

THE CLEANEST GENERAL CATALOGUE EVER.

FLOORCARE

2024

PORTOTECNICA™

member of



IPC

IPC GROUP SUMMARY

#3 EUROPEAN MANUFACTURER OF PROFESSIONAL CLEANING EQUIPMENT

IPC knows every detail of cleaning equipment, with five reknown and dedicated production sites, it is the undisputed Italian leader.

INNOVATIONS

INNOVATION THAT DELIVERS PRODUCTIVITY

IPC's large R&D team works as a group of experts in cleaning innovation to deliver tangible productivity benefits at a fast pace.

KEY VALUES

CLIENT-CENTRIC

IPC's tremendous depth of expertise and know-how are focused on delivering to customers specific solutions, addressing effectively emerging cleaning needs together.

KEY VALUES

COMMITTED TO SUSTAINABILITY

IPC's sustainable technologies contribute every year to improve energy, water savings and recycling of materials.

NETWORK

GLOBAL DISTRIBUTION

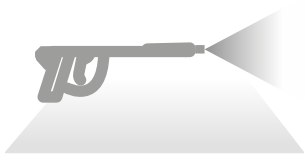
IPC has a global commercial network active in over 120 countries, with pervasive and complete service in reference markets.

PRODUCTS

COMPLETE PORTFOLIO

IPC provides a complete range of professional equipment including scrubber dryers, professional vacuum cleaners, high pressure washers and manual equipment.

MORE THAN **1.000 SPECIALISTS** DEDICATED TO **"CLEAN ON"**



HIGH PRESSURE WASHER DIVISION

50.000 pieces of hp
cleaners a year
and a **4.500 sq/m** of
warehouses.

Number of patents: 12

Certificates:

UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
UNI ISO 45001:2018
UNI EN ISO 14067:2018



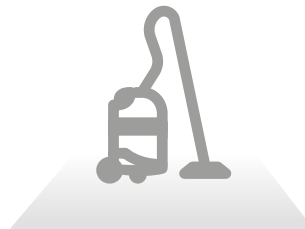
FLOORCARE DIVISION

40.000 pieces of
floorcare machines a
year and a **7.000 sq/m** of
warehouses.

Number of patents: 45

Certificates:

UNI EN ISO 9001:2015
UNI ISO 45001:2018
UNI EN ISO 14067:2018



VACUUM CLEANER DIVISION

200.000 pieces of
vacuums a year
and a **1.800 sq/m** of
warehouses.

Number of patents: 9

Certificates:

UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
UNI ISO 45001:2018
UNI EN ISO 14067:2018



MANUAL TOOLS DIVISION

7 million pieces of
cleaning equipments a
year and **11.000 sq/m** of
warehouses.

Number of patents: 23

Certificates:

UNI EN ISO 9001:2015
UNI EN ISO 14067:2018



FLOORCARE

| | |
|------------------------|----|
| OVERVIEW | 4 |
| SCRUBBER DRIERS | 6 |
| SWEEPERS | 39 |
| PACKAGING | 54 |

SCRUBBER DRIERS - **WALK BEHIND**



LAVAMATIC 5

P. 20



LAVAMATIC 15

P. 22



LAVAMATIC 30

P. 24



LAVAMATIC 45

P. 26



LAVAMATIC 46

P. 28



LAVAMATIC 40

P. 30



LAVAMATIC 51

P. 32



LAVAMATIC 71

P. 34

SCRUBBER DRIERS - **RIDE ON**



LAVAMATIC 80

P. 36



LAVAMATIC 110

P. 38

SWEEPERS - WALK BEHIND



LION 500 M

P. 46



LION 460

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LION 520

P. 50

SWEEPERS - RIDE ON



1250

P. 52



SCRUBBER DRIERS

| | |
|--------------------|---|
| INNOVATIONS | 9 |
|--------------------|---|

| | |
|--------------------------|----|
| SUGGESTED SECTORS | 18 |
|--------------------------|----|

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| WALK BEHIND | |
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| LAVAMATIC 5 | 20 |
|-------------|----|

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| LAVAMATIC 15 | 22 |
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| LAVAMATIC 30 | 24 |
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| LAVAMATIC 45 | 26 |
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| LAVAMATIC 46 | 28 |
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| LAVAMATIC 40 | 30 |
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| LAVAMATIC 51 | 32 |
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| LAVAMATIC 71 | 34 |
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| LAVAMATIC 80 | 36 |
|--------------|----|

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| RIDE ON | |
|----------------|--|

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|---------------|----|
| LAVAMATIC 110 | 38 |
|---------------|----|



HEPA FILTER

HEPA FILTER IN SCRUBBER DRYERS FOR IMPROVED INDOOR AIR QUALITY

HEPA filter, also known as high-efficiency particulate absorbing filter and high-efficiency particulate arrestance filter, is an efficiency standard of air filters.

HEPA filter, H13 certified, can remove 99,97% - 99,99% of airborne particles that are equal to, smaller or larger than 0.3 microns in size.

It is ideal for thin dust and ashes, since filters and tubes have been tested up to 200° C.

HEPA filter is recommended to improve filtration to even higher standards and help improve indoor air quality. That's why it is especially suitable for industries with cleanrooms, hospitals, nurseries and hotels.



BENEFITS

- 01 Handy tools in scrubber dryers.
- 02 Improved air quality.
- 03 Superior filtration levels.
- 04 Microscopic particulates removal.



INTERCHANGEABLE BRUSH HEAD

TRANSFORM IT ACCORDING TO YOUR NEEDS



7 INTERCHANGEABLE BRUSH HEADS

BENEFITS

- 01 Same machine can use different brush heads.
- 02 Increase efficiency on service and cut machine down time.
- 03 Stock management (one machine with 7 brush heads instead 7 different machines)*.

* XP versions



ANC™ ADVANCED NOISE CONTROL

SILENT.

ANC™ reduces the noise level.

ANC™ WITHOUT ANC™



BENEFITS

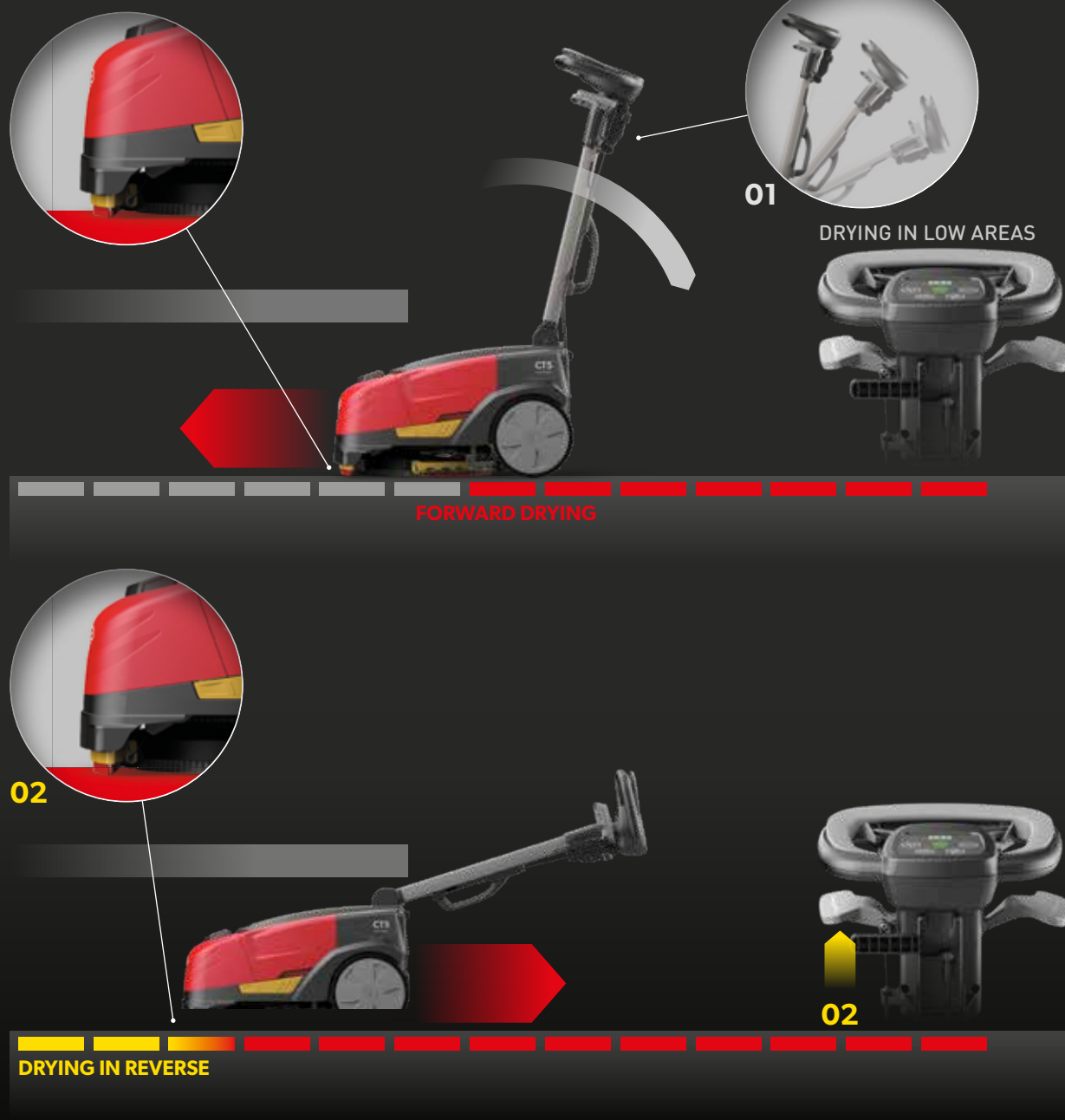
- 01 Among the lowest noise levels in the marketplace.
- 02 Extremely low noise where silence is necessary.
- 03 Does not disturb in crowded areas.



