

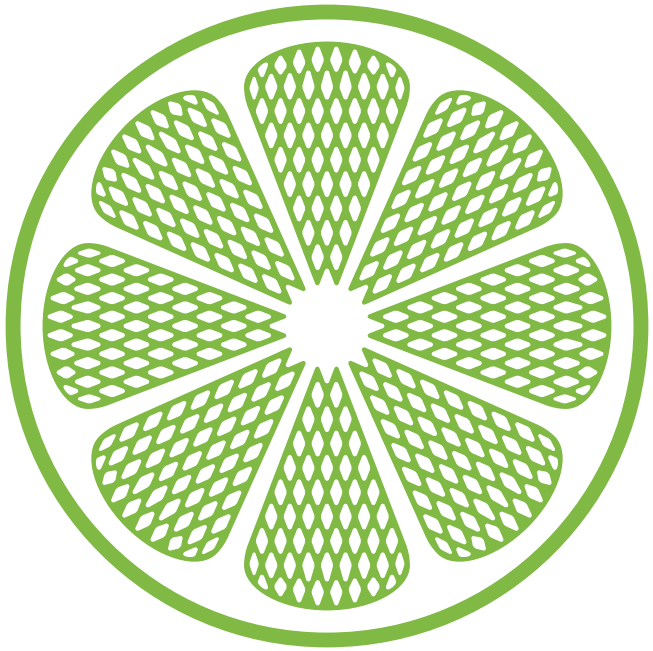
# Vacuum Cleaners



**IPC** Portotecnica

IPC Integrated Professional Cleaning

# IPC Integrated Professional Cleaning





**IPC - Integrated Professional Cleaning** - was formed in 2005 following the merger of a number of **leading companies** in the professional cleaning sector, each specialising in a different market segment.

**A complex Group able to provide integrated global cleaning products.**

Its size and international presence make IPC one of the world's leading groups manufacturing professional machines and equipment, with **a broad portfolio of prestigious products and brands** each with a different target customer and a constant commitment to research and innovation.

IPC places **customer satisfaction** at the centre of its activities, offering its services as the **ideal partner** for all cleaning sector operators.

Research, innovation, product quality and a high standard of service and efficiency are the **fundamental elements in the Group's corporate culture**. Business spirit, a sense of belonging and reference to established best practices are universal values, a common asset centred on the **value of the individual**, the true point of reference for the entire corporate system.

**The Group's logo**, a section of a technological lime, represents the natural link with the idea of cleanliness and a reference to the **constant drive towards research and innovation**. It visually and symbolically identifies IPC characteristic values of a sense of belonging, strength and innovation.

IPC: a universe of "Easy Innovation".

# Credits and contacts

## IPC Portotecnica

Portotecnica, a division of IPC, was set up in 1977 to produce professional high pressure washers, immediately making a name for itself for the excellence of its quality and research into pioneering features. It subsequently expanded its range of machines and skills to satisfy all requirements in the semi-professional, professional and industrial cleaning sectors.

Today all IPC Portotecnica's activities are characterised by the company's ability to cover the entire sector with a diversified range of machines to satisfy the requirements of an ever more demanding market.

Technical experience, meticulous design, efficient before and after sales service and an extensive highly professional distribution network operating in 70 countries provide customers with complete and targeted products.

UNI EN ISO 9001:2000 certification represents formal recognition of the quality and reliability of the IPC Portotecnica organisation and products.

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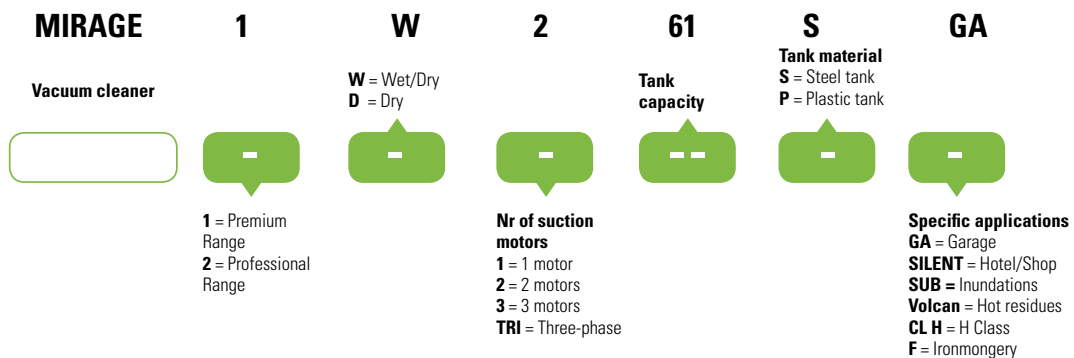


## Vacuum cleaners for special applications

page 30

## Reading guide to IPC Portotecnica vacuum cleaners nomenclature

IPC Portotecnica vacuum cleaners nomenclature allows an easy and fast identification of the main technical characteristics of each model. Followin an example on MIRAGE 1 W 2 61 S GA vacuum cleaner:



# Vacuum Cleaners IPC Portotecnica

## The new range for the professional sector

**IPC Portotecnica presents a new range of professional vacuum cleaners in order to cover always more areas of applications.**

The new range of vacuum cleaners is divided into three lines: "Premium", with stainless steel tank to satisfy the most demanding expert users for most intensive applications; "Professional" with plastic tank to assure reliability, great manoeuvrability; vacuum cleaners for "Special Applications". All lines ensure top level performance, thanks to the following features which make IPC Portotecnica vacuum cleaners the top of the range in the professional sector:



**Sound-absorbent filter.** All suction motors are equipped with a sound-absorbent filter to ensure low noise levels.



**Head gasket made of special material "cast" in the base,** with a special fusion process, guaranteeing maximum resistance and durability, even when vacuuming oily or chemical residues.



