,5 mt)	68,5	-	-
Working width	cm	51	53	51	50	55
Brushes Ø (Nr.)	mm	510 (1)	530 (1)	510 (1)	500 (1)	550 (1)
Supply	V	24	24	24	24	24
Solution tank	l	60	55	40	53	67
Recovery tank	l	70	55	57	65	77
Working width up to	Sq.m/h	2250	2120	2210	-	2250
Machine dimensions (L x h x w)	mm	1380x1053x530	1320x1090x540	1280x1090x560	1410x970x510	1320X1020X560
Machine weight (without batteries)	kg	110	109	100	99	127
Squeegee width	mm	780	760	760	750	-
Brushes rpm	rpm	240	135	230	-	-
Brush pressure	kg	30-40	21-28	23-41	-	-
Brush motor	V/W	24/560	24/1010 (total power)	24/750	24/1210 (total power)	-
Traction motor	V/W	24/150	-	-	-	-
Type of drive		aut.	aut.	aut.	aut.	aut.
Forward speed	km/h	4,5	4	4,3	-	4
Max gradient at full load	%	10	16	10	10	10
Suction motor	V/W	24/310	24/1010 (total power)	24/370	-	24/480
Suction vacuum	mbar	188	110	102	-	128
Batteries (Nr.)	V/A	12/150 (2)	12/130 (2)	12/155 (2)	12/115 (2)	12/157 (2)
Batteries weight	kg	75	90	77	70	75

SMx65 Bt



- Vac motor allocation
- Efficient dosing system
- Electromechanic control
- Tank sanification
- Easy to clean thanks to the gloss finish of the tank
- Brush and water stop (Eco On/Off system)

Comparison

							
SCRUBBING MACHINES TECHNICAL DESCRIPTION		FIMAP SMx65 Bt	NILFISK BA651	TENNANT T5	HAKO Hakomatic Bt70	LAVOR R 66 BT	RCM 682
Acoustic level	dB(A)	58	-	67	63 (CLH version)	-	-
Working width	cm	65	66	70	65	66	67
Brushes Ø (Nr.)	mm	345 (2)	330 (2)	356 (2)	330 (2)	330 (2)	340 (2)
Supply	V	24	24	24	24	24	24
Solution tank	l	80	85	85	72	88	88
Recovery tank	l	90	85	102	74	91	92
Working width up to	Sq.m/h	3300	3700	2900	3200	3762	2000
Machine dimensions (L x h x w)	mm	1448x1095x680	1500x1050x600	1410x1120x740	-	1460x1170x740	1500x1000x800
Machine weight (without batteries)	kg	155	170	152	157	168	160
Squeegee width	mm	970	890	1050	950	1030	960
Brushes rpm	rpm	240	220	220	-	-	-
Brush pressure	kg	30-50	32-52	18-54	-	-	-
Brush motor	V/W	24/560	24/800	24/560 (2)	24/1850 (total power)	-	24/1400 (total power)
Traction motor	V/W	24/250	24/200	-	-	-	24/1400 (total power)
Type of drive		aut.	aut.	aut.	aut.	aut.	aut.
Forward speed	km/h	5	5,6	4,3	5	5,7	3
Max gradient at full load	%	10	10	10	10	10	10
Suction motor	V/W	24/310	24/420	24/640	24/1850 (total power)	24/550	24/1400 (total power)
Suction vacuum	mbar	188	142	157	-	173	-
Batteries (Nr.)	V/A	6/245 (4)	6/245 (4)	6/234 (4)	6/200 (4)	6/240 (4)	6/240 (4)
Batteries weight	kg	130	200	124	150	130	140

MMx-Mx-SMx

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