



METALWORKING INDUSTRIES



IPC is an **experienced partner** which provides a complete range of vacuum cleaners for heavy duty cleaning in different business sectors such as:

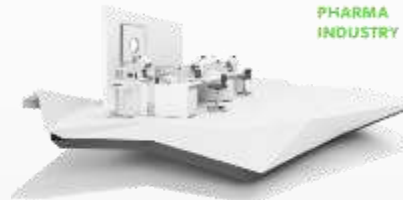
- **Cleanroom**



- **Healthcare**



- **Pharmaceutical**



- **Construction**



- **Automotive**



- **Industry**



If we have not yet a solution for your needs, you can however ask us. New solutions often arise from customers demands.



INDUSTRY

METALWORKING INDUSTRY



METALWORKING INDUSTRY



Metalworking companies are widespread in the Industry.

One of the biggest trouble of these companies is **to keep the production machinery and working environments always clean, efficient and safe.**

EXAMPLES OF MACHINERY	EXAMPLE OF POWDERS AND WASTE
<ul style="list-style-type: none">▪ Small polishing benches	<ul style="list-style-type: none">▪ Fine metal powder
<ul style="list-style-type: none">▪ Grinders and sanders	<ul style="list-style-type: none">▪ Mixtures of powders and paints
<ul style="list-style-type: none">▪ Drills and industrial cutters	<ul style="list-style-type: none">▪ Metal shavings and oil
<ul style="list-style-type: none">▪ Lathes and planers	<ul style="list-style-type: none">▪ Metal swarves



METALWORKING INDUSTRY

ADVANTAGES TO CHOOSE THE RIGHT VACUUM CLEANERS

Powder and the waste materials produced by production machinery must be regularly recovered **with a specific vacuum cleaner** that allows to:

- **Reduce downtime and ensure the functioning of machinery**
- **Improve the quality of production**
- **Ensure the safety and health of the workplace**
- **Increase production efficiency**





AN OVERVIEW OF OUR PRODUCT PORTFOLIO FOR METALWORKING INDUSTRIES

PLANET 022

FOR CRAFT WORK BENCH



PS 1/41 M TC PS 2/62 M TCPN

FOR CUTTING, POLISHING AND GRINDING OF METAL SURFACES



GC 3/90 ECOMET

FOR GENERAL AND INTENSIVE INDUSTRIAL CLEANING



GS 3/78 OIL

FOR SMALL METALWORKING INDUSTRIES



G3 BARREL VAC

FOR INDUSTRY WITH LARGE QUANTITIES OF RECOVERY



PLANET OIL SINGLE PHASE

FOR MEDIUM METALWORKING INDUSTRIES



PLANET OIL 3-PHASE

FOR LARGE METALWORKING INDUSTRIES





PLANET 022

Workbench solution to vacuum dust

Small size and base without wheels make this vacuum ideal for installation in fixed work stations where dust and small shavings are produced.

It can also work with a **suction arm** (code:PVVR00175) to extract fumes and dust from soldering, grinding, gluing, screen printing and laboratories.

- Robust and easy to move
- Still retains its position
- Can be angled more than 110 in all directions



TECHNICAL SPECS

Code	Usage	Turbine	Power Max	Voltage	Water lift	Air flow	Tank capacity	Inlet
ASID00335	DRY	n. 1 Turbine	2200 Watt	400 Volt	2100 mmH2O	320 m3/h	33 lt	60 mm