**EcoMode function.** Machines with two and three motor are fitted with special valves allowing the suction motors to be used separately without loss of power. The system greatly reduces electricity consumption as the user can choose how many motors to use.



**Head attachment with nylon core,** extremely flexible and resistant.



**Aluminium and plastic hoses** (patented system) for maximum manoeuvrability and lightness for the operator combined with great strength.



**Flexible hoses,** resist all types of stress and torsion for perfect vacuuming at all times



**Sanifilter.** Antibacterial filter to avoid bacterial proliferation.



**Screw coupling for attaching the flexible hose to the handgrip,** which allows to work in maximum safety, avoiding damage and preventing the hose from becoming detached from the handgrip during cleaning.

# Vacuum Cleaners IPC Portotecnica

## Vacuum head assembly

The new IPC Portotecnica range of vacuum and carpet cleaners are equipped with high performance one or two-stage suction motors, easy to remove and service.

All motors have double insulation, By Pass motors have independent ventilation.

## Head assembly 1



1 Sound-absorbent filter. All suction motors are fitted with a sound-absorbent filter made from sound-absorbent polyurethane sponge to guarantee the lowest possible noise levels.



2 The gasket is fused to the head, ensuring a tight seal and preventing leaks.



3 The head gasket is made of special material "cast" in the base using a special fusion process to guarantee maximum resistance and durability, even when vacuuming oily or chemical residues.



### Advantages

- Sound-absorbent filter in special sponge material.
- Gasket fused to the head.
- Components laboratory tested for thousands of hours.

### Benefits

- No maintenance required as the materials assure high resistance.
- Guaranteed low noise levels.
- Long lasting components.



## Head assembly 2



EcoMode function. Two and three motor appliances are fitted with special valves allowing the suction motors to be used separately without loss of power.



Resistant and highly flexible head coupling.



### Advantages

- The stop valves enable the suction motors to be used separately.
- Rapid head attachment with nylon core.
- Components laboratory tested for thousands of hours.

### Benefits

- Great energy savings, according to use.
- Guarantees perfect head closure at all times.
- Components with guaranteed long working life.

# Vacuum Cleaners IPC Portotecnica

## Aluminium-plastic hoses and flexible hose

All the materials used to make IPC Portotecnica vacuum cleaners are produced and assembled in-house using pioneering production techniques able to guarantee maximum reliability and durability

### Aluminium and plastic hoses



All IPC Portotecnica vacuum cleaners have aluminium and plastic hoses (patented system).

### Flexible hose



The suction flexible hose is made from particularly resistant but malleable plastic.



Screw coupling attaching the hose to the handgrip to work in maximum safety, avoiding damage and preventing the hose from becoming detached from the handgrip during cleaning.



#### Advantages

- As well as being extremely resistant, the aluminium and plastic hoses are also light and manoeuvrable.
- The toughness of the hose allows to work in all conditions.
- Components tested and constructed with high quality materials.
- Screw coupling fastening the hose to the handgrip

#### Benefits

- Maximum safety and manoeuvrability during cleaning.
- Maximum productivity guaranteed in all working conditions.
- Components with guaranteed long working life.
- Great advantages for the operator.

# Vacuum Cleaners IPC Portotecnica

## Sanifilter

Created by a group of scientists for the biomedical industry, the FibroFilter treatment is internationally recognised for its antimicrobial action. The Sanifilter, provided as standard in all IPC Portotecnica vacuum cleaners, prevents the proliferation of bacteria, fungi and micro-parasites in the tank. It is free from volatile organic compounds, colourless and odourless.



Fabric treated with the laboratory tested FibroFilter system.



Paper bag available for disposable use.

### Sanifilter treatment

Possibility of inhibiting and eliminating:



Viruses



Bacteria



Fungi: yeasts and moulds



Micro-parasites



### Advantages

- Maximum operator safety during operation.
- Guaranteed long life.
- Ease of maintenance.
- Certified system.

### Benefits

- Avoids the proliferation of bacteria, fungi and micro-parasites in the tank.
- The filter is designed for a long life.
- Easy to clean and wash.
- Guaranteed effective antibacterial treatment.



# Vacuum cleaners and extractors Premium line

The IPC Portotecnica Premium line of wet and dry vacuum cleaners are designed to offer maximum performance in a wide range of applications and for the most demanding users. The high quality construction guarantees great reliability and durability, thanks to the use of high quality materials such as steel tanks and plastic heads and trolleys which resist damage in the case of impact or particularly heavy use.

