

PWM 509 Mop Star [EL DV DD]

Professional washing machine, electrically heated, with drain valve and detergent drawer, M Touch Pro, for facility management.



- Drum volume 80 l, maximum load size 9.0 kg
- Top cleaning and consumption values – innovative Miele technology
- Maximum user convenience with colour touch display – M Touch Pro
- Perfect spinning results – residual moisture 44 %*, g-factor 518
- Connected for the future using LAN and WiFi

* Residual moisture specification relates to a hot rinse during the last rinse cycle.

EAN: 4002516852483 / Material number: 12699100 /
Old Material Number: 51509007GB

Construction type and version

Construction type	Front loader
Range	Performance
Front	Iron grey
Control panel colour	Stainless steel
Maximum load with a load ratio of 1:9 in kg	9.0
Load ratio	1:9
Load in kg	9.0
Drum volume in l	80
Door opening [Ø] in mm	370
Door opening angle in degrees	180
Door hinge	right
Automatic door lock	•
Maintenance-free synchronous motor	•
Stainless steel honeycomb drum	•

Application

Suitable for facility management	•
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Performance data

Specific water consumption for cold water connection in l/kg	6.30
Specific energy consumption for cold water connection in kWh/kg	0.13
Specific water consumption for hot water connection in l/kg	6.60
Specific energy consumption for hot water connection in kWh/kg	0.03
Water consumption with cold water connection in l	56.2
Energy consumption with cold water connection in kW	1.20
Programme duration in minutes with cold water connection	49
Water consumption with hot water connection in l	59.3
Energy consumption with hot water connection in kW	0.23
Programme duration in minutes with cold water and hot water connection	45
Water consumption in ECO programme with cold water connection in l	49.5
Energy consumption in ECO programme with cold water	0.82
Programme duration in minutes with cold water connection in ECO programme	34
Water consumption in ECO programme with hot water connection in l	52.0
Energy consumption in ECO programme with hot water	0.14
Programme duration in minutes with cold water and hot water connection in ECO programme	32
Residual moisture with cold rinse in %	47
Residual moisture with hot rinse in %	44
Spin speed in rpm	1300
g factor	518
Tested operating hours	30000

Control system

Control system	M Touch Pro
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Programmability	programmable
Max. delay start in h	Freely selectable
Time left display	•
Programme sequence indicator	•
Selectable display languages	•
Standard/target grp programmes	
Basic programmes	•
Programmes for facility management	•
Dispensing	
Detergent drawer	3 compartments
Flexible dispensing adapter (optional)	•
Maximum number of connections for liquid dispenser pumps [number]	6
Empty sensor	•
Standard electrical connection	
Heating type	Electric
Electrical connection	1N AC 230V 50/60HZ
Heater rating in kW	5.20
Total connected load in kW	5.50
Fuse rating in A	25
Water connection/drainage	
Cold water [number]	1x 1/2" hose w/ 3/4" th. union
Hot water [number]	1x 1/2" hose w/ 3/4" th. union
Dump valve	DN 70
Dimensions and weight	
External dimensions, height in mm	1020
External dimensions, width in mm	704
External dimensions, depth in mm	730
External dimensions, gross height in mm	1214
External dimensions, gross width in mm	750
External dimensions, gross depth in mm	817
Net weight in kg	140.0
Gross weight in kg	152
Maximum floor load in N	2421
Emissions data	
Emission sound pressure level in the workplace	65 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	2.30
Features	
Patented pre-spin	•
Cloth reprocessing	•
3-dimensional imbalance monitoring	•
Disinfection rinse	•
Temperature monitoring	•
Special heater element	•
Automatic load control+	•
Flow meter	•
Add laundry	•

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Programme selection via colour frame	•
Efficient fast spin cycle	•
Machine-independent accessories	•
Efficiency and sustainability	
Recycling rate in %	96
Connection options	
Payment system (optional)	•
Optical interface for service access	•
Peak-load negotiation / energy management (optional)	•
LAN	•
WiFi	•
Connector Box	•
Capacities	
Cotton mops, 40 cm / 190 g [number]	47
Cotton mops, 50 cm / 220 g [number]	41
Microfibre mops, 40 cm / 120 g [number]	75
Microfibre mops, 50 cm / 170 g [number]	53
Standards, test certificates and symbols	
CE	•
VDE-EMC	•
VDE	•
Splash-proof safety rating IPX4	•
WRAS	•
UKCA	•
WEEE	•
Complies with Machinery Directive 2006/42/EC	•