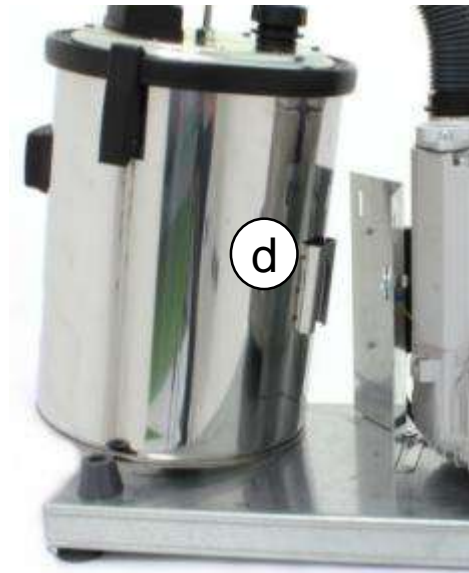
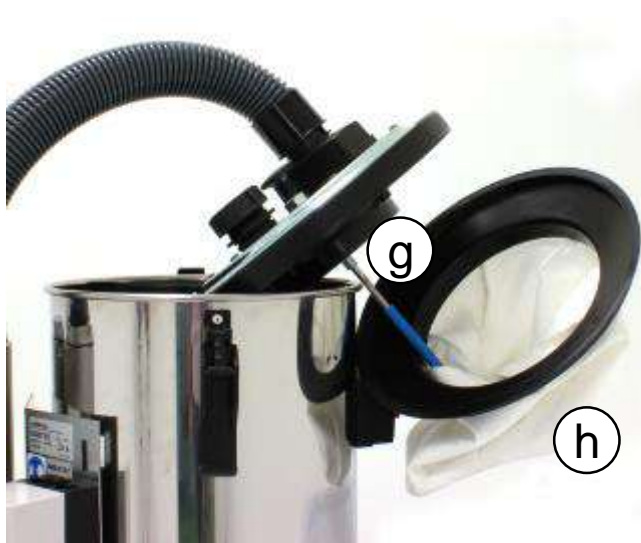
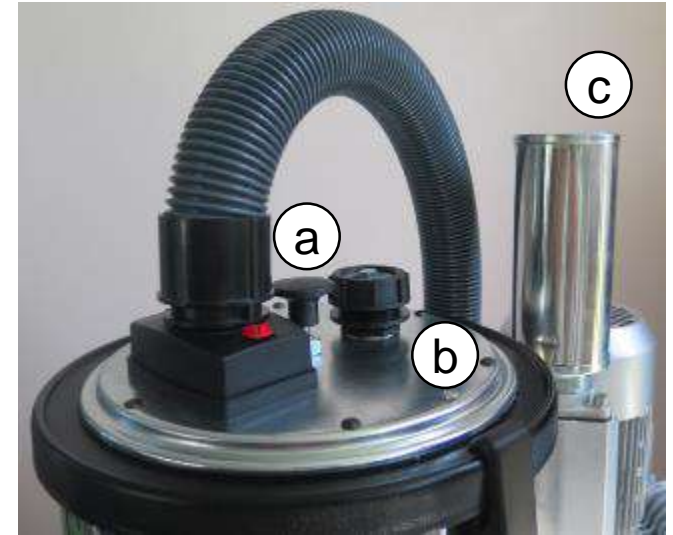
Other available configurations:

- 850 Watt (PLANET 08 – Code ASID00333)
- 1500 Watt (PLANET 015 – Code ASID00334)



TECHNICAL FEATURES

- a) Manual filter shaker (exterior)
- b) Vacuum relief valve
- c) Muffler
- d) Quick release
- e) Turbine
- f) Rubber feet
- g) Manual filter shaker (interior)
- h) Polyester filter 2860 cm²





PS 1/41 M TC – PS 2/62 M TCPN

Solutions to vacuum dust during work with tools

Multi-purpose vacuum cleaner designed for working together with electrical or pneumatic tools. It features high suction power and filter efficiency, tool remote control, warning light for speed control and tool holder plate.



1/41
M TC



2/62
M TCPN



TELECONTROL Remote Control

- **TC** = it is possible to connect **electric tools**.
- **PN** = it is possible to connect **pneumatic tools**.
- **TCPN** = it is possible to connect **electric and pneumatic tools**.



Class M (Medium Risk)
- EN/IEC 60335-2-69

TECHNICAL SPECS

Code	Usage	Motor	Power Max	Voltage	Water lift	Air flow	Tank capacity	Inlet
ASDO15104	DRY	n. 1 two stages	1200 Watt	220-240 Volt	2500 mmH2O	215 m3/h	41 lt	60 mm
ASDO15105	DRY	n. 2 two stages	2400 Watt	220-240 Volt	2500 mmH2O	430 m3/h	62 lt	60 mm

PS 1/41 M TC

PS 2/62 M TCPN



TELECONTROL REMOTE CONTROL

With **Remote Control** feature, when tool is plugged into the socket, **the vacuum will start when the tool is started.**

Automatically shuts off when tool trigger is released.

The integrated additional socket accepts most **power tools (TC)** up to 2600 Watt and/or **air operated tools** up to 7 bar (**PN**).

- **EFFICIENT** - Connecting the tool with the machine you can catch the dust and work more precisely and faster having a clear view of the work surface.
- **TIME SAVING** - You do not have to clean after work avoiding dirty on other surfaces.
- **SAFE** - You protect your health because dangerous and fine dust is immediately extracted.