## MIRAGE 1 W 1 26 S page 12



Sectors	
Automotive	●●●●●○○○
Industry	●●○○○○○○○
Cleaning	●●●●●○○○
Agriculture	●●●○○○○○○
Building	○○○○○○○○○
Daily use	h 0 <span style="float:right">8</span>



## MIRAGE 1 W 1 32 S page 12



Sectors	
Automotive	●●●●●○○○
Industry	●●○○○○○○○
Cleaning	●●●●●○○○
Agriculture	○○○○○○○○○
Building	○○○○○○○○○
Daily use	h 0 <span style="float:right">8</span>



## MIRAGE 1 W 2 61 S GA page 14



Sectors	
Automotive	●●●●●●●●
Industry	○○○○○○○○○
Cleaning	●●○○○○○○○
Agriculture	○○○○○○○○○
Building	●●●●●○○○
Daily use	h 0 <span style="float:right">8</span>



## MIRAGE 1 W 3 61 S GA page 14



Sectors	
Automotive	●●●●●●●●
Industry	○○○○○○○○○
Cleaning	●●○○○○○○○
Agriculture	○○○○○○○○○
Building	●●●●●○○○
Daily use	h 0 <span style="float:right">8</span>



## MIRAGE 1 W 2 76 S page 16



Sectors	
Automotive	●●●●●○○○
Industry	●●●●●●●●
Cleaning	●●●●●●●●
Agriculture	●●●●●●●●
Building	●●●●●●●●
Daily use	h 0 <span style="float:right">8</span>



## MIRAGE 1 W 3 76 S page 16



Sectors	
Automotive	●●●●●○○○
Industry	●●●●●●●●
Cleaning	●●●●●●●●
Agriculture	●●●●●●●●
Building	●●●●●●●●
Daily use	h 0 <span style="float:right">8</span>







## PLUS 1 W 1 22 P page 18



Sectors	
Automotive	●●●○○○○○
Industry	○○○○○○○○○
Cleaning	●●●●●●●●●
Renting	●●●○○○○○
Building	○○○○○○○○○
Daily use	
h 0 <span style="float: right;">8</span>	



## PLUS 1 W 1 32 S page 18



Sectors	
Automotive	●●●○○○○○
Industry	○○○○○○○○○
Cleaning	●●●●●●●●●
Renting	●●●○○○○○
Building	○○○○○○○○○
Daily use	
h 0 <span style="float: right;">8</span>	



## PLUS 1 W 2 60 S GA page 20



Sectors	
Automotive	○○○○○○○○○
Industry	●●●●●●●●●
Cleaning	●●●●●●●●●
Renting	○○○○○○○○○
Building	●●●●●●●●●
Daily use	
h 0 <span style="float: right;">8</span>	



Vacuum cleaners Premium line

# MIRAGE

## 1 W 1 26 S - 1 W 1 32 S



LAFN85073 - HANDGRIP  
Standard accessory

TBFX85412 - FLEXIBLE HOSE (2 m)  
Standard accessory

TBFX28237 - FLEXIBLE HOSE (2.5 m)  
Standard accessory

MPVR43047 - HANDGRIP  
Standard accessory

WET/  
DRY

LAFN28238 - HOSES (NO. 2)  
Standard accessory

LAFN43048 - HOSES (NO. 2)  
Standard accessory

SPPV28244 - DOUBLE USE BRUSH  
Standard accessory

SPPV43050 - LONG BRUSH FOR DUST  
Standard accessory

### MIRAGE 1 W 1 26 S - Accessories 36 mm diameter



Suction brush  
Code SPPV28245

Narrow brush  
Code SPPV28243

Upholstery nozzle  
Code MPVR00141

Flat cleaning head  
Code SPPV28242

Sanifilter  
Code FTDP86807

### MIRAGE 1 W 1 32 S - Accessories 38 mm diameter



Upholstery nozzle  
Code SPPV00156

Narrow brush  
Code SPPV43052

Adapter  
Code MPVR43049

Suction brush  
Code SPPV43051

Sanifilter  
Code FTDP86807

## MIRAGE 1 W 1 26 S - MIRAGE 1 W 1 32 S



Head with anti foam system.



Robust steel tank.



Recyclable shockproof polypropylene plastic.



Head with cable hook.



Trolley with large rear wheels for more precise steering (model 1 W 1 32 S).

### Technical characteristics

- Suitable for wet and dry vacuuming
- With two-stage motor
- Suitable for all uses
- Trolley for small surfaces
- Can be fitted with disposable paper filter
- Motors with double insulation



With rear accessories trolley (model 1 W 1 32 S).

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040028	MIRAGE 1 W 1 26 S	Dry/Wet	1200	220-240	2470	210	26	39x39x72
ASD040029	MIRAGE 1 W 1 32 S	Dry/Wet	1200	220-240	2470	210	32	43x43x83

Power cable length: 8.5 m

### Recommended optional accessories



Paper filter  
Code FTDP28861 ▲  
- FTDO72226 ■



Precleaner PCB ■  
Code FTDP00222



Carpet brush ■  
Code SPPV01336



Flexible suction hose (5 m) ■  
Code TBFX28357



Flex coupling ▲  
Code MPVR00090



# MIRAGE

## 1 W 2 61 S GA - 1 W 3 61 S GA



**AUTOMOTIVE**



TBFX28237 - FLEXIBLE HOSE (2.5 m)  
Standard accessory

SPPV00156 - FLAT CLEANING HEAD  
Standard accessory

**WET/ DRY**

TBFX28237- FLEXIBLE HOSE (2.5 m)  
Standard accessory



SPPV00156 - FLAT CLEANING HEAD  
Standard accessory

**MIRAGE 1 W 2 61 S GA / MIRAGE 1 W 3 61 S GA - Accessories 38 mm diameter**



Adapter  
Code MPVR28241

Upholstery nozzle  
Code MPVR00141

Narrow brush  
Code SPPV28243

Sanifilter  
Code FTDP28733

## MIRAGE 1 W 2 61 S GA - MIRAGE 1 W 3 61 S GA



Fitted with anti foam system with float switch.