RDS REVERSE DRY SYSTEM

PATENTED

EASY DRYING EVERYWHERE



BENEFITS

- 01** Dry mode in reverse with RDS system.
- 02** Handle can be adjusted during cleaning operation.
- 03** Extremely easy and intuitive system.



LI-ION LITHIUM BATTERY

LI-ION LITHIUM BATTERIES

Lithium-ion or li-ion battery is an advanced battery technology, which uses lithium ions to store energy. It's a type of rechargeable battery with high energy density and voltage capacity, and a lower percentage of self-discharge compared to other rechargeable batteries.



LONG LIFE TO BATTERIES

Applied to: CT 5, CT 15.

BENEFITS

- 01 Fast recharge: Li-ion batteries allow a faster recharge than the traditional ones.
- 02 Life cycle: they have an average life cycle four times greater than standard batteries.
- 03 Running time: they deliver a longer running time than the others.
- 04 No maintenance costs: considering their long life, there's no need to replace them as frequently.
- 05 Less weight: Li-ion batteries are lighter and easier-to-transport than traditional batteries.



ECO SELECT

LESS ENERGY – HIGHER PRODUCTIVITY – LESS NOISE

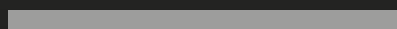
Eco Select allows to decrease energy consumption and increase running time of up to 20% in every day cleaning operations. Noise levels are lower than 2 dB allowing cleaning operations even in areas where silence is required. Programmed maintenance time gaps are longer with consequent cost reduction.

ECOSELECT WITHOUT ECOSELECT



ENERGY

WITHOUT



+20% - WITH

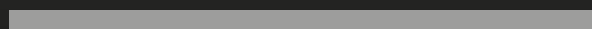


RUNNING TIME



WATER ONLY FOR LAVAMATIC 80

WITHOUT



-2 DB - WITH



NOISE LEVEL

BENEFITS

- 01 Increase running time up to 20%.
- 02 Saves water and chemical consumption.
- 03 Reduces noise even more when required.



SLS™ SELF LEVELING SYSTEM

CONSTANT HIGH CLEANING PERFORMANCES.

SLS™ - mechanical or electronic system allows great cleaning performance by fully adapting brushes with floor unevenness. Electronic or mechanical system in according to the model.



MECHANICAL SYSTEM BRUSH PRESSURE BY WEIGHT



ELECTRONIC SYSTEM SET AND CONSTANT BRUSH PRESSURE



BENEFITS

- 01 Excellent and constant floor cleaning results.
- 02 Optimises brush consumptions.
- 03 Electronic system even more effective and efficient.

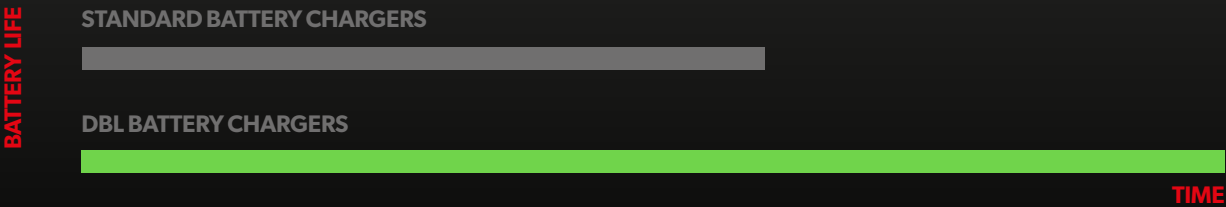
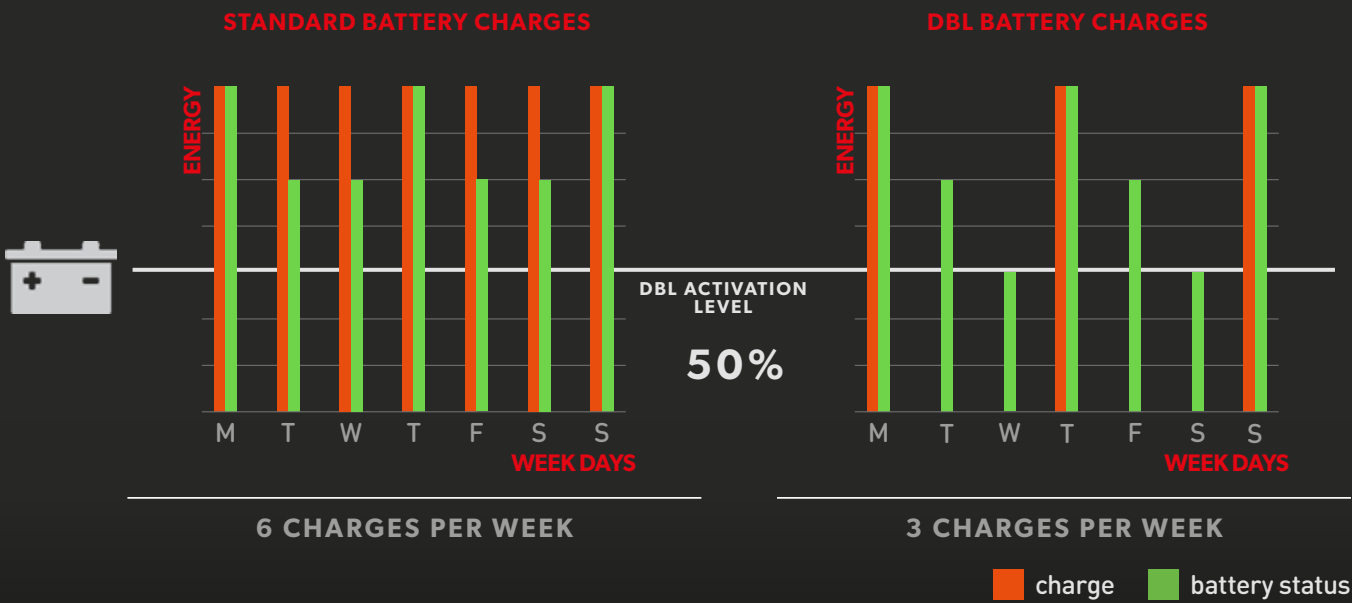


DBL™
DOUBLE
BATTERY LIFE

OPTIMIZE BATTERY CYCLES.

DBL™ optimizes charging cycles and increases battery life up to 100%.
Standard on IPC high frequency battery charger.

DBL TECHNOLOGY BENEFITS



BENEFITS

- 01 Extended battery life up to 100%.
- 02 Optimize the charging cycles.
- 03 Recharging optimizes only when required.



MEMORY CARD

YOUR SERVICE FULLY UNDER CONTROL.

Full control of your machine with service assistance management.
Memory card allows to download on PC, tablet and mobile the machine's working parameters.
A dedicated software will easily identify the most important datas, such as battery chargers cycles, brush motor consumption, working hours and alerts.



BENEFITS

- 01 Supervise battery life.
- 02 Keep machine under control.
- 03 Plan service program.



SERVICE MENU

INNOVATIVE PREVENTION FEATURE

The system allows the constant management of scheduled maintenance.



BENEFITS

- 01 A message alerts the operator to call the service when required.
- 02 Critical issues prevention.
- 03 Reduced maintenance costs.

RETAIL



CLEANING INDOOR FLOORING

- ▶ FRESH ZONES FOR VEGETABLES, FISH AND MEAT STORAGE: CENTRALIZED BATHROOMS
- ▶ CAFETERIAS, STAFF ROOMS AND KITCHENS
- ▶ PREWASHING AND DAILY CLEANING OPERATIONS

CLEANING LARGE AREAS

- ▶ MULTY-STOREY PARKING CAR PARKS
- ▶ HALLWAYS AND CORRIDORS
- ▶ WAREHOUSE CLEANING

DISTRIBUTION

- ▶ CLEANING BETWEEN PALLETS AISLES, SHELVES AND IN RESTRICTED AREAS
- ▶ PREWASHING OPERATIONS AND MAINTENANCE CLEANING
- ▶ LOADING & UNLOADING BAYS CLEANING

HORECA



RESTAURANTS

- ▶ MAINTENANCE CLEANING
- ▶ KITCHEN AND DINING ROOMS
- ▶ HALLWAYS AND COMMON AREAS

HOTELS

- ▶ HALLWAYS AND COMMON AREAS
- ▶ CONVENTION CENTERS CLEANING
- ▶ STORAGE ROOMS CLEANING

CLEANING EXTERNAL AREAS

- ▶ HALLWAYS AND COMMON AREAS
- ▶ PARKING AND STORAGE AREAS CLEANING
- ▶ SILOS AND MULTY-STOREY CAR PARKS

CLEANING CONTRACTORS



SHOPS

- ▶ MAINTENANCE CLEANING
- ▶ INDOOR AREAS
- ▶ TOILETS

SERVICES

- ▶ RESIDENTIAL AREAS
- ▶ CANTEENS
- ▶ PUBLIC SERVICES

INDUSTRY

- ▶ OFFICES CLEANING
- ▶ DEEP CLEANING
- ▶ PRODUCTION AREAS & WAREHOUSES

MUNICIPALITIES



PUBLIC INSTITUTIONS

- ▶ MAINTENANCE CLEANING
- ▶ HALLWAYS AND COMMON AREAS CLEANING
- ▶ CORRIDORS AND ELEVATORS CLEANING

SCHOOLS & UNIVERSITIES

- ▶ DAILY CLEANING
- ▶ ENTRANCE, HALLWAYS AND COMMON AREAS CLEANING
- ▶ CLASSROOMS CLEANING

HOSPITALITY

- ▶ HALLWAYS AND COMMON AREAS CLEANING
- ▶ DAILY CLEANING
- ▶ HIGH-RISK AND INTENSIVE CARE AREAS CLEANING

LAVAMATIC 5

MAX PRODUCTIVITY

900 m²/h

BATTERIES
RUNNING TIME

standard 50 min.
optional 75 min.