TELECONTROL – Remote Control:

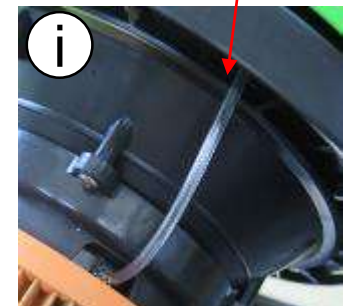
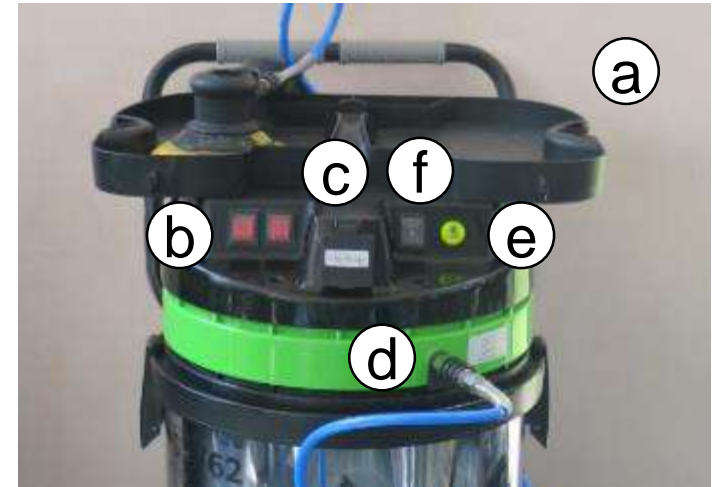
Socket/nozzle with auto start/stop for electric/pneumatic tools





TECHNICAL FEATURES

- a) Tray for tools
- b) Light switches
- c) Socket for power tools
- d) Nozzle for air-operated tools
- e) Warning light for filter clogging
- f) Double switch:
 - for use as normal vacuum cleaner
 - for use with remote control
- g) Microfiber bag (FTDP00462 for PS 1/41 – FTDP00608 for PS 2/62)
- h) Cartridge (code FTDP00322)
 - Material: paper
 - Porosity 7 micron
 - Filtering surface 10.500 cm²
- i) Internal device for warning light operation





STANDARD EQUIPMENT



Conductive Flexible hose 4 mt



- Conductive Flexible hose 4 mt
- Elastoran hose 4,5 mt + clips



Plastic tube 2x50cm



Plastic wand with a/r



Dust brush



Flat lance



Round brush



Tool adapter

TOOL KIT FOR TC MODEL Ø36-60 mm



Code: PMDT01000

TOOL KIT FOR TCPN MODEL Ø36-60 mm



Code: PMDT01001



GC 3/90 ECOMET (ex Ecomet)

Resistant solution to vacuum different kinds of production waste

Wet and dry vacuum cleaner featuring three two-stage motors and equipped with a large capacity polyethylene tank with tipping trolley for easily emptying the tank.

- Between the two tanks a partition wall is provided, for easily stopping the acid fumes (small concentration), the emulsion oil particles and the dust.

- Standard Equipment:**
Flexible hose 2,5 mt Ø 38 mm



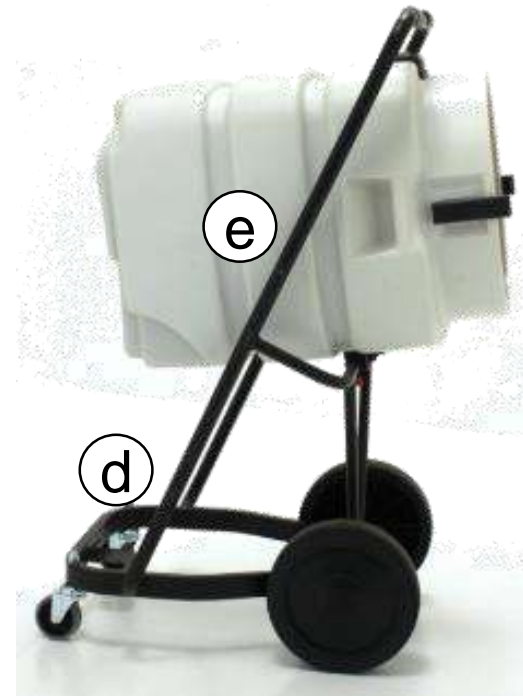
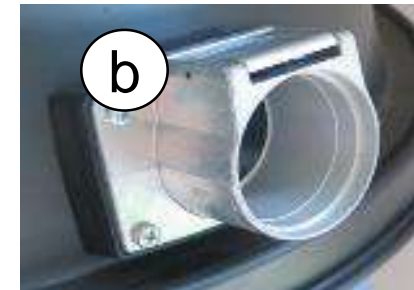
TECHNICAL SPECS