Fitted with steel tank with side handles to facilitate emptying.



Recyclable shockproof polypropylene plastic.



Head with cable hook.



Trolley with large wheels with tyres for greater manoeuvrability.

### Technical characteristics

- Suitable for wet and dry vacuuming
- MIRAGE 1 W 2 61 S GA with two two-stage By Pass motors
- MIRAGE 1 W 3 61 S GA with three two-stage By Pass motors
- Easy-to-use
- Particularly suitable for automotive sector
- Can be fitted with disposable paper filter
- Motors with double insulation

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASDO40030	MIRAGE 1 W 2 61 S GA	Dry/Wet	2400	220-240	2470	420	61	52x52x96
ASDO40031	MIRAGE 1 W 3 61 S GA	Dry/Wet	3300	220-240	2470	630	61	52x52x96

Power cable length: 8.5 m

### Recommended optional accessories



Paper filter  
Code FTDP28862



Cartridge filter  
Code FTDP28620



Stop filter disc  
Code MPVR28723



Precleaner PCB  
Code FTDP00223



Carpet brush  
Code SPPV01336



Long brush for dust  
Code SPPV43050



Suction liquid brush  
Code SPPV43051



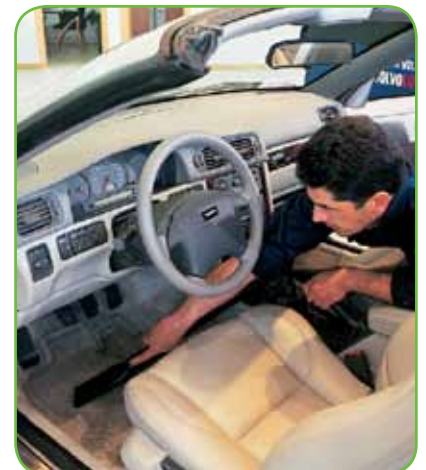
Hoses (no. 2)  
Code LAFN43048



Handgrip  
Code MPVR43047



Flexible suction hose (5 m)  
Code TBFX28357





# MIRAGE

## 1W276S - 1W376S



MPVR43047 - HANDGRIP  
Standard accessory

TBFX28237 - FLEXIBLE HOSE (2.5 m)  
Standard accessory



LAFN43048 - HOSES  
(NO. 2)  
Standard accessory

MPVR43047 - HANDGRIP  
Standard accessory

TBFX28237 - FLEXIBLE  
HOSE (2.5 m)  
Standard accessory



LAFN43048 -  
Standard accessory

SPPV43050 - LONG BRUSH FOR DUST  
Standard accessory



SPPV43050 - LONG BRUSH FOR DUST  
Standard accessory

### MIRAGE 1 W 2 76 S / MIRAGE 1 W 3 76 S - Accessories 38 mm diameter



Liquid suction brush  
Code SPPV43051



Flat cleaning head  
Code SPPV00156



Adapter  
Code MPVR43049



Narrow brush  
Code SPPV43052



Sanifilter  
Code FTDP85449

## MIRAGE 1 W 2 76 S - MIRAGE 1 W 3 76 S



Easy user-friendly release system to turn over the tank.



Reinforced steel tank with three handles to facilitate emptying.



Head with anti foam system.



Trolley with swing tank to facilitate emptying.



Recyclable shockproof polypropylene plastic.

### Technical characteristics

- Wet and dry vacuum cleaners of high performance
- Large capacity steel swing tank (76 l)
- Particularly suitable for the most intensive uses
- Motors with double insulation



Market type trolley with large rear wheels for easy manoeuvring.

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASDO40032	MIRAGE 1 W 2 76 S	Dry/Wet	2400	220-240	2470	420	76	59x103x65
ASDO40033	MIRAGE 1 W 3 76 S	Dry/Wet	3300	220-240	2470	630	76	59x103x65

Power cable length: 8.5 m

### Recommended optional accessories



Paper filter  
Code FTDP28862



Cartridge filter  
Code FTDP28620



Stop filter disc  
Code MPVR28723



Precleaner PCB  
Code FTDP00223



Flexible suction hose (5 m)  
Code TBFX28357



Carpet brush  
Code SPPV01336



Fixed accessory for dust  
Codice SPPV28247  
Fixed accessory for liquid  
Codice SPPV28248



Fixed accessory for dust/liquid  
Codice SPPV30894



# PLUS

## 1W122P - 1W132S



MPVR85445 - FLEX HOSE CLIPS (NR. 4)  
Standard accessory

TBFX40309 - FLEXIBLE HOSE (2 m)  
Standard accessory

SPPV85446 - NOZZLE FOR FLOOR AND CARPET  
Standard accessory

SPPV28252 - NOZZLE FOR FLOOR AND CARPET  
Standard accessory

TBFX28253 - FLEXIBLE HOSE (2 m)  
Standard accessory

### PLUS 1 W 1 22 P / PLUS 1 W 1 32 S - Accessories 36 mm diameter



Double use brush ▲  
Code SPPV28430



Narrow brush ▲  
Code SPPV28243



Upholstery nozzle ▲  
Code MPVR00141



Sanifilter ▲  
Code KTRI86511



Flat cleaning head ▲  
Code SPPV28242



Clean water bucket ▲  
Code MPVR42001

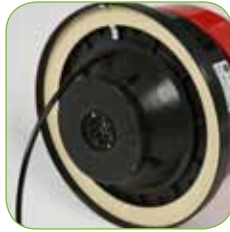


Suction head for sofas ▲  
Code SPPV40311 ▲  
- SPPV28251 ■





Particularly suitable for cleaning fabrics and carpet.