WATER TANK
RUNNING TIME

25' working session

 ECO SELECT

 LI-ION
BATTERY

 RDS
REVERSE DRY SYSTEM

BATTERY AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE

RETAIL

HORECA

CLEANING CONTRACTORS

INNOVATIONS

 RDS
REVERSE
DRY
SYSTEM

 ANCTM
ADVANCED
NOISE
CONTROL

 SLSTM
SELF
LEVELING
SYSTEM

 ECO
SELECT

 LI-ION
LITHIUM
BATTERY

SPEC



THE RDS ALLOWS TO WASH AND DRY EASILY EVEN IN POINTS WHERE OTHER MACHINES DO NOT REACH



RECHARGEABLE LITHIUM-ION BATTERY BOTH ON BOARD THE MACHINE AND EXTERNALLY



CT5 CAN BE STORED, TRANSPORTED AND PARKED IN EVERY SPACE IN JUST FEW SECOND

TECHNICAL DATA

| | | |
|---|-------------------|------------------------------------|
| Code | | LAVAMATIC 5B30 |
| PERFORMANCE | | LPTB01744 |
| Max theoretical productivity | m ² /h | 900 |
| Cleaning path | mm | 280 |
| Water tank capacity (solution recovery) | l | 5 - 5 |
| Max running time | min | 50/75 |
| Voltage | V-Ah | 36 |
| Installed power | W | 220 |
| Brush pressure | kg | 10 |
| Squeegee width | mm | 300 |
| Max speed | km/h | 3 |
| Weight | kg | 19,8 with batt. / 17 without batt. |
| Dimension (LxWxH) | mm | 758 x 376 x 392 |

STANDARD ACCESSORIES

| | | |
|--------------------------------------|--|--------------------|
| BRUSH | | LAVAMATIC 5 |
| PPL MEDIUM | | SPPV02438 |
| SQUEEGEE BLADES | | |
| LATEX STRAIGHT SQUEEGEE FRONT BLADE | | MPVR12307 |
| LATEX STRAIGHT SQUEEGEE REAR BLADE | | MPVR12308 |
| LATEX PARABOLIC SQUEEGEE FRONT BLADE | | MPVR12309 |
| LATEX PARABOLIC SQUEEGEE REAR BLADE | | MPVR12310 |

CONSUMABLES (Codes available on price list)

BRUSHES



PADS



SQUEEGEE BLADES



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|---|----|-----------------|-------------|--------------|---------------------------|
| Standard battery Shipment By Boat or Track KTRI06041* | 1 | 36V 5,5 Ah | 190x104x141 | 50 min. | Battery charger BACA00263 |
| Standard battery Shipment By Air KTRI06043* | 1 | 36V 5,5 Ah | 190x104x141 | 50 min. | Battery charger BACA00263 |
| Optional Battery Shipment By Boat or Track KTRI06042* | 1 | 36V 7,2 Ah | 190x104x141 | 75 min. | Battery charger BACA00263 |
| Optional Battery Shipment By Air KTRI06044* | 1 | 36V 7,2 Ah | 190x104x141 | 75 min. | Battery charger BACA00263 |

LAVAMATIC 15

MAX PRODUCTIVITY

1225 m²/h

BATTERIES
RUNNING TIME

with STD batteries
1 h

with Lithium battery
1,5 hr

WATER TANK
RUNNING TIME

40'
working session

Li-Ion
LI-ION
BATTERY



ROLLER VERSION



BATTERY AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



ECO
SELECT



TELEMATICS
GPS



DBL™
DOUBLE
BATTERY
LIFE



SLS™
SELF
LEVELING
SYSTEM



LI-ION
LITHIUM
BATTERY



HEPA
FILTER

SPECS



FOLDABLE HANDLE



CARPET KIT



PRESET WORKING
PROGRAMS

TECHNICAL DATA

| | | LAVAMATIC 15 B35 | LAVAMATIC 15 C35 | LAVAMATIC 15 C35R | LAVAMATIC15 B35 LITHIUM OBC | LAVAMATIC15 B35 LITHIUM | LAVAMATIC15 B35 LITHIUM |
|---|------|------------------|------------------|-------------------|-------------------------------------|-------------------------------------|-----------------------------|
| Code | | LPTB06929 | LPTE00598 | LPTE00639 | LPTB03473 | LPTB03474 | LPTB03475 |
| | | | | | BATTERY - ON BOARD CHARGER INCLUDED | BATTERY - EXTERNAL CHARGER INCLUDED | WITHOUT BATTERY AND CHARGER |
| Max theoretical productivity | m²/h | 1225 | 1225 | 1225 | 1225 | 1225 | 1225 |
| Cleaning path | mm | 350 | 350 | 360 | 350 | 350 | 350 |
| Water tank capacity (solution recovery) | l | 16/19 | 16/19 | 16/19 | 16/19 | 16/19 | 16/19 |
| Max running time | min | 60 | Unlimited | Unlimited | 90 | 90 | 90 |
| Voltage | V-Ah | 24(2x12)-29 AGM | 230-50/60 | 230-50/60 | 25,6(1x25,6)-25 Lithium | 25,6(1x25,6)-25 Lithium | 25,6(1x25,6)-25 Lithium |
| Installed power | W | 500 | 625 | 540 | 500 | 500 | 500 |
| Brush pressure | kg | 25 | 25 | 24,5 | 25 | 25 | 25 |
| Squeegee width | mm | 450 | 450 | 430 | 450 | 450 | 450 |
| Max speed | km/h | 3,5 | 3,5 | 3,5 | 3,5 | 3,5 | 3,5 |
| Weight | kg | 59 | 37,5 | 52 | 44 | 43 | 35 |
| Dimension (LxWxH) | mm | 960x550x1220 | 960x550x1220 | 753x440x1220 | 960x550x1220 | 960x550x1220 | 960x550x1220 |

STANDARD ACCESSORIES

| | | LAVAMATIC 15 B35 | LAVAMATIC 15 C35 | LAVAMATIC 15 C35R | LAVAMATIC15 B35 LITHIUM OBC | LAVAMATIC15 B35 LITHIUM | LAVAMATIC15 B35 LITHIUM |
|---------------------------------------|-----------------|------------------|------------------|-------------------|-----------------------------|-------------------------|-------------------------|
| BRUSHES | | | | | | | |
| PPL SOFT | | SPPV02656 | SPPV02656 | - | SPPV02656 | SPPV02656 | SPPV02656 |
| CYLINDRICAL BRUSH - PPL SOFT Ø 0,3 mm | | - | - | SPPV01552 | - | - | - |
| PAD HOLDER | | - | - | - | - | - | - |
| SQUEEGEE BLADES | | | | | | | |
| LATEX FRONT BLADE | MPVR05917 536mm | MPVR05917 536mm | - | MPVR05917 536mm | MPVR05917 536mm | MPVR05917 536mm | MPVR05917 536mm |
| LATEX REAR BLADE | MPVR05918 596mm | MPVR05918 596mm | - | MPVR05918 596mm | MPVR05918 596mm | MPVR05918 596mm | MPVR05918 596mm |
| OIL RESISTANT PU FRONT BLADES | - | - | MPVR31594 536mm | | | | |
| OIL RESISTANT PU REAR BLADES | - | - | MPVR10734 596mm | | | | |

CONSUMABLES (Codes available on price list)

BRUSHES



CYLINDRICAL BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: KTRI06616
HEPA FILTER



CODE: MPVR05950
SPASH GUARD
(DISC VERSION)



CODE: KTRI02257
EXTERNAL SUCTION KIT



CODE: KTRI04761
KIT CARPET CT15R C
230VAC (ROLLER VERSION)



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|--------------------------------|----|------------------|-------------|-----------------------|---|
| IPC AGM battery BAAC00114 | 2 | 12V 29 Ah [C5] | 196x130x168 | 70 min - in Eco mode | On board battery charger 24V 5 Ah KTRI02305 |
| EXIDE gel battery BAAC00123 | 2 | 12V 25 Ah [C5] | 197x182x180 | 80 min - in Eco mode | On board battery charger 24V 5 Ah KTRI02305 |
| Lithium Battery BAAC00212 | 1 | 24V 25 Ah [C5] | 198x166x170 | 100 min - in Eco mode | On board battery charger 24V 5 Ah BACA00296 |
| | | | | | Stand alone battery charger 24V 11 Ah BACA00299 |