Code	Usage	Motor	Power Max	Voltage	Water lift	Air flow	Tank capacity	Inlet
ASDO015220	W/D	n. 3 two stages	3500 Watt	220-240 Volt	2500 mmH2O	645 m3/h	90 lt	60 mm



TECHNICAL FEATURES

- a) Light switches
- b) Central Aluminium inlet
- c) Decanter Tank
- d) Tipping trolley
- e) 90 lt polyethylene tank: Shockproof tank, with high resistance to slightly acid substances.
- f) Mesh filter
- g) Washable cartridge (code: FTDP44260)
 - Material: polyester M43
 - Porosity: 1 micron
 - Filtering surface: 3.000 cm²





GS 3/78 OIL

Multipurpose solution designed to separate oil from shavings

Wet and dry vacuum cleaner featuring three two-stage motors and equipped with a large capacity stainless steel tank with tipping trolley for easily emptying the tank.

- Equipped with a **bucket sieve** to separate oil from shavings.



- **System W** for **simultaneous** DRY AND WET&DRY PICK UP.



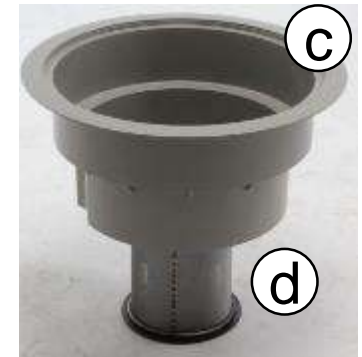
TECHNICAL SPECS

Code	Usage	Motor	Power Max	Voltage	Water lift	Air flow	Tank capacity	Inlet
ASDO015122	W/D	n. 3 two stages	3500 Watt	220-240 Volt	2500 mmH2O	645 m3/h	78 lt	60 mm



TECHNICAL FEATURES

- a) 78 lt stainless steel AISI 430 tank
- b) Bucket sieve
- c) System W
- d) Mesh filter
- e) Tangential aluminium inlet
- f) Drain valve
- g) Metal hooks
- h) Light switches
- i) Tipping trolley
- j) Handle for tank emptying





MODE OF OPERATION

1 - Cleaning of production machinery



2 - Removal of the W System



3 - Removal of the ring gasket





MODE OF OPERATION

4 - The bucket sieve is full of metal shavings



5 - Extractable bucket sieve



6 - Full bucket sieve ready for disposal



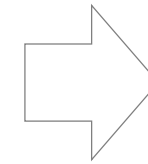


G3 BARREL VAC (ex Cargo)

For storing dirt* directly in a large tank ready for disposal

Wet and dry vacuum cleaner featuring three two stage motors and no collection tank since the machine must be installed onto 220 l steel tanks.