Head with anti foam system.



Extractable plastic detergent tank for rapid filling and easy cleaning.



Recyclable shockproof polypropylene plastic.



Head with cable hook.

## Technical characteristics

- Professional extractors for small and medium cleaning operations
- Solution injection and extraction
- Vacuum head with two-stage motor and electromagnetic self-priming double-membrane injection pump
- Waterproof self-ventilating motor



Trolley with four swivelling wheels for easy manoeuvring.

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040034	PLUS 1 W 1 22 P	Dry/Wet	1200	230	2470	210	22	52x43x59
ASD040035	PLUS 1 W 1 32 S	Wet	1200	230	2470	210	32	52x43x80

Power cable length: 8.5 m



Double use brush  
Code SPPV28430



Narrow brush  
Code SPPV28243



Upholstery nozzle  
Code MPVR00141



Flat cleaning head  
Code SPPV28242



Sanifilter  
Code KTRI86511



Extractors Premium line

# PLUS

## 1 W 2 60 S GA



**AUTOMOTIVE**



TBFX28782 - FLEXIBLE HOSE  
(2.5 m)  
Standard accessory

SPPV28251 - SUCTION HEAD FOR  
SOFAS  
Standard accessory

**PLUS 1 W 2 60 S GA - Accessories 38 mm diameter**



Detergent injection and extraction. Particularly suitable for cleaning car interiors.



The machine is equipped with external tank for clean water filling.



Built-in drain hose as standard for easy tank emptying.



Head with anti foam system.



AISI 304 stainless steel tank.

## Technical characteristics

- Two motors with double insulation
- Motors can be used separately
- 90 W membrane By Pass injection pump for the most intensive working operations
- Professional two-motor extractor for the most intensive washing and drying of all surfaces, except wood.



Recyclable shockproof polypropylene plastic.

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040036	PLUS 1 W 2 60 S GA	Dry/Wet	2400	220-240	2470	420	60	74x58x93

Power cable length: 8.5 m

## Recommended optional accessories



Nozzle for floor and carpet 2 nozzles  
Code SPPV28781



Floor nozzle with 1 nozzle  
Code MPVR06271



Floor nozzle with 4 nozzles  
Code MPVR06272



# Vacuum cleaners Professional line

The IPC Portotecnica Professional line of wet and dry vacuum cleaners are designed to offer high performance and a long working life, even for less tough uses, to offer a complete range for all applications. The high-quality tough plastics, latest generation one-stage suction motor and complete range of accessories make these machines an indispensable professional tool.





## MIRAGE 2 D 1 16 P page 24



Sectors	
Automotive	○ ○ ○ ○ ○ ○ ○ ○
Industry	○ ○ ○ ○ ○ ○ ○ ○
Cleaning	● ● ● ● ○ ○ ○ ○
Agriculture	○ ○ ○ ○ ○ ○ ○ ○
Ironmongery	● ● ● ● ● ● ● ●
Daily use	
h 0 <span style="float: right;">8</span>	



## MIRAGE 2 W 1 17 P page 26



Sectors	
Automotive	● ● ● ● ○ ○ ○ ○
Industry	○ ○ ○ ○ ○ ○ ○ ○
Cleaning	● ● ● ● ● ● ● ●
Agriculture	● ● ○ ○ ○ ○ ○ ○
Ironmongery	● ● ● ● ● ● ● ●
Daily use	
h 0 <span style="float: right;">8</span>	



## MIRAGE 2 W 1 27 P page 26



Sectors	
Automotive	● ● ● ● ○ ○ ○ ○
Industry	● ● ● ● ○ ○ ○ ○
Cleaning	● ● ● ● ● ● ● ●
Agriculture	● ● ● ● ○ ○ ○ ○
Ironmongery	● ● ● ● ● ● ● ●
Daily use	
h 0 <span style="float: right;">8</span>	



## MIRAGE 2 W 1 62 P page 28



Sectors	
Automotive	● ● ● ● ● ● ● ●
Industry	● ● ● ● ○ ○ ○ ○
Cleaning	● ● ● ● ○ ○ ○ ○
Agriculture	● ● ● ● ○ ○ ○ ○
Ironmongery	● ● ● ● ● ● ● ●
Daily use	
h 0 <span style="float: right;">8</span>	



## MIRAGE 2 W 2 62 P page 30



Sectors	
Automotive	● ● ● ● ● ● ● ●
Industry	● ● ● ● ○ ○ ○ ○
Cleaning	● ● ● ● ○ ○ ○ ○
Agriculture	● ● ● ● ○ ○ ○ ○
Ironmongery	● ● ● ● ● ● ● ●
Daily use	
h 0 <span style="float: right;">8</span>	



## MIRAGE 2 W 3 62 P page 30



Sectors	
Automotive	● ● ● ● ● ● ● ●
Industry	● ● ● ● ○ ○ ○ ○
Cleaning	● ● ● ● ○ ○ ○ ○
Agriculture	● ● ● ● ○ ○ ○ ○
Ironmongery	● ● ● ● ● ● ● ●
Daily use	
h 0 <span style="float: right;">8</span>	