RECOMMENDED BATTERIES AND BATTERY CHARGERS

LAVAMATIC 30

MAX PRODUCTIVITY

1575 m²/h

BATTERIES
RUNNING TIME

2,5 h 1,5 h
eco version

WATER TANK
RUNNING TIME

45'
working session



BATTERIES AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



ECO
SELECT



DBL™
DOUBLE
BATTERY
LIFE



SLS™
SELF
LEVELING
SYSTEM



HEPA
FILTER

SPECS



FOLDABLE HANDLE



PRESET WORKING
PROGRAMS



THREE-PHASE VACUUM MOTOR

TECHNICAL DATA

| | | LAVAMATIC 30 C45 | LAVAMATIC 30 B45 ECO |
|---|------|------------------|----------------------|
| Code | | LPTB00599 | LPTB01525 |
| PERFORMANCE | | | |
| Max theoretical productivity | m²/h | 1575 | 1575 |
| Cleaning path | mm | 450 | 460 |
| Water tank capacity (solution recovery) | l | 28/30 | 28/30 |
| Max running time | min | Unlimited | 150 |
| Voltage | V-Ah | 230-50/60 | 24(2x12)-50 AGM |
| Installed power | W | 700 | 900 |
| Brush pressure | kg | 17/21 | 17/21 |
| Squeegee width | mm | 550 | 550 |
| Max speed | km/h | 3,5 | 3,5 |
| Weight | kg | 53 | 98 |
| Dimension (LxWxH) | mm | 960x550x1220 | 960x550x1220 |

STANDARD ACCESSORIES

| | | LAVAMATIC 30 C45 | LAVAMATIC 30 B45 ECO |
|------------------------|--|-------------------|----------------------|
| BRUSHES | | | |
| BRUSH | | SPPV02665 | SPPV02665 |
| SQUEEGEE BLADES | | | |
| LATEX FRONT BLADE | | MPVR05953 - 660mm | MPVR05953 - 660mm |
| LATEX REAR BLADE | | MPVR05954 - 715mm | MPVR05954 - 715mm |

CONSUMABLES (Codes available on price list)

BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: KTRI06616
HEPA FILTER



CODE: MPVR05966
SPLASH GUARD



CODE: KTRI02257
EXTERNAL SUCTION KIT



CODE: KTRI02084
REAR HD SQUEEGEE KIT



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|-------------------------------------|----|------------------|-------------|--------------|---|
| AGM battery (only Eco) BAAC00134 | 2 | 12V 50 Ah (C5) | 229x138x212 | 90 min | On board battery charger 24V 5 Ah KTRI02244 |

RECOMMENDED BATTERIES AND BATTERY CHARGERS

LAVAMATIC 45

MAX PRODUCTIVITY

1750 m²/h

BATTERIES
RUNNING TIME

2,5 h

WATER TANK
RUNNING TIME

50'
working session



BATTERIES AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



ECO
SELECT



DBL™
DOUBLE
BATTERY
LIFE



SLST™
SELF
LEVELING
SYSTEM



HEPA
FILTER

SPECS



FOLDABLE HANDLE



PRESET WORKING
PROGRAMS



THREE-STAGE VACUUM MOTOR

TECHNICAL DATA

| | | LAVAMATIC 45 B45 | LAVAMATIC 45 C45 |
|---|------|------------------|------------------|
| Code | | LPTB02630 | LPTE00597 |
| PERFORMANCE | | | |
| Max theoretical productivity | m2/h | 1750 | 1750 |
| Cleaning path | mm | 500 | 500 |
| Water tank capacity (solution recovery) | l | 40/45 | 40/45 |
| Max running time | min | 140 | Unlimited |
| Voltage | V-Ah | 24(2x12)-74 AGM | 230-50/60 |
| Installed power | W | 950 | 850 |
| Brush pressure | kg | 16/25 | 16/25 |
| Squeegee width | mm | 730 | 730 |
| Max speed | km/h | 3,5 | 3,5 |
| Weight | kg | 110 | 65 |
| Dimension (LxWxH) | mm | 940x576x1280 | 940x576x1280 |

STANDARD ACCESSORIES

| | | LAVAMATIC 45 B45 | LAVAMATIC 45 C45 |
|------------------------|--|-------------------|-------------------|
| BRUSHES | | | |
| BRUSH | | SPPV01332 | SPPV01332 |
| SQUEEGEE BLADES | | | |
| LATEX FRONT BLADE | | MPVR06287 - 815mm | MPVR06287 - 815mm |
| LATEX REAR BLADE | | MPVR06288 - 715mm | MPVR06288 - 715mm |

CONSUMABLES (Codes available on price list)

BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: KTRI06616
HEPA FILTER



CODE: MPVR05966
SPLASH GUARD



CODE: KTRI02140
CHEM DOSE



CODE: KTRI02257
EXTERNAL SUCTION KIT



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|--|----|------------------|-------------|--------------|-----------------------------------|
| IPC AGM battery BAAC00117 KTRI02245 | 2 | 12V 74 Ah [C5] | 257x172x212 | 150 min | On board battery charger 24V 10Ah |
| EXIDE gel battery BAAC00124 KTRI02245 | 2 | 12V 63 Ah [C5] | 261x171x210 | 130 min | On board battery charger 24V 10Ah |

RECOMMENDED BATTERIES AND BATTERY CHARGERS

LAVAMATIC 46

MAX PRODUCTIVITY

1750 m²/h

BATTERIES
RUNNING TIME

3 h

WATER TANK
RUNNING TIME

50'
working session



BATTERIES AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



ECO
SELECT



DBL™
DOUBLE
BATTERY
LIFE



SLS™
SELF
LEVELING
SYSTEM

SPECS



FOLDABLE HANDLE



LARGE BATTERY BOX



PATENTED TRANSPORT WHEEL

TECHNICAL DATA

| Code | | LAVAMATIC 46 B50 LPTB02630 | LAVAMATIC 46 BT50 LPTB03411 | LAVAMATIC 46 C50 LPTE00597 |
|---|------|-------------------------------|--------------------------------|-------------------------------|
| PERFORMANCE | | | | |
| Max theoretical productivity | m²/h | 1750 | 1750 | 1750 |
| Cleaning path | mm | 500 | 500 | 500 |
| Water tank capacity (solution recovery) | l | 40/46 | 40/46 | 40/46 |
| Max running time | min | 180 | 180 | Unlimited |
| Voltage | V-Ah | 24[2x12]-105 AGM | 24[2x12]-105 AGM | 230-50/60 |
| Installed power | W | 910 | 910 | 950 |
| Brush pressure | kg | 16/25 | 16/25 | 16/25 |
| Squeegee width | mm | 730 | 730 | 730 |
| Max speed | km/h | 3,5 | 3,5 | 3,5 |
| Weight | kg | 59 | 59 | 64 |
| Dimension (LxWxH) | mm | 1065x576x1280 | 1065x576x1280 | 1065x576x1280 |

STANDARD ACCESSORIES

| | LAVAMATIC 46 B50 | LAVAMATIC 46 BT50 | LAVAMATIC 46 C50 |
|------------------------|-------------------|-------------------|-------------------|
| BRUSHES | | | |
| BRUSH | SPPV01332 | SPPV01332 | SPPV01332 |
| SQUEEGEE BLADES | | | |
| LATEX FRONT BLADE | MPVR06287 - 815mm | MPVR06287 - 815mm | MPVR06287 - 815mm |
| LATEX REAR BLADE | MPVR06288 - 715mm | MPVR06288 - 715mm | MPVR06288 - 715mm |

CONSUMABLES (Codes available on price list)

BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: MPVR06072
SPLASH GUARD



CODE: KTRI04804
CHEM DOSE



CODE: KTRI02257
EXTERNAL SUCTION KIT



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|---------------------------------|----|-------------------|-------------|--------------|---|
| IPC gel battery BAAC00105 | 2 | 12V 105 Ah [C5] | 345x170x285 | 180 min | Stand alone high frequency BLS010 - BACA00133 On board battery charger 24V 15 Ah - KTRI0480 |
| EXIDE gel battery BAAC00024 | 2 | 12V 105 Ah [C5] | 345x174x283 | 180 min | Stand alone high frequency BLS010 - BACA00133 On board battery charger 24V 15 Ah - KTRI0480 |
| EXIDE gel battery BAAC00132 | 2 | 12V 76 Ah [C5] | 330x171x236 | 140 min | Stand alone high frequency BLS010 - BACA00133 On board battery charger 24V 15 Ah - KTRI0480 |
| Acid tubular plate BAAC00136 | 2 | 12V 85 Ah [C5] | 308x175x225 | 150 min | Stand alone low frequency 24V 12 Ah - BACA00060 On board battery charger 24V 15 Ah - KTRI0480 |
| EXIDE gel battery BAAC00124 | 2 | 12V 63 Ah [C5] | 261x171x210 | 120 min | Stand alone high frequency BLS010 - BACA00133 On board battery charger 24V 15 Ah - KTRI0480 |
| Acid tubular plate BAAC00070 | 2 | 12V 118 Ah [C5] | 345x170x285 | 190 min | Stand alone high frequency BLS010 - BACA00133 Stand alone low frequency 24V 12 Ah - BACA00060 On board battery charger 24V 15 Ah - KTRI0480 |

LAVAMATIC 40

MAX PRODUCTIVITY

1750 m²/h

BATTERIES
RUNNING TIME

2,5 h

WATER TANK
RUNNING TIME

45'
working session



BATTERIES AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



SPECS



INTUITIVE CONTROL PANEL



SEPARATE DETERGENT
DOSING SYSTEM (OPTIONAL)