- **Standard Equipment:** Flexible hose 2,5 mt Ø 50 mm



TECHNICAL SPECS

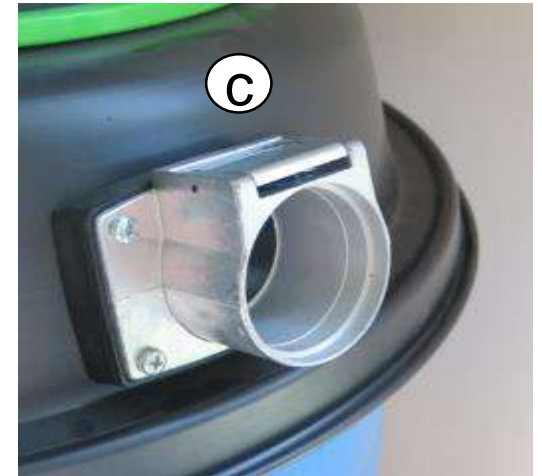
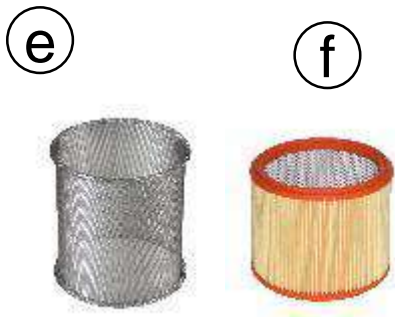
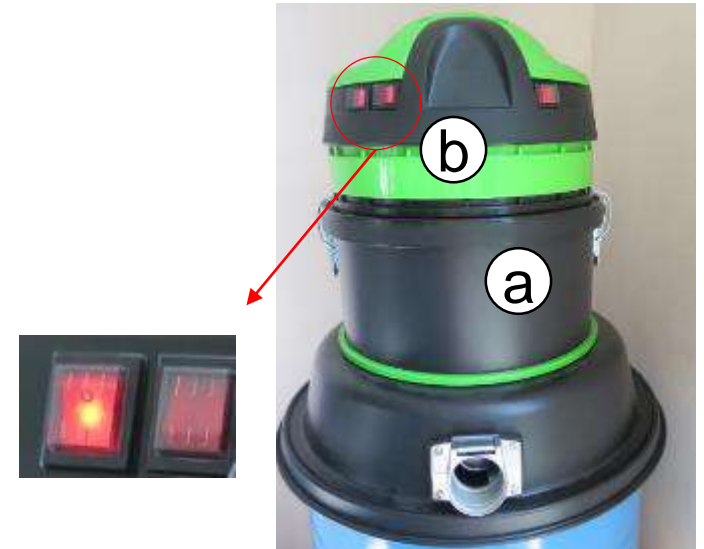
Code	Usage	Motor	Power Max	Voltage	Water lift	Air flow	Tank capacity	Inlet
ASDO015221	W/D	n. 3 two stages	3500 Watt	220-240 Volt	2500 mmH2O	645 m3/h	-	60 mm

* liquids, shavings and emulsion oil, slightly acid liquids.



TECHNICAL FEATURES

- a) Decanter Tank
- b) Light switches
- c) Central Aluminium inlet
- d) Metal hooks
- e) Mesh filter
- f) Cartridge (code: FTDP28620)
 - Material: paper
 - Porosity: 10 micron
 - Filtering surface: 3.000 cm²





PLANET OIL SINGLE PHASE

Powerful solution to vacuum and filter regularly oil and metal scrap.

Industrial vacuum cleaner with 2 high performance motors, 100 litres detachable tank made in stainless steel AISI 430 and solid framework with antiskid wheels with brakes.

- The model is equipped with **holed basket** (Ø2mm) for separating liquids from the solid residuals recovered, it is equipped with float that stops the vacuuming when the tank is full.



TECHNICAL SPECS

Code	Usage	Motor	Power Max	Voltage	Water lift	Air flow	Tank capacity	Inlet
ASID00523	W/D	n. 2 two stages	2400 Watt	220-240 Volt	2500 mmH2O	367 m3/h	100	60 mm



TECHNICAL FEATURES

- a) Quick release system
- b) 100 lt detachable tank made in stainless steel AISI 430
- c) Tool holder
- d) Antiskid wheels with brakes.
- e) Drain valve
- f) Visual filling indicator
- g) Motor Head
 1. Visual control for filter overpressure
 2. Additional socket
 3. Independent motors
 4. Light switches
 - **Red light:** clogged filter
 - **Green light:** the power supply works
- h) Tangential inlet





TECHNICAL FEATURES

- i) Conveyor cone
- j) Main filter: Polyester filter with sponge filter
- k) Additional filter: Nylon filter 500 μ
- l) Holed basket and float

j



l



k



i





PLANET OIL 3-PHASE

Solution for intensive use 24/24 which can filter the oil from solid scraps and debris and expel it to be reused

Industrial vacuum cleaner equipped with 1 high performance turbine, 100 litres detachable tank made in stainless steel AISI 430 and solid framework with antiskid wheels with brakes