# MIRAGE

## 2 D 1 16 P



LAFN85073 - HANDGRIP  
Standard accessory

LAFN28238 - HOSES (NO. 2)  
Standard accessory

SPPV28244 - DOUBLE USE BRUSH  
Standard accessory

DRY

TBFX85412 - FLEXIBLE  
HOSE (2 m)  
Standard accessory

### MIRAGE 2 D 1 16 P - Accessories 36 mm diameter



Flat cleaning head  
Code SPPV28242



Upholstery nozzle  
Code MPVR00141



Narrow brush  
Code SPPV28243



Sanifilter  
Code FTDP00226





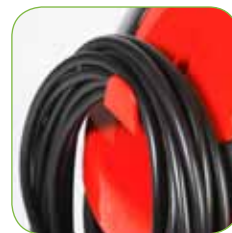
Shockproof polypropylene tank, resistant to wear and easy to clean.



Completely recyclable high resistance polypropylene plastics.



Handy carrying handle.



Head with cable hook.



Equipped with four swivelling wheels for easy manoeuvring.

## Technical characteristics

- Suitable for dry vacuuming
- Small, easy to use without trolley
- Extremely silent
- Can be fitted with disposable paper filter

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040037	MIRAGE 2 D 1 16 P	Dry	1300	230	2970	208	16	39x39x63

Power cable length: 8.5 m

## Recommended optional accessories



Paper filter  
Code FTDP33284



# MIRAGE

## 2W117P - 2W127P



**WET/  
DRY**



**MIRAGE 2 W 1 17 P / MIRAGE 2 W 1 27 P - Accessories 36 mm diameter**



Flat cleaning head  
Code SPPV28242

Upholstery nozzle  
Code MPVR00141

Narrow brush  
Code SPPV28243

Double use brush  
Code SPPV28244

Sanifilter  
Code KTRI02133



## MIRAGE 2 W 1 17 P - MIRAGE 2 W 1 27 P



Head with anti foam system.



Shockproof polypropylene tank, resistant to wear and easy to clean.



Completely recyclable high resistance polypropylene plastics.



Handy carrying handle.



Trolley with four swivelling wheels for easy manoeuvring.

### Technical characteristics

- Suitable for vacuuming dust and moderately corrosive liquids
- Equipped with high speed single-stage motor
- Small with capacity of 17 litres (model 2 W 1 17 P) and 27 litres (model 2 W 1 27 P)
- Can be fitted with disposable paper filter
- Extremely versatile and easy-to-use

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
▲ ASD040038	MIRAGE 2 W 1 17 P	Dry/Wet	1500	230	2230	255	17	39x39x63
■ ASD040039	MIRAGE 2 W 1 27 P	Dry/Wet	1500	230	2230	255	27	39x39x72

Power cable length: 8.5 m

### Recommended optional accessories



Paper filter  
Code FTDP28861 ▲  
- FTDP72226 ■



Vacuum cleaners Professional line

# MIRAGE

## 2W162P



**GREAT CAPACITY TANK**

MPVR43047 - HANDGRIP  
Standard accessory

**WET/  
DRY**

LAFN43048 - HOSES (NO. 2)  
Standard accessory

TBFX28237- FLEXIBLE HOSE  
(2.5 m)  
Standard accessory



SPPV43050 - LONG BRUSH FOR DUST  
Standard accessory

### MIRAGE 2 W 1 62 P - Accessories 38 mm diameter



Liquid suction brush  
Code SPPV43051



Flat cleaning head  
Code SPPV00156



Adapter  
Code MPVR43049



Narrow brush  
Code SPPV43052



Sanifilter  
Code FTDP28733



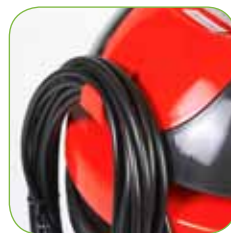
Head with anti foam system.



Completely recyclable high resistance polypropylene plastics.



Tank with side handles.



Head with cable hook.



Large diameter swivelling wheels to facilitate movement.

## Technical characteristics

- Suitable for wet and dry vacuuming
- Equipped with a one-stage By Pass suction motor
- Top performance, suitable for even the most intensive uses
- Excellent power for working operations that need a long running time

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040040	MIRAGE 2 W 1 62 P	Dry/Wet	1500	230	2180	205	62	52x52x96

Power cable length: 8.5 m

## Recommended optional accessories



Paper filter  
Code FTDP28862



# MIRAGE

## 2W262P - 2W362P



### MIRAGE 2 W 2 62 P / MIRAGE 2 W 3 62 P - Accessories 38 mm diameter



Liquid suction brush  
Code SPPV43051



Flat cleaning head  
Code SPPV00156



Adapter  
Code MPVR43049



Narrow brush  
Code SPPV43052



Sanifilter  
Code FTDP28733

## MIRAGE 2 W 2 62 P - MIRAGE 2 W 3 62 P



Head with anti foam system.



Built-in drain hose as standard for easy tank emptying (model 2 W 3 62 P).



Equipped with market type trolley with two large rear wheels for easy manoeuvring.



Completely recyclable high resistance polypropylene plastics.



Trolley with market type handle for easy manoeuvring.

### Technical characteristics

- Suitable for wet and dry vacuuming
- Equipped with two one-stage By Pass suction motors
- Top performance
- Suitable for the most intensive uses
- Excellent power for especially demanding working operations



Trolley with four swivelling wheels for easy manoeuvring.