ANTI-FOAM SYSTEM WITH
SPECIAL ELECTROMECHANICAL
SUCTION MOTOR PROTECTION

TECHNICAL DATA

| | | LAVAMATIC 40 B50 LPTB01548 | LAVAMATIC 40 C50 LPTE00600 |
|---|-------------------|-------------------------------|-------------------------------|
| Code | | | |
| PERFORMANCE | | | |
| Max theoretical productivity | m ² /h | 1750 | 1750 |
| Cleaning path | mm | 500 | 500 |
| Water tank capacity (solution recovery) | l | 40/50 | 40/50 |
| Max running time | min | 150 | Unlimitess |
| Voltage | V-Ah | 24[2x12]-105 GEL | 230-50 |
| Installed power | W | 1030 | 1100 |
| Brush pressure | kg | 18 | 23 |
| Squeegee width | mm | 815 | 815 |
| Max speed | km/h | 3,5 | 3,5 |
| Weight (Without Batteries) | kg | 67 | 83 |
| Dimension (LxWxH) | mm | 1230x516x960 | 1230x516x960 |

STANDARD EQUIPMENT

| | | LAVAMATIC 40 C50 | LAVAMATIC 40 B50 |
|------------------------|--|-------------------|-------------------|
| BRUSHES | | | |
| PPL soft | | SPPV01498 | SPPV01498 |
| SQUEEGEE BLADES | | | |
| LATEX FRONT BLADE | | MPVR08039 - 880mm | MPVR08039 - 880mm |
| LATEX REAR BLADE | | MPVR08035 - 900mm | MPVR08035 - 900mm |

CONSUMABLES (Codes available on price list)

BRUSHES



CYLINDRICAL BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: MECB42513

MAIN CABLE M/F
SOCKET - 20 m
[3X2,5 mm² 230V - 50HZ]



CODE: KTRI01763

CHEM DOSE KIT



CODE: KTRI01870

SOLUTION TANK DRAIN
AND LEVEL HOSE KIT



CODE: MPVR05611

SPLASH GUARD



CODE: KTRI02257

EXTERNAL SUCTION KIT



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|-------------------------------------|----|-------------------|-------------|--------------|--|
| IPC gel battery BAAC00105 | 2 | 12V 105 Ah [C5] | 345x170x285 | 150 min | On board battery charger 24V 10 Ah - KTRI01703 Stand alone high frequency BLS010 - BACA00133 |
| EXIDE gel battery BAAC00024 | 2 | 12V 105 Ah [C5] | 345x174x283 | 150 min | On board battery charger 24V 10 Ah - KTRI01703 Stand alone high frequency BLS010 - BACA00133 |
| Acid tubular plate BAAC00136 | 2 | 12V 85 Ah [C5] | 308x175x225 | 160 min | On board battery charger 24V 10 Ah - KTRI01703 Stand alone high frequency BLS010 - BACA00133 Stand alone low frequency 24V 12 Ah - BACA00060 |
| Dry charge flate plate BAAC00009 | 2 | 12V 105 Ah [C5] | 261x171x210 | 160 min | On board battery charger 24V 10 Ah - KTRI01703 Stand alone high frequency BLS010 - BACA00133 Stand alone low frequency 24V 12 Ah - BACA00060 |
| Acid tubular plate BAAC00070 | 2 | 12V 118 Ah [C5] | 345x170x285 | 160 min | On board battery charger 24V 10 Ah - KTRI01703 Stand alone high frequency BLS010 - BACA00133 Stand alone low frequency 24V 12 Ah - BACA00060 |

RECOMMENDED BATTERIES AND BATTERY CHARGERS

member of IPC

LAVAMATIC 51

MAX PRODUCTIVITY

Up to
3150 m²/h

BATTERIES
RUNNING TIME

3,5 h

WATER TANK
RUNNING TIME

Up to 60'
working session



MEMORY CARD



ANC
ADVANCE NOISE CONTROL
54 dB IN ECO SELECT MODE



BATTERIES AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



INTER-
CHANGEABLE
BRUSH
HEAD



ECO
SELECT



SLSTM™
SELF
LEVELING
SYSTEM



DBLT™
DOUBLE
BATTERY
LIFE



MEMORY
CARD



ANC™
ADVANCED
NOISE
CONTROL



HEPA
FILTER



SERVICE
MENU

SPECS



ADJUSTABLE HANDLE FOR
A COMFORTABLE AND EASY
USE



FULL MACHINE CONTROL
THANKS TO AN INTUITIVE
CENTRAL KNOB



EASY ACCESS NO TOOLS

TECHNICAL DATA

| | | LAVAMATIC 51 B55 LPTB03340 | LAVAMATIC 51 BT55 LPTB03341 | LAVAMATIC 51 BT70 LPTB03342 |
|---|-------------------|-------------------------------|--------------------------------|--------------------------------|
| Code | | | | |
| PERFORMANCE | | | | |
| Max theoretical productivity | m ² /h | 1925 | 2475 | 3150 |
| Cleaning path | mm | 550 | 550 | 700 |
| Water tank capacity (solution recovery) | l | 50/53 | 50/53 | 50/53 |
| Max running time | min | 210 | 210 | 210 |
| Voltage | V-Ah | 24 | 24 | 24 |
| Installed power | W | 800 | 1000 | 1400 |
| Brush pressure | kg | 18 | 18 | 23 |
| Squeegee width | mm | 815 | 815 | 940 |
| Max speed | km/h | 3,5 | 4,5 | 4,5 |
| Weight (Without Batteries) | kg | 81,4 | 89,1 | 94,6 |
| Dimension (LxWxH) | mm | 1328 x 563 x 1033 | 1329 x 563 x 1033 | 1279 x 735 x 1033 |

STANDARD EQUIPMENT

| | LAVAMATIC 51 B55 | LAVAMATIC 51 BT55 | LAVAMATIC 51 BT70 |
|------------------------|-------------------|-------------------|--------------------|
| BRUSHES | | | |
| PPL SOFT | SPPV01352 | SPPV01352 | 2XSPPV01472 |
| SQUEEGEE BLADES | | | |
| LATEX FRONT BLADE | MPVR08039 - 880mm | MPVR08039 - 880mm | MPVR08040 - 1020mm |
| LATEX REAR BLADE | MPVR08035 - 900mm | MPVR08035 - 900mm | MPVR08036 - 1020mm |

CONSUMABLES (Codes available on price list)

BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: KTRI06666
HEPA FILTER



CODE: KTRI04846
CHEM DOSE KIT



CODE: KTRI05244
SPLASH GUARD 50/55 cm



CODE: KTRI05246
SPLASH GUARD 70 cm



CODE: KTRI04848
TOOLS BAR



CODE: KTRI04849
AUTO-REFILL SYSTEM



CODE: KTRI02257
EXTERNAL SUCTION KIT



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|-------------------------------------|----|-------------------|-------------|--------------|--|
| IPC gel battery BAAC00105 | 2 | 12V 105 Ah [C5] | 345x170x285 | 210 min | DBL on board high freq. 24V 15 Ah- KTRI04845 DBL stand alone high frequency BLS010 - BACA00133 |
| EXIDE gel battery BAAC00024 | 2 | 12V 105 Ah [C5] | 345x174x283 | 210 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 |
| EXIDE gel battery BAAC00132 | 2 | 12V 76 Ah [C5] | 330x171x236 | 150 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 |
| Acid tubular plate BAAC00136 | 2 | 12V 85 Ah [C5] | 308x175x225 | 150 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 Stand alone Low frequency 24V 12 Ah BACA0060 |
| Dry charge flate plate BAAC00009 | 2 | 12V 105 Ah [C5] | 261x171x210 | 210 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 Stand alone Low frequency 24V 12 Ah BACA0060 |
| Acid tubular plate BAAC00070 | 2 | 12V 118 Ah [C5] | 345x170x285 | 210 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 Stand alone Low frequency 24V 12 Ah BACA0060 |

RECOMMENDED BATTERIES AND BATTERY CHARGERS

member of **IPC**

LAVAMATIC 71

MAX PRODUCTIVITY

Up to
3150 m²/h

BATTERIES
RUNNING TIME

3,5 h

WATER TANK
RUNNING TIME

Up to **75'**
working session



MEMORY CARD



ANC
ADVANCE NOISE CONTROL
54 dB IN ECO SELECT MODE



BATTERIES AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



INTER-
CHANGEABLE
BRUSH
HEAD



ECO
SELECT



SLST™
SELF
LEVELING
SYSTEM



DBL™
DOUBLE
BATTERY
LIFE



MEMORY
CARD



ANC™
ADVANCED
NOISE
CONTROL



HEPA
FILTER



SERVICE
MENU

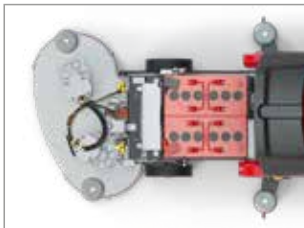
SPECS



ADJUSTABLE HANDLE FOR
A COMFORTABLE AND EASY
USE



FULL MACHINE CONTROL
THANKS TO AN INTUITIVE
CENTRAL KNOB



EASY ACCESS NO TOOLS

TECHNICAL DATA

| | | LAVAMATIC 71 BT55 | LAVAMATIC 71 BT70 |
|---|-------------------|-------------------|-------------------|
| Code | | LPTB03344 | LPTB03343 |
| PERFORMANCE | | | |
| Max theoretical productivity | m ² /h | 2475 | 3150 |
| Cleaning path | mm | 550 | 700 |
| Water tank capacity (solution recovery) | l | 70/70 | 70/70 |
| Max running time | min | 210 | 210 |
| Voltage | V-Ah | 24 | 24 |
| Installed power | W | 1400 | 1400 |
| Brush pressure | kg | 23 | 23 |
| Squeegee width | mm | 940 | 940 |
| Max speed | km/h | 4,5 | 4,5 |
| Weight (Without Batteries) | kg | 95 | 99 |
| Dimension (LxWxH) | mm | 1279x563x1033 | 1297x753x1033 |

