

**VACUUM WASHERS** MODIFIED ALCOHOLS . HYDROCARBONS



**KP** KleenPower

KP.30 KP.EASY KP.HMA KP.HYBRID KP.HD KP.MAX

## THE COMPANY



Established by a team of people with acknowledged, sound expertise in the industrial cleaning sector, IFP Europe srl has managed to achieve a leading position both nationally and internationally, so that it is considered one of the most reliable, innovative european manufacturers with a high-end production consisting of vacuum cycle cleaning machines. From lab tests to production integrated design, from solution customization to the system remote control via internet, the constant application of cutting-edge technologies, the attention to quality and reliability characterize IFP Europe srl and are the best guarantee a customer might have of a superb choice in all respects.



INDUSTRIAL FINISHING PLANTS



## THE CLEANING OF THE FUTURE... NOW

### THE BEST TECHNOLOGY ON THE MARKET

Thanks to their modified alcohol fully vacuum washing cycle with vacuum values up to 1 mbar and the wide range of standard and optional fittings, KP Kleen Power washers depict the best washing technology available on the market today.

### THE BEST ENVIRONMENTAL QUALITY

KP Kleen Power washers fully operate in a vacuum environment, so that at the end of the treatment no washing liquid residues can be found on the treated components, or are released in the environment.

### BETTER PRODUCTIVITY

Thanks to the reduction of the cycle time, KP Kleen Power washers contribute to a 100 % increase in production capacity and a 50 % decrease in electricity consumption.

### BETTER WASHING QUALITY

KP Kleen Power washers constantly ensure better metal washing results, irrespective of the level of contamination and the component characteristics. This also applies in case of components with deep blind holes.

### BETTER WASHING LIQUID MANAGEMENT

With KP Kleen Power washers washing liquid requirements are reduced to a few litres per year, and additional chemicals (stabilisers) are no longer required.

### BETTER MANAGEMENT ECONOMY

KP Kleen Power washers allow complete separation of the oil from the washing liquid, so that it can be reused in the production cycle, with great financial advantages. Chips are also sorted based on material type, and daily maintenance is no longer required.

#### KP.30

KP.30 White-Black  
KP.30 Blue-Black  
KP.30 Decor

#### KP.EASY

KP.EASY White-Blue  
KP.EASY White-Black  
KP.EASY Blue-Black  
KP.EASY Decor

#### KP.HYBRID

KP.HYBRID Gray-Glass

#### KP.HD

KP.HD Naked

#### KP.HMA

KP.HMA Naked  
KP.HMA Protect White  
KP.HMA Protect White-Glass  
KP.HMA Protect Blue  
KP.HMA Protect Blue-Glass  
KP.HMA Decor