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040041	MIRAGE 2 W 2 62 P	Dry/Wet	2800	230	2230	510	62	74x58x93
ASD040042	MIRAGE 2 W 3 62 P	Dry/Wet	3500	230	2230	765	62	74x58x93

Power cable length: 8.5 m

### Recommended optional accessories



Paper filter  
Code FTDP28862



# Vacuum cleaners for Special Applications

The IPC Portotecnica range of vacuum cleaners also includes a range of specific professional cleaners for special applications requiring specifically designed products to clean environments where the working conditions are particularly difficult or intensive .







## SP D 1 16 P SILENT page 34



### Special applications

- ✓ Very low noise levels
- ✓ Perfect for cleaning hotels, shops and offices

### Daily use

h 0 8



HOTEL AND SHOPS

## SP W 2 62 P SUB page 36



### Special applications

- ✓ Equipped with submerged pump to allow the tank to be emptied during vacuuming operations
- ✓ Pump can be removed in order to make it a traditional vacuum cleaner

### Daily use

h 0 8



FLOODS AND EMPTYING LIQUIDS

## SP D 1 41 S VOLCAN page 38



### Special applications

- ✓ Cleaning ovens and hot residues up to a temperature of 120° (no ash)
- ✓ Equipped with hose resistant to high temperatures

### Daily use

h 0 8



DUST AND HOT RESIDUES UP TO 120° C

## SP D 2 62 S CL H page 40



### Special applications

- ✓ H certificate
- ✓ Suitable for vacuuming carcinogenic or pathogenic dust, such as asbestos dust

### Daily use

h 0 8



TOXIC-HAZARDOUS SUBSTANCES

## SP D TRI 60 S GA page 42



### Special applications

- ✓ Vacuum cleaner particularly suitable for the industrial and carwash sectors
- ✓ Long running time
- ✓ Three-phase

### Daily use

h 0 8



AUTOMOTIVE

Vacuum cleaners for special applications

# SP D 1 16 P SILENT



**HOTELS AND SHOPS**

MPVR06278 - HANDGRIP  
Standard accessory

**DRY**

TBBP00509 - HOSES  
(NO. 2)  
Standard accessory

### Special Applications

- ✓ Very low noise levels
- ✓ Perfect for cleaning hotels, shops and offices

TPPB00510 - FLEXIBLE HOSE (2 m)  
Standard accessory

SPPV01337 - DOUBLE USE BRUSH  
Standard accessory

### SP D 1 16 P SILENT - Accessories 36 mm diameter



Upholstery nozzle  
Code MPVR06276



Narrow brush  
Code MPVR06275



Flat cleaning head  
Code MPVR06277



Accessories holder  
Code MPVR06279





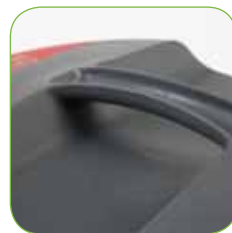
Useful standard accessories holder (code MPVR06279).



Easy to wind power cable (8.5 m).



No-noise tyres on wheels.



Completely recyclable high resistance polypropylene plastics.



Equipped with cartridge filter and paper filter.

## Technical characteristics

- Low noise and high performance
- Particularly suitable for hotels requiring maximum manoeuvrability, no noise and a compact size



Protected waterproof rubber ON button.

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040043	SP D 1 16 P SILENT	Dry	1300	220-240	2870	210	12.5	44x40x51

Power cable length: 8.5 m

## Recommended optional accessories



Telescopic steel hose  
Code MPVR06274



Paper filter  
Code FTDP00225



# SP W 2 62 P SUB



**FLOODS AND  
EMPTYING LIQUIDS**

MPVR43047 -  
HANDGRIP  
Standard accessory

LAFN43048 - HOSES  
(NO. 2)  
Standard accessory



SPPV43051 - LIQUID SUCTION BRUSH  
Standard accessory

## Special Applications

- ✓ Equipped with submerged pump to empty tank during wet vacuuming
- ✓ Pump can be removed in order to make the SP W 2 62 P SUB a traditional vacuum cleaner

TBFX28237 - FLEXIBLE HOSE (2.5 m)  
Standard accessory

**SP W 2 62 P SUB - Accessories 38 mm diameter**



Submerged pump to allow the tank to be emptied during vacuuming operations.



Ultra-shockproof plastic "Compact" tank, with high resistance to slightly acid substances.



Market type handle for easier manoeuvring.



Head with cable hook.



Concealed power cable.



Large rear wheel for easy manoeuvring.

## Technical characteristics

- Wet vacuum cleaner with two two-stage motors
- Equipped with extremely resistant plastic tank to vacuum slightly acid liquids
- Submerged pump with float for start up and shut off placed inside the liquid collection tank. Once vacuuming has begun, the tank fills with liquid and the submerged pump automatically drains it into the external sump pit
- Pump also suitable for water with a high specific weight, but not for draining oily substances.
- Suitable for emptying sumps, flooded areas and for vacuuming dirty liquids

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040044	SP W 2 62 P SUB	Dry/Wet	2400	230	2470	420	62	52x63x95

Power cable length: 8.5 m



Vacuum cleaners for special applications

# SP D 1 41 S VOLCAN



**DUST AND HOT  
RESIDUES UP TO 120° C**

KTRI85595 - ALUMINIUM  
OVEN KIT (3 m)  
Standard accessory

TBFX72241 - HOSE FOR  
OVEN  
Standard accessory

## Special Applications

- ✓ Cleaning ovens and hot residues up to a temperature of 120° (no ash)
- ✓ Equipped with hose resistant to high temperatures

SPPV72242 - OVEN BRUSH  
Standard accessory

**SP D 1 41 S VOLCAN - Accessories 38 mm diameter**



Heat-resistant filter  
Code FTDPO0227



Head with self-extinguishing plastic base.