STANDARD EQUIPMENT

| | | LAVAMATIC 71 BT55 | LAVAMATIC 71 BT70 |
|------------------------|--|-------------------|--------------------|
| BRUSHES | | | |
| PPL SOFT | | SPPV01352 | 2XSPPV01472 |
| SQUEEGEE BLADES | | | |
| LATEX FRONT BLADE | | MPVR08039 - 880mm | MPVR08040 - 1020mm |
| LATEX REAR BLADE | | MPVR08035 - 900mm | MPVR08036 - 1020mm |

CONSUMABLES (Codes available on price list)

BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: KTRI06666
HEPA FILTER



CODE: KTRI04846
CHEM DOSE KIT



CODE: KTRI05244
SPLASH GUARD 55 cm



CODE: KTRI05246
SPLASH GUARD 70 cm



CODE: KTRI04848
TOOLS BAR



CODE: KTRI04849
AUTO-REFILL SYSTEM



CODE: KTRI02257
EXTERNAL SUCTION KIT



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|-------------------------------------|----|-------------------|-------------|--------------|--|
| IPC gel battery BAAC00105 | 2 | 12V 105 Ah [C5] | 345x170x285 | 210 min | DBL on board high freq. 24V 15 Ah- KTRI04845 DBL stand alone high frequency BLS010 - BACA00133 |
| EXIDE gel battery BAAC00024 | 2 | 12V 105 Ah [C5] | 345x174x283 | 210 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 |
| Acid tubular plate BAAC00136 | 2 | 12V 85 Ah [C5] | 308x175x225 | 150 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 Stand alone Low frequency 24V 12 Ah BACA0060 |
| Dry charge flate plate BAAC00009 | 2 | 12V 105 Ah [C5] | 261x171x210 | 210 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 Stand alone Low frequency 24V 12 Ah BACA0060 |
| Acid tubular plate BAAC00070 | 2 | 12V 118 Ah [C5] | 345x170x285 | 210 min | DBL on board high freq. 24V 15 Ah KTRI04845 DBL stand alone high frequency BLS010 BACA00133 Stand alone Low frequency 24V 12 Ah BACA0060 |

RECOMMENDED BATTERIES AND BATTERY CHARGERS

LAVAMATIC 80

MAX PRODUCTIVITY

4068 m²/h

BATTERIES
RUNNING TIME

4,5 h

WATER TANK
RUNNING TIME

60'
working session



ON BRUSH VERSION



BATTERY AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



ECO
SELECT



ANCTM
ADVANCED
NOISE
CONTROL



DBLTM
DOUBLE
BATTERY
LIFE



MEMORY
CARD



SLSTM
SELF
LEVELING
SYSTEM



SERVICE
MENU

SPECS



4 BATTERIES LODGED IN 1ST
CATEGORY



PRESET WORKING
PROGRAMS



MEMORY CARD

TECHNICAL DATA

| Code | | LAVAMATIC 80 BT55 ECO LPTB02782 | LAVAMATIC 80 BT60 LPTB01899 | LAVAMATIC 80 BT70 LPTB01900 |
|---|-------------------|------------------------------------|--------------------------------|--------------------------------|
| PERFORMANCE | | | | |
| Max theoretical productivity | m ² /h | 3180 | 3685 | 4070 |
| Cleaning path | mm | 550 | 600 | 700 |
| Water tank capacity (solution recovery) | l | 80/83 | 80/83 | 80/83 |
| Productivity for shift | m ² | up to 2475 | up to 2700 | up to 3150 |
| Max running time | min | over 150 | over 240 | over 240 |
| Voltage | V-Ah | 24(2x12)-105 | 24(4x6)-180 | 24(4x6)-180 |
| Installed power | W | 1200 | 1600 | 1600 |
| Brush pressure | kg | 22 | 50 | 50 |
| Squeegee width | mm | 710 | 942 | 942 |
| Max speed | km/h | 6 | 6 | 6 |
| Weight (Without Batteries) | kg | 118 | 134 | 145 |
| Dimension (LxWxH) | mm | 1310x673x1030 | 1310x675x1030 | 1310x760x1030 |

STANDARD ACCESSORIES

| | | LAVAMATIC 80 BT55 ECO | LAVAMATIC 80 BT60 | LAVAMATIC 80 BT70 |
|------------------------|--|-----------------------|--------------------|--------------------|
| BRUSHES | | | | |
| PPL SOFT | | SPPV01352 | 2xSPPV01473 | 2XSPPV01472 |
| SQUEEGEE BLADES | | | | |
| LATEX FRONT BLADE | | MPVR06287 - 815mm | MPVR08040 - 1020mm | MPVR08040 - 1020mm |
| LATEX REAR BLADE | | MPVR06288 - 715mm | MPVR08036 - 1020mm | MPVR08036 - 1020mm |

CONSUMABLES (Codes available on price list)

BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: KTRIV02232
CHEM DOSE KIT



CODE: KTRI06662
FLASHING BEACON KIT



CODE: KTRI02252
CLEAN WATER DRAIN KIT



CODE: KTRI02235
ACCESSORIES KIT



CODE: KTRI02247
AUTO-REFILL SYSTEM



CODE: KTRI02257
EXTERNAL SUCTION KIT



CODE: KTRI02249
SPLASH GUARD
(ONLY FOR BT55)



BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|---------------------------------|----|-------------------|-------------|--------------|---|
| IPC gel battery BAAC00105 | 2 | 12V 105 Ah [C5] | 345x170x285 | 140 | On board battery charger 24V 15Ah KTRI02231 Stand alone high frequency BLS010 BACA00133 |
| EXIDE gel battery BAAC00024 | 2 | 12V 105 Ah [C5] | 345x175x285 | 140 | On board battery charger 24V 15Ah KTRI02231 Stand alone high frequency BLS010 BACA00133 |
| Acid tubular plate BAAC00070 | 2 | 12V 118 Ah [C5] | 345x174x283 | 150 | On board battery charger 24V 15Ah KTRI02231 Stand alone high frequency BLS010 BACA00133 |
| IPC gel battery BAAC00106 | 4 | 6V 180 Ah [C5] | 244x192x275 | 270 | On board battery charger 24V 25Ah KTRI02230 Stand alone high frequency BLS020 BACA00134 |
| EXIDE gel battery BAAC00026 | 4 | 6V 180 Ah [C5] | 240x190x275 | 270 | On board battery charger 24V 25Ah KTRI02230 Stand alone high frequency BLS020 BACA00134 |
| Acid tubular plate BAAC00074 | 4 | 6V 185 Ah [C5] | 246x192x275 | 270 | On board battery charger 24V 25Ah KTRI02230 Stand alone high frequency BLS020 BACA00134 Stand alone low frequency 24V 30 Ah BACA00066 |

LAVAMATIC 110

MAX PRODUCTIVITY

4550 m²/h

BATTERIES
RUNNING TIME

4 h

WATER TANK
RUNNING TIME

100'
working session



BATTERY AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



SPECS



INTUITIVE CONTROL PANEL



INTEGRATED CHEM DOSE



EASY MAINTENANCE

TECHNICAL DATA

| | | |
|---|-------------------|---------------------------|
| Code | | LAVAMATIC 110 BT70 |
| PERFORMANCE | | LPTB01578 |
| Max theoretical productivity | m ² /h | 4550 |
| Cleaning path | mm | 700 |
| Water tank capacity (solution recovery) | l | 110/115 |
| Max running time | min | 240 |
| Voltage | V-Ah | 24 (4x6) - 222 |
| Installed power | W | 1650 |
| Brush pressure | kg | 45 |
| Squeegee width | mm | 940 |
| Max speed | km/h | 6,5 |
| Weight (Without Batteries) | kg | 214 |
| Dimension (LxWxH) | mm | 1504x759x1021 |

STANDARD EQUIPMENT

| | | |
|------------------------|--|---------------------------|
| BRUSHES | | LAVAMATIC 110 BT70 |
| BRUSH | | 2xSPPV01472 |
| SQUEEGEE BLADES | | |
| LATEX FRONT BLADE | | MPVR08040 - 1020mm |
| LATEX REAR BLADE | | MPVR08036 - 1020mm |

CONSUMABLES (Codes available on price list)

BRUSHES



CYLINDRICAL BRUSHES



PADS



SQUEEGEE BLADES



OPTIONAL ACCESSORIES

CODE: KTRI02257
EXTERNAL SUCTION KIT



CODE: KTRI01710
FLASHING BEACON KIT



CODE: KTRI01711
CHEM DOSE KIT



CODE: KTRI01806
REAR WASTE KIT



CODE: KTRI02037
FRONT BUMPER KIT

PICTURE
NOT
AVAILABLE

BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTICS | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|---------------------------------|----|------------------|-------------|--------------|--|
| IPC gel battery BAAC00106 | 4 | 6V 180 Ah [C5] | 244x192x275 | 210 | On board battery charger 24V 25 Ah KTRI0170 Stand alone high frequency BLS020 - BACA00134 |
| EXIDE gel battery BAAC00026 | 4 | 6V 180 Ah [C5] | 246x192x275 | 210 | On board battery charger 24V 25 Ah KTRI0170 Stand alone high frequency BLS020 - BACA00134 |
| Acid tubular plate BAAC00074 | 4 | 6V 185 Ah [C5] | 240x190x275 | 210 | On board battery charger 24V 25 Ah KTRI01709 Stand alone high frequency BLS020 - BACA00134 Stand alone low frequency 24V 30 Ah BACA00066 |
| AGM battery BAAC00107 | 4 | 6V 222 Ah [C5] | 260x180x295 | 250 | On board battery charger 24V 25 Ah KTRI01709 Stand alone high frequency BLS020 - BACA00134 |

RECOMMENDED BATTERIES AND BATTERY CHARGERS



SWEEPERS

| | |
|--------------------|----|
| INNOVATIONS | 40 |
|--------------------|----|

| | |
|--------------------------|----|
| SUGGESTED SECTORS | 44 |
|--------------------------|----|

| | |
|--------------------|--|
| WALK BEHIND | |
|--------------------|--|

| | |
|-------------------|----|
| LION 500 M | 46 |
|-------------------|----|

| | |
|-----------------|----|
| LION 460 | 48 |
|-----------------|----|

| | |
|-----------------|----|
| LION 520 | 50 |
|-----------------|----|

| | |
|----------------|--|
| RIDE ON | |
|----------------|--|

| | |
|-------------|----|
| 1250 | 52 |
|-------------|----|



DBL™ DOUBLE BATTERY LIFE

DOUBLE BATTERY LIFE

The system ensures double amount of rides in one battery life.