#### KP.MAX

KP.MAX Naked  
KP.MAX Decor





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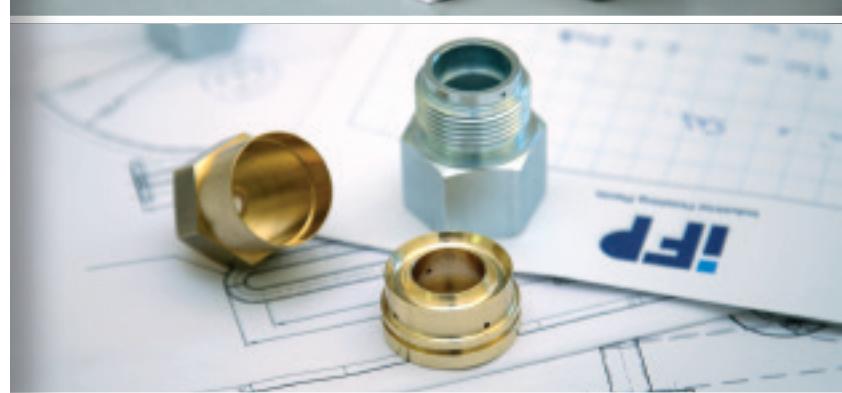
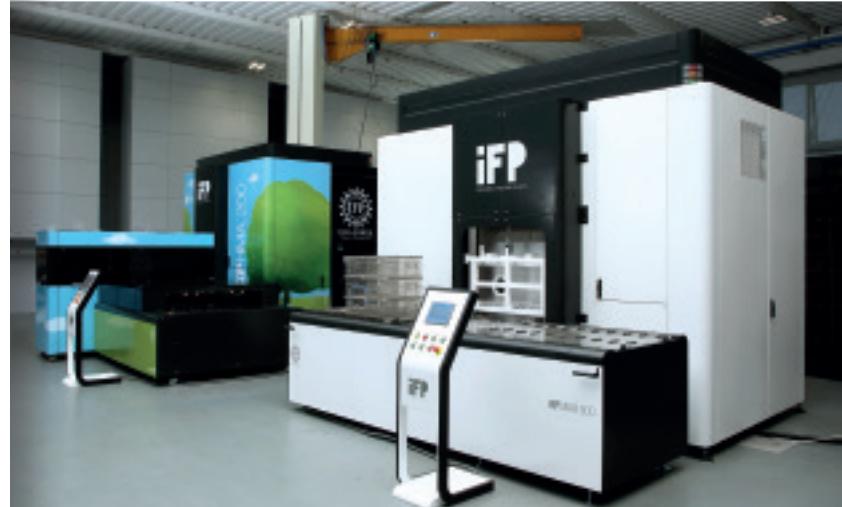
## THE WIDEST SYSTEM RANGE ON THE MARKET

From dental implants to large die-cast products, the KP Kleen Power range (consisting of the KP 30, KP EASY, KP HYBRID, KP HD, KP HMA and MAX versions) meets the most varied production requirements. Working completely in vacuum conditions, all systems are characterized by:

- CONTINUOUS WASHING LIQUID FILTRATION
- DRYING AND DEODORIZATION OF THE SHAVINGS BEFORE OPENING THE FILTER
- CONTINUOUS WASHING LIQUID DISTILLATION
- CONTINUOUS SEPARATION OF THE EMULSION WITH AUTOMATIC WATER DISCHARGE
- TOTAL SEPARATION OF OIL FROM WASHING LIQUID, WITH CONTINUOUS AUTOMATIC DISCHARGE
- OPERATION DATA CONTINUOUS DETECTION
- REMOTE CONNECTION VIA INTERNET
- EASY ACCESSIBILITY FOR MAINTENANCE PURPOSES



# KP Kleen Power



# KP.30

THE GREATEST TREATMENT QUALITY  
FOR THE SMALLEST ITEMS

The best part cleaning quality  
The best washing liquid management  
The best environmental quality  
The best performance

model	load dimensions	load weight Kg	dimensions mm	cicles/hour
<b>KP 30</b>	200 x 300 x 150h	30	1400 x 1400 x 2000h	4 - 6

**VACUUM CLEANING MACHINES**  
MODIFIED ALCOHOLS . HFE HYDROCARBONS



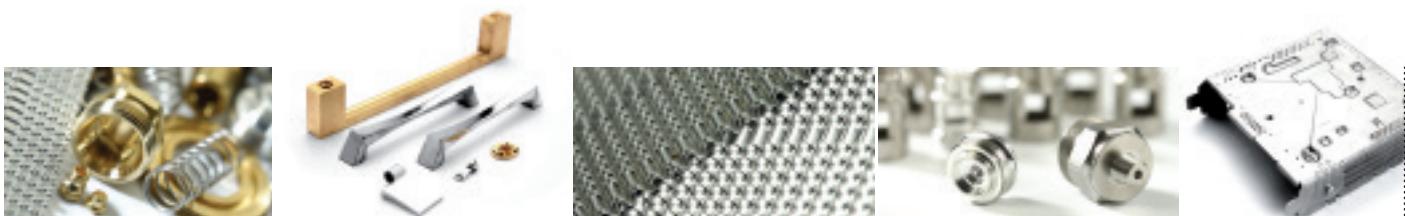
# KP.EASY

THE BEST TECHNOLOGY ALSO  
IN THE BASIC MODELS

The best part cleaning quality  
The best washing liquid management  
The best environmental quality  
The best performance