Special heat resistant filter in meta-aramid fabric resistant to high temperatures.



Equipped with aluminium union to guarantee conductivity and discharge of static electricity.



Antistatic 60/40 hose with aluminium sleeve resistant to high temperatures.



Equipped with four swivelling wheels for easy manoeuvring.

## Technical characteristics

- Two-stage industrial motor with metal flange
- Designed for vacuuming hot residues from heaters, boiler flues, ovens, etc. up to a maximum temperature of 120°C
- Metal tank for discharging static electricity to earth (with special electrically conducting kit) and heatproof filter.
- Filters and hoses resistant to high temperatures

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040045	SP D 1 41 S VOLCAN	Dry	1600	220-240	2795	210	41	39x39x90

Power cable length: 8.5 m



## Vacuum cleaners for special applications

# SP D 2 62 S CL H



**TOXIC-HAZARDOUS  
SUBSTANCES**

**DRY**

MPVR43047 -  
HANDGRIP  
Standard accessory

LAFN43048 -  
HOSES (NO. 2)  
Standard accessory

TBFX28237 - FLEXIBLE HOSE (2.5 m)  
Standard accessory

SPPV43050 - LONG BRUSH FOR DUST  
Standard accessory

### Special Applications

- ✓ H certificate
- ✓ Suitable for vacuuming carcinogenic or pathogenic dust, such as asbestos dust

### SP D 2 62 S CL H - Accessories 38 mm diameter



Flat cleaning head  
Code SPPV00156



Narrow brush  
Code SPPV43052



Adapter  
Code MPVR43049





Equipped with standard HEPA cartridge fixed to the head with a special metal clip.



Two-ply paper bag with closure to avoid dispersion of the dust during emptying.



Filter with full bag light.



Head with cable hook.



Trolley with large-diameter swivelling wheels with tyres for easy manoeuvring.

## Technical characteristics

- Two two-stage motors
- Designed specifically to vacuum toxic and hazardous substances
- TUV certificate
- Guarantees reduction of the particles which, with a normal vacuum cleaner, would be dispersed in the environment with consequent damage to the health
- Use category H (high risk) to separate all dust with all exposure limit values according to the volume occupied, including carcinogenic and pathogenic dust
- The disposable two-ply paper bag must always be fitted in the tank. This acts as a rough filter to avoid the cartridge filter under the head from clogging rapidly with dust

Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASD040046	SP D 2 62 S CL H	Dry	2400	220-240	2495	430	62	52x52x96

Power cable length: 8.5 m



**H (high risk)** to separate all dust with all exposure limit values according to the volume occupied, including carcinogenic and pathogenic dust.



Vacuum cleaners for special applications

# SP D TRI 60 S GA



5000 HRS  
TURBINE  
WORKING LIFE

**AUTOMOTIVE**

## Special Applications

- ✓ Vacuum cleaner particularly suitable for the industrial and carwash sectors
- ✓ Long running time
- ✓ Three-phase

TBFX37775 - FLEXIBLE HOSE  
(4.5 m)  
Standard accessory



SPPV00156 - FLAT CLEANING HEAD (NO. 2)  
Standard accessory

**SP D TRI 60 S GA - Accessories 38 mm diameter**



Narrow brush  
Code SPPV43052



Polyester filter  
Code FTDP87772



Equipped with standard cartridge fixed to the head.



Large rear wheels for easy movement.



Robust steel tank.



Equipped with silencer.



Equipped with handle for easy manoeuvring.

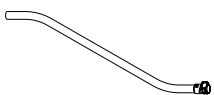
## Technical characteristics

- With three-stage three-phase turbine for continuous use
- Easy to manoeuvre in small spaces
- Suitable for cleaning cars or in combination with machine tools requiring continuous aspiration of the dust produced when working metals or plastic

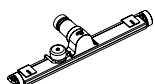
Code	Model	Applications	Power (W)	Voltage (Volt)	Waterlift (mm/H <sub>2</sub> O)	Air flow (m <sup>3</sup> /h)	Tank capacity (l)	Dimensions (LxWxH) (cm)
ASID40001	SP D TRI 60 S GA	Dry	3000	380	2630	350	60	115x62.5x101

Power cable length: 8.5 m

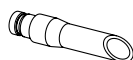
## Recommended optional accessories



Aluminium double curve  
Code LAFN49581



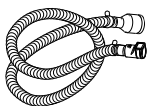
Brush with bristles  
Code SPPV01183



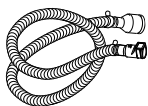
Rubber crevice tool  
Code SPPV49597



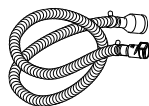
Antistatic anti-abrasion  
rubber hose (3 m)  
Code TBFX49517



Antistatic heat-resistant  
rubber hose (3 m)  
Code TBFX49515



Antistatic rubber hose for  
foodstuffs (3 m)  
Code TBFX49513



Antistatic hose in PU for  
foodstuffs (3 m)  
Code TBFX49521









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