- The machine works with **Reverse Flow** to recycle oil and liquids



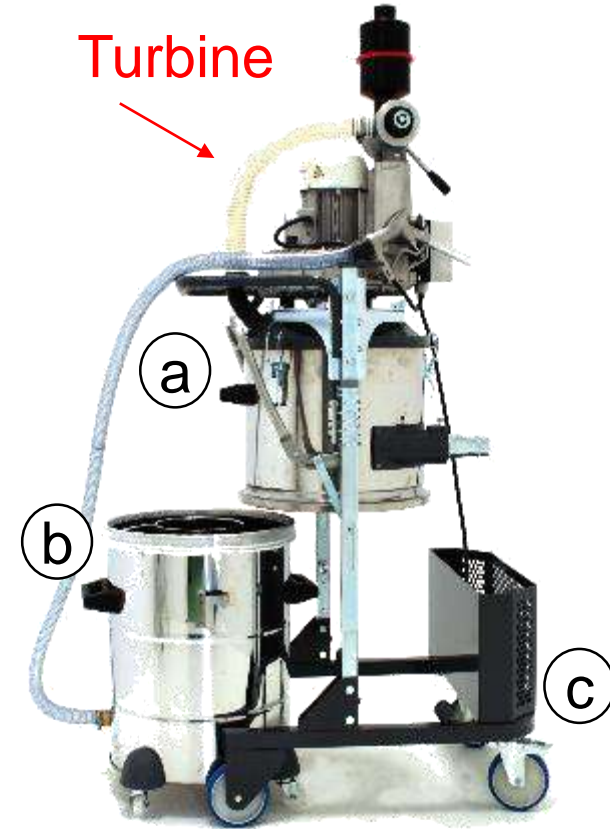
TECHNICAL SPECS

Code	Usage	Turbine	Power Max	Voltage	Water lift	Air flow	Tank capacity	Inlet
ASID00522	W/D	n. 1 turbine	3000 Watt	400 Volt	2300 mmH2O	330 m3/h	100	60 mm



TECHNICAL FEATURES

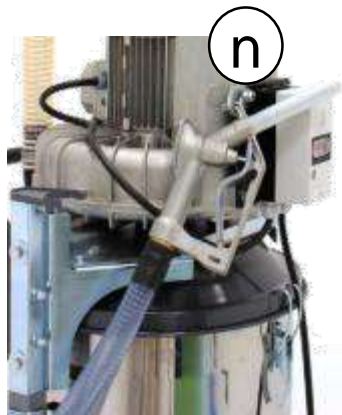
- a) Quick release system
- b) 100 lt detachable tank made in stainless steel AISI 430
- c) Tool holder
- d) Antiskid wheels with brakes.
- e) Visual filling indicator
- f) Tangential inlet
- g) Muffler
- h) Pressure valve
- i) Vacuum/Drain lever: to change from “vacuum” mode (lever down) to “drain” mode (lever up).





TECHNICAL FEATURES

- j) Conveyor cone
- k) Main filter: Polyester filter with sponge filter
- l) Additional filter: Nylon filter 500 μ
- m) Holed basket and float
- n) Drain-device to empty the tank from liquids





RECOMMENDED ACCESSORIES KIT



	PLANET 022	GC 3/90 ECOMET	GS 3/78 OIL	G3 BARREL VAC (ex Cargo)	PLANET OIL SINGLE PHASE	PLANET OIL 3-PHASE
BASIC TOOL KIT Ø50-60 mm	PMDT00443					
ANTI-STATIC TOOL KIT Ø50-60 mm	PMDT00436					
ANTI-OIL TOOL KIT Ø38-60 mm		PMDT00454	PMDT00928	PMDT00454		
ANTI-OIL TOOL KIT Ø50-60 mm			PMDT00447		PMDT00449	PMDT00449



BASIC TOOL KIT Ø50-60 mm

- Code: PMDT00443



Flexible
hose with
cuffs 3 mt



Complete
aluminium
double wand



Bristle
Brush



Squeege



Chromed
flat lance

ANTI-STATIC TOOL KIT Ø50-60 mm

- Code: PMDT00436



Conductive
Flexible hose
with cuffs 3 mt



Complete
aluminium
double wand



Bristle Brush



Rubber flat
lance



ANTI-OIL TOOL KIT Ø38-60 mm

- **Code: PMDT00454**



Flexible hose with cuffs 3 mt



Double steel wand



Wet Brush



Chromed flat lance

- **Code: PMDT00928**



Anti-Oil Flexible hose with cuffs 4 mt



Double steel wand



Brush with slides



Chromed flat lance



ANTI-OIL TOOL KIT Ø50-60 mm

- **Code: PMDT00447**
- **Code: PMDT00449**



Flexible
hose with
cuffs 3 mt



Complete
aluminium
double wand



Wet Brush



Bristle strip
for Brush



Rubber brush

THANK YOU