model	load dimensions	load weight Kg	dimensions mm	cicles/hour
<b>KP 50 EASY</b>	300 x 450 x 200h	50	1600 x 1600 x 2400h	3 - 4
<b>KP 100 EASY</b>	600 x 450 x 200	100	1800 x 1800 x 2600h	3 - 4
<b>KP 150 EASY</b>	900 x 450 x 200h	150	2100 x 2400 x 2800h	4 - 8
<b>KP 200 EASY</b>	1200 x 450 x 200h	200	2300 x 2500 x 3000h	4 - 8

**VACUUM CLEANING MACHINES**  
MODIFIED ALCOHOLS . HYDROCARBONS



# KP.HYBRID

## THE BEST TREATMENT FOR EVERY TYPE OF CONTAMINATIONS

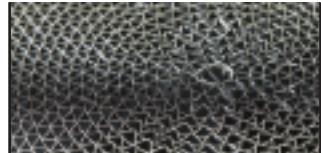
In the HYBRID version, the systems, thanks to the combined use of modified alcohols and aqueous detergent solutions, obtain the best cleaning results both on organic (oil, grease) and on inorganic (emulsion, salt) contaminants.



model	load dimensions	load weight Kg	dimensions mm	cicles/hour
KP 50 HYBRID	300 x 450 x 200h	50	2000 x 2000 x 2600h	4 - 8
KP 100 HYBRID	600 x 450 x 200h	100	2400 x 2200 x 2800h	4 - 8
KP 150 HYBRID	900 x 450 x 200h	150	2400 x 3000 x 3000h	4 - 8
KP 200 HYBRID	1200 x 450 x 200h	200	2400 x 3000 x 3000h	4 - 8

## VACUUM CLEANING MACHINES

MODIFIED ALCOHOLS . AQUEOUS DETERGENT SOLUTIONS



# KP.HMA

## THE BEST RESULTS FOR THE MOST DEMANDING APPLICATIONS

The best cleaning quality  
The best washing liquid management  
The best environmental quality  
The best productivity  
The greatest management saving



## VACUUM CLEANING MACHINES

MODIFIED ALCOHOLS . HYDROCARBONS



# KP.HD

## THE BEST TECHNOLOGY FOR A HIGH DEFINITION RESULT

The best environmental quality  
The best cleaning result  
The greatest management saving  
The best washing liquid management  
The best efficiency



### VACUUM CLEANING MACHINES MODIFIED ALCOHOLS . HYDROCARBONS



# KP.MAX

## LARGE SYSTEMS WITH GREAT PERFORMANCE

The best cleaning quality  
The best washing liquid management  
The best environmental quality  
The best productivity  
The greatest management saving



### VACUUM CLEANING MACHINES MODIFIED ALCOHOLS . HYDROCARBONS



# VACUUM WASHERS MODIFIED ALCOHOLS . HYDROCARBONS



## ECO~POWER

### APPLICATIONS

- Turned mechanical parts
- Precision cnc turned parts
- Pressed metal parts
- Die-casting
- Bent items
- Hydraulic components
- Valves
- Fittings
- Taps
- Pots and pans
- Cutlery
- Heat exchangers
- Automotive
- Sintered components
- Gears
- Watches
- Jewellery
- Medical components

### STANDARD FEATURES

- Stainless steel construction
- Vacuum-proof systems
- Vacuum pumps
- High-pressure washing liquid pumps
- Variable turbulence spraying system
- Cryogenic cooling system
- Sludge separation unit
- Washing liquid loading/unloading sealed system
- Washing liquid filtration
- Two washing liquid storage tanks
- Touch screen control panel
- Internet-based service

### OPTIONAL ACCESSORIES

- Ultrasound transducers
- Third washing liquid tank
- Protection agent application unit
- Additional filtration units
- Automatic load handling systems
- Automatic load recognition systems
- Chlorinated washing liquids use



Authorized dealer

**KP** KleenPower

#ifpeurope



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