BATTERY LIFE



BENEFITS

- 01 Extended battery life (double life extension)
- 02 Charging cycle optimization
- 03 100% lifespan increase
- 04 Avoid needless recharges
- 05 Recharge only when required



SLS™ SELF-LEVELLING SYSTEM

CONSTANT HIGH CLEANING PERFORMANCES.

SLS™ System can be electric or mechanical and allows great cleaning performances thanks to a constant pressure on the floor.



BENEFITS

- 01 Brush head self-levelling & self-adjusting
- 02 A perfect adherence of brushes to floors
- 03 System can be either mechanical or electronic according to machine model



SERVICE MENU

MAXIMUM MACHINE PROTECTION WITH SERVICE MENU

The machine is equipped with a service menu that warns to call the service when needed.



BENEFITS

- 01 Prevention from serious machine damages
- 02 Reduced maintenance costs
- 03 Extension of machine lifespan



SOFT SURFACE CLEANING

CONSTANT HIGH CLEANING PERFORMANCES

Electronical or mechanical system that allows great cleaning performances thanks to a constant pressure on the floor.



BENEFITS

- 01 Brush head self-levelling & self-adjusting
- 02 A perfect adherence of brushes to floors

RETAIL



CLEANING INDOOR FLOOR SURFACES

- ▶ COMMON AREAS
- ▶ GREEN AREAS / LEAVES / DUST / DEBRIS
- ▶ DAILY CLEANING OPERATIONS

CLEANING LARGE AREAS

- ▶ INDOOR PARKING AREAS
- ▶ HALLWAYS AND CORRIDORS
- ▶ WAREHOUSE CLEANING

DISTRIBUTION

- ▶ CLEANING BETWEEN PALLETS AND AISLE, SHELVES AND IN LIMITED AREAS
- ▶ CLEANING BETWEEN PALLETS AISLES, SHELVES AND IN RESTRICTED AREAS
- ▶ LOADING & UNLOADING BAYS CLEANING

HORECA



RESTAURANTS

- ▶ MAINTENANCE CLEANING
- ▶ CARPETED ROOMS MAINTENANCE
- ▶ HALLWAYS AND COMMON AREAS

HOTELS

- ▶ HALLWAYS AND COMMON AREAS
- ▶ CONVENTION CENTERS CLEANING
- ▶ STORAGE ROOMS CLEANING

CLEANING EXTERNAL AREAS

- ▶ HALLWAYS AND COMMON AREAS
- ▶ PARKING AND STORAGE AREAS CLEANING
- ▶ SILOS AND MULTY-STOREY CAR PARKS

CLEANING CONTRACTORS



SHOPS

- ▶ MAINTENANCE CLEANING
- ▶ INDOOR AREAS
- ▶ EXTERNAL AREAS

SERVICES

- ▶ RESIDENTIAL AREAS
- ▶ CANTEENS
- ▶ PUBLIC SERVICES

INDUSTRY

- ▶ OFFICES CLEANING
- ▶ DEEP CLEANING
- ▶ PRODUCTION AREAS & WAREHOUSES

MUNICIPALITIES



PUBLIC INSTITUTIONS

- ▶ MAINTENANCE CLEANING
- ▶ HALLWAYS AND COMMON AREAS CLEANING
- ▶ CORRIDORS AND ELEVATORS CLEANING

SCHOOLS & UNIVERSITIES

- ▶ DAILY CLEANING
- ▶ ENTRANCE, HALLWAYS AND COMMON AREAS CLEANING
- ▶ CLASSROOM CLEANING

HOSPITALITY

- ▶ HALLWAYS AND COMMON AREAS CLEANING
- ▶ INDOOR & OUTDOOR PARKING
- ▶ EXTERNAL AREAS

LION 500 M

MAX PRODUCTIVITY

2345 m²/h

MAIN BRUSH PATH

490 mm

VOLTAGE SYSTEM

Manual



MOST FREQUENTLY USE

RETAIL



HORECA



CLEANING CONTRACTORS



MUNICIPALITIES



SPECS



STEEL FRAME STRUCTURE



EASY ACCESS TO ALL COMPONENTS



ADJUSTABLE HANDLE

TECHNICAL DATA

| | | |
|--------------------------------|-------------------|--------------|
| Code | | LION 500 M |
| PERFORMANCE | | MSUT00705 |
| Main brush cleaning path width | mm | 490 |
| Side brush cleaning path width | mm | 670 |
| Max theoretical productivity | m ² /h | 2345 |
| Hopper capacity | l | 24 |
| Hopper Discarghe System | Type/mm | Low-Manual |
| Max speed | km/h | 3,5 |
| Max Climb | % | 2 |
| Weight whitout batteries | kg | 24 |
| Dimension (LxWxH) | mm | 1300x920x920 |

STANDARD ACCESSORIES

| | | |
|------------|--|------------|
| BRUSHES | | LION 500 M |
| MAIN BRUSH | | SPPV24793 |
| SIDE BRUSH | | SPPV01338 |

PORTOTECNICA™

member of **IPC**

SWEEPERS - WALK BEHIND

LION 460

MAX PRODUCTIVITY

2187 m²/h

MAIN BRUSH PATH

460 mm

VOLTAGE SYSTEM

12 v



BATTERY AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE

RETAIL



HORECA



CLEANING CONTRACTORS



MUNICIPALITIES



INNOVATIONS



SLST™
SELF
LEVELLING
SYSTEM



SOFT
CLEANING
SURFACE

SPECS



LARGE WASTE TRAY



INTUITIVE CONTROL PANEL



ADJUSTABLE HANDLE

TECHNICAL DATA

| | | |
|--------------------------------|-------------------|-----------------|
| Code | | LION 460 |
| PERFORMANCE | | MSUT00715 |
| Main brush cleaning path width | mm | 460 |
| Side brush cleaning path width | mm | 625 |
| Max theoretical productivity | m ² /h | 2187 |
| Voltage | V-Ah | 12 |
| Installed power | W /HP | 180 W |
| Hopper capacity | l | 35 |
| Hopper Discarghe System | Type/mm | Low-Manual |
| Filtering surface | m ² | 1 |
| Fylter type | | Panel -paper |
| Max speed | km/h | 3,5 |
| Max Climb | % | 2 |
| Weight whitout batteries | kg | 38 |
| Dimension (LxWxH) | mm | 1033x615x994 |

STANDARD ACCESSORIES

| | | |
|----------------|--|-----------------|
| | | LION 460 |
| BRUSHES | | |
| MAIN BRUSH | | PMVR01121 |
| SIDE BRUSH | | SPPV00303 |
| FILTERS | | |
| FILTER | | FTDP00013 |

BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTIC | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|--------------------------|----|----------------|-------------|--------------|---------------------------|
| AGM battery BAAC00019 | 1 | 12V 42 Ah (C5) | 195x165x175 | 110 | Standard Included 12V 5Ah |

LION 520

MAX PRODUCTIVITY

2450 m²/h

MAIN BRUSH PATH

500 mm

VOLTAGE SYSTEM

12 v



BATTERY AND BATTERY CHARGER INCLUDED

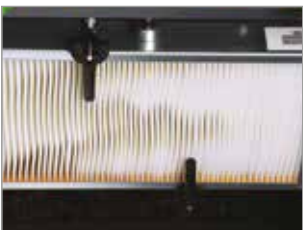
MOST FREQUENTLY USE



INNOVATIONS



SPECS



ELECTRIC FILTER SHAKER



LARGE FRONTAL WASTE TRAY



EASY MAINTENANCE

TECHNICAL DATA

| | | |
|--------------------------------|-------------------|---------------|
| Code | | LION 520 ET |
| PERFORMANCE | | MSUT00712 |
| Main brush cleaning path width | mm | 500 |
| Side brush cleaning path width | mm | 700 |
| Max theoretical productivity | m ² /h | 2450 |
| Voltage | V-Ah | 12 |
| Installed power | W /HP | 485 |
| Hopper capacity | l | 65 |
| Hopper Discarghe System | Type/mm | Low-Manual |
| Filtering surface | m ² | 3 |
| Fylter type | | Panel -paper |
| Max speed | km/h | 3,5 |
| Max Climb | % | 2 |
| Weight whitout batteries | kg | 75 |
| Dimension (LxWxH) | mm | 1160X810X1000 |

STANDARD ACCESSORIES

| | | |
|------------|--|-------------|
| | | LION 520 ET |
| BRUSHES | | |
| MAIN BRUSH | | SPPV00051 |
| SIDE BRUSH | | SPPV76057 |
| FILTERS | | |
| FILTER | | FTDP76065 |

BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTIC | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|--|----|----------------|-------------|--------------|--|
| Acid flat plate battery BAAC00011 | 1 | 12V 60 Ah (C5) | 278x175x190 | 70 min | Stand alone high frequency BLS010 - BACA00133 Stand alone low frequency 12V 10Ah -BACA00001 |
| Acid flat plate battery BAAC00012 * | 1 | 12V 75 Ah (C5) | 325x175x212 | 90 min | Stand alone high frequency BLS010 - BACA00133 Stand alone low frequency 12V 10Ah -BACA00001 |

*RECOMMENDED WITH MPVR00610

1250

MAX PRODUCTIVITY

7440 m²/h

MAIN BRUSH PATH

680 mm

VOLTAGE SYSTEM

12-24 v



BATTERIES AND BATTERY CHARGER INCLUDED

MOST FREQUENTLY USE



INNOVATIONS



DUAL
POWER



DBL™
DOUBLE
BATTERY
LIFE



SERVICE
MENU



SOFT
CLEANING
SURFACE

SPECS



CONTROL PANEL



DUAL POWER



BATTERY BOX

TECHNICAL DATA

| | | LION 1250 E | LION 1250 P |
|--------------------------------|---------|---------------|---------------|
| Code | | MSUB00711 | MSUB00666 |
| PERFORMANCE | | | |
| Main brush cleaning path width | mm | 680 | 680 |
| Side brush cleaning path width | mm | 1200 | 1150 |
| Max theoretical productivity | m²/h | 7440 | 7130 |
| Voltage | V-Ah | 24 | 12 |
| Installed power | W /HP | 1480 | 4,5 Hp |
| Hopper capacity | l | 67 | 67 |
| Hopper Discarghe System | Type/mm | Low-Manual | Low-Manual |
| Filtering surface | m² | 3.3 | 3.3 |
| Fylter type | | Panel - Paper | Panel - Paper |
| Max speed | km/h | 6.2 | 6.2 |
| Max Climb | % | 12 | 12 |
| Weight whitout batteries | kg | 258 | 288 |
| Dimension (LxWxH) | mm | 1615x905x1210 | 1615x905x1210 |

STANDARD ACCESSORIES

| | | LION 1250 E | LION 1250 P |
|----------------|--|-------------|-------------|
| BRUSHES | | | |
| MAIN BRUSH | | SPPV75791 | SPPV75791 |
| SIDE BRUSH | | SPPV00018 | SPPV00018 |
| FILTERS | | | |
| FILTER | | FTDP76067 | FTDP76067 |

OPTIONAL ACCESSORIES

| | | | | |
|--|---|--|--------------------------------------|---------------------------------------|
| CODE: KTRI02279 FRONT BUMPER KIT | CODE: KTRI02280 FRONT LIGHT KIT (FOR 1250 E - 1250 DP-P)) | CODE: KTRI05056 FRONT LIGHT KIT (FOR 1250 P) | CODE: KTRI04766 NON-MARKING FLAPS | CODE: KTRI02348 NON-MARKING WHEELS |
| CODE: KTRI02342 250 AH C5 BATTERY LOCKING SYSTEM | | | | |

BATTERIES AND BATTERY CHARGERS

| BATTERIES | N° | CHARACTERISTIC | DIMENSION | RUNNING TIME | BATTERY CHARGERS |
|---|----|----------------|-------------|--------------|---|
| IPC gel battery BAAC00106 | 4 | 6V 180 Ah (C5) | 244X192X275 | 180 | Stand alone high frequency BLS020 - BACA00134 |
| EXIDE gel battery BAAC00026 | 4 | 6V 180 Ah (C5) | 246X192X275 | 170 | Stand alone high frequency BLS020 - BACA00134 |
| Acid tubolar plate BAAC00074 | 4 | 6V 185 Ah (C5) | 240X190X275 | 175 | Stand alone high frequency BLS020 - BACA00134 |
| GEL battery * BAAC00108 | 4 | 6V 222 Ah (C5) | 305X180X365 | 270 | Stand alone high frequency BLS020 - BACA00134 |
| EXIDE gel battery * BAAC00017 | 4 | 6V 222 Ah (C5) | 311X183X358 | 250 | Stand alone high frequency BLS020 - BACA00134 |
| Acid tubolar plate battery BAAC00136 | 2 | 12V 85 Ah (C5) | 308x175x225 | 60 | Stand alone high frequency BLS010 - BACA00133 |

* RECOMMENDED WITH KTRI02342

PACKAGING

The background features a series of overlapping, angular gray shapes that create a sense of depth and movement. These shapes originate from the left side of the frame and extend towards the right, with varying shades of gray used to distinguish the different layers. The overall composition is minimalist and modern.

SCRUBBER DRIERS

| Code | Model | Carton | Pallet + carton | Nr° / pallet | Dimension | | | Volume | Weight |
|-----------|------------------------------|--------|--------------------|-----------------|-----------|------|------|--------|--------|
| | | | | | L mm | W mm | H mm | | |
| LPTB01744 | LAVAMATIC 5 B30 | | • | 12 | 800 | 400 | 470 | 0,15 | 22,1 |
| LPTB06929 | LAVAMATIC 15 B35 | | • | 6 | 810 | 460 | 640 | 0,24 | 61,8 |
| LPTE00598 | LAVAMATIC 15 C35 | | • | 6 | 810 | 460 | 640 | 0,24 | 43,5 |
| LPTE00639 | LAVAMATIC 15 C35R | | • | 1 | 900 | 610 | 970 | 0,24 | 61,8 |
| LPTB03473 | LAVAMATIC 15 B35 LITHIUM OBC | | • | 6 | 810 | 460 | 640 | 0,24 | 60 |
| LPTB03474 | LAVAMATIC 15 B35 LITHIUM | | • | 6 | 810 | 460 | 640 | 0,24 | 61,8 |
| LPTB03475 | LAVAMATIC 15 B35 LITHIUM | | | 6 | 810 | 460 | 640 | 0,24 | 41 |
| LPTB01525 | LAVAMATIC 30 B45 ECO | | • | 1 | 1000 | 650 | 960 | 0,62 | 109 |
| LPTE00599 | LAVAMATIC 30 C45 | | • | 1 | 1000 | 650 | 960 | 0,62 | 65 |
| LPTE00597 | LAVAMATIC 45 C45 | | • | 1 | 1020 | 720 | 970 | 0,71 | 82 |
| LPTB02630 | LAVAMATIC 45 B45 | | • | 1 | 1270 | 680 | 1130 | 0,98 | 81 |
| LPTB03476 | LAVAMATIC 46 BT50 | | • | 1 | 1270 | 680 | 1130 | 0,98 | 87 |
| LPTE00597 | LAVAMATIC 46 C50 | | • | 1 | 1270 | 680 | 1130 | 0,98 | 85 |
| LPTB02630 | LAVAMATIC 46 B50 | | • | 1 | 1270 | 680 | 1130 | 0,98 | 91,8 |
| LPTE00600 | LAVAMATIC 40 C50 | | • | 1 | 1270 | 680 | 1130 | 0,98 | 110,5 |
| LPTB01548 | LAVAMATIC 40 B50 | | • | 1 | 1270 | 680 | 1130 | 0,98 | 86 |
| LPTB03340 | LAVAMATIC 51 B55 | | • | 1 | 1335 | 780 | 1146 | 1,19 | 100,4 |
| LPTB03341 | LAVAMATIC 51 BT55 | | • | 1 | 1335 | 780 | 1146 | 1,19 | 108,1 |
| LPTB03342 | LAVAMATIC 51 BT70 | | • | 1 | 1335 | 780 | 1146 | 1,19 | 115,1 |
| LPTB03344 | LAVAMATIC 71 BT55 | | • | 1 | 1335 | 780 | 1146 | 1,19 | 108,9 |
| LPTB03343 | LAVAMATIC 71 BT70 | | • | 1 | 1335 | 780 | 1146 | 1,19 | 115,9 |
| LPTB02782 | LAVAMATIC 80 BT55 ECO | | • | 1 | 1450 | 795 | 1141 | 10,39 | 151 |
| LPTB01899 | LAVAMATIC 80 BT60 | | • | 1 | 1450 | 795 | 1141 | 10,39 | 164,2 |
| LPTB01900 | LAVAMATIC 80 BT70 | | • | 1 | 1450 | 795 | 1141 | 10,39 | 173 |
| LPTB01578 | LAVAMATIC 110 BT70 | | • | 1 | 1530 | 950 | 1460 | 2,12 | 240,5 |

SWEEPERS

| Code | Model | Carton | Pallet + carton | Nr° / pallet | Dimension | | | Volume | Weight |
|-----------|-------------|--------|--------------------|-----------------|-----------|------|------|--------|--------|
| | | | | | L mm | W mm | H mm | | |
| MSUT00705 | LION 500 M | • | | 4 | 780 | 920 | 420 | 0,3 | 28 |
| MSUT00715 | LION 460 | • | | 6 | 1130 | 990 | 1040 | 1,16 | 40 |
| MSUT00712 | LION 520 ET | | • | 1 | 790 | 1290 | 1060 | 1,08 | 102 |
| MSUB00711 | LION 1250 E | | • | 1 | 1730 | 1080 | 1360 | 2,54 | 321,4 |
| MSUB00666 | LION 1250 P | | • | 1 | 1730 | 1080 | 1360 | 2,54 | 367 |

PORTOTECNICA™

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