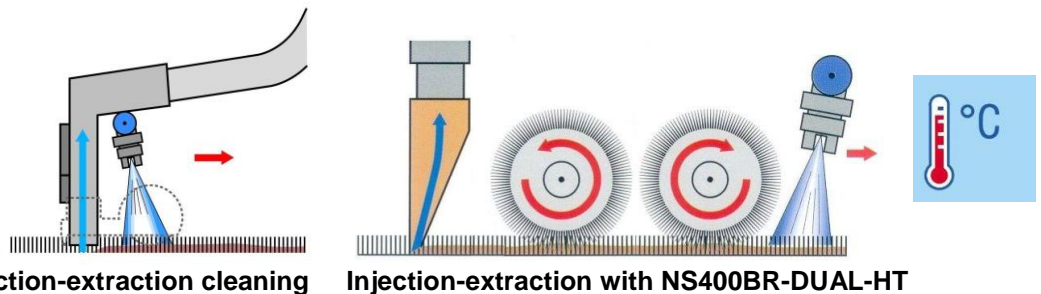




GraceHP is a high-performance carpet extractor, with a 28 Bars piston pump and 2 high-waterlift vacuum motors. Its **high-waterlift** vacuum system allows to recover the maximum quantity of dirt from carpet and to get a shortest drying time. The high pressure flow allows to remove the dirt more easily from carpet fibres. The two tanks, 70 litres each, enable a long autonomy of operation. GraceHP is particularly indicated for professional carpet cleaners. Dedicated brackets allow to hang hoses and wand on the machine, to easily move the complete machine from site to site.

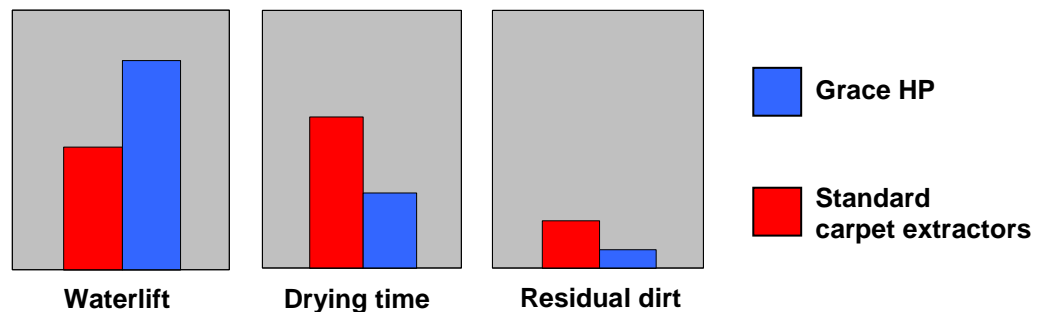
It can be supplied with the instant hot water unit HT1800-HP and with the optional power-brush heating wand NS400BR-DUAL-HT. GraceHP is supplied with an integrated patented system, allowing automatic chemical dosing, carpet pre-spraying and rinsing.

Main application fields: cleaning companies.



Injection-extraction cleaning

Injection-extraction with NS400BR-DUAL-HT



Advantages of Grace HP:

1. **High-waterlift** technology allows incomparable dirt removal and shortest drying time: carpet can be dry in 1 hour!
2. **Long working autonomy** thanks to the big tanks, 70 litres each.
3. Carpet tool with aluminium vacuum head, practically **indestructible**.
4. **Special profile** of the vacuum head, which allows to get the best suction even when the tool inclination changes.
5. The height of the handle is **adjustable**, for greater ergonomics. The handle allows the worker to lift the tool and to press the vacuum head down on carpet with a very small effort.
6. **Spraying valve** designed for avoiding any breaking.
7. Tubes in **stainless steel**, strong and rustproof for the whole machine life.
8. **Quick disconnect** spray nozzles, which can be removed by hand, without using any tool. The nozzles can be cleaned easily.
9. The machine allows to perform **automatic chemical dosing and carpet rinsing**.
10. Thanks to an integrated patented device it is also possible to **pre-spray carpet** before cleaning.
11. Using the **optional power-brush heating wand NS400BR-DUAL-HT**, it is possible to get excellent cleaning results, leaving carpet perfectly clean and dry in a single pass.
12. With the optional vacuum tool **NS270TURBODUST**, it is possible to vacuum dust before cleaning, with the same machine.



Other technical advantages of GraceHP:

1. Detachable tanks. The machine can be carried easily even in a small car.
2. High density polyethylene tanks, very strong and made for lasting a long time.
3. Transparent unbreakable cover, which allows to see the dirty water while it is sucked.
4. Easy to reach hole for filling the tank with clean water.
5. Drainpipe for easily emptying the recovery tank.
6. The gaskets are replaceable by hand since they are not glued. Easy to clean and change.
7. Strong wheels, in antimark rubber.
8. Brass quick-disconnect couplings, reliable and strong.
9. Vacuum motors with thermal protection against overload.
10. Vacuum motors treated against rust.
11. Both motor and pump can work continuously.
12. Modular design that makes the maintenance easier. The maintenance of the machine can be done at low costs.

Technical Data

Recovery tank capacity:	70 liters
Solution tank capacity:	70 liters
Vacuum motor:	2 motors - 3 stages - High Waterlift
Power:	2 x 1500 W
Maximum waterlift:	3400 mm H ₂ O
Maximum air-flow:	90 l/sec.
Pump with by-pass:	Piston
Power:	180 W
Maximum pressure:	28 bar (adjustable)
Maximum water-flow	4,5 l/min
Cleaning width:	300 mm
Number of nozzles:	3
Max. performance:	100 mq/h
Cable length:	10 m
Hose length:	7,5 m
Weight (machine body):	80 kg
Weight (packaged machine):	95 kg
Dimensions:	50 x 89 x 98 cm
Package dimensions:	60x95x112cm
Standard colors:	Blue
Tank construction:	High density polyethylene
Suitable to work with heater HT1800-HP :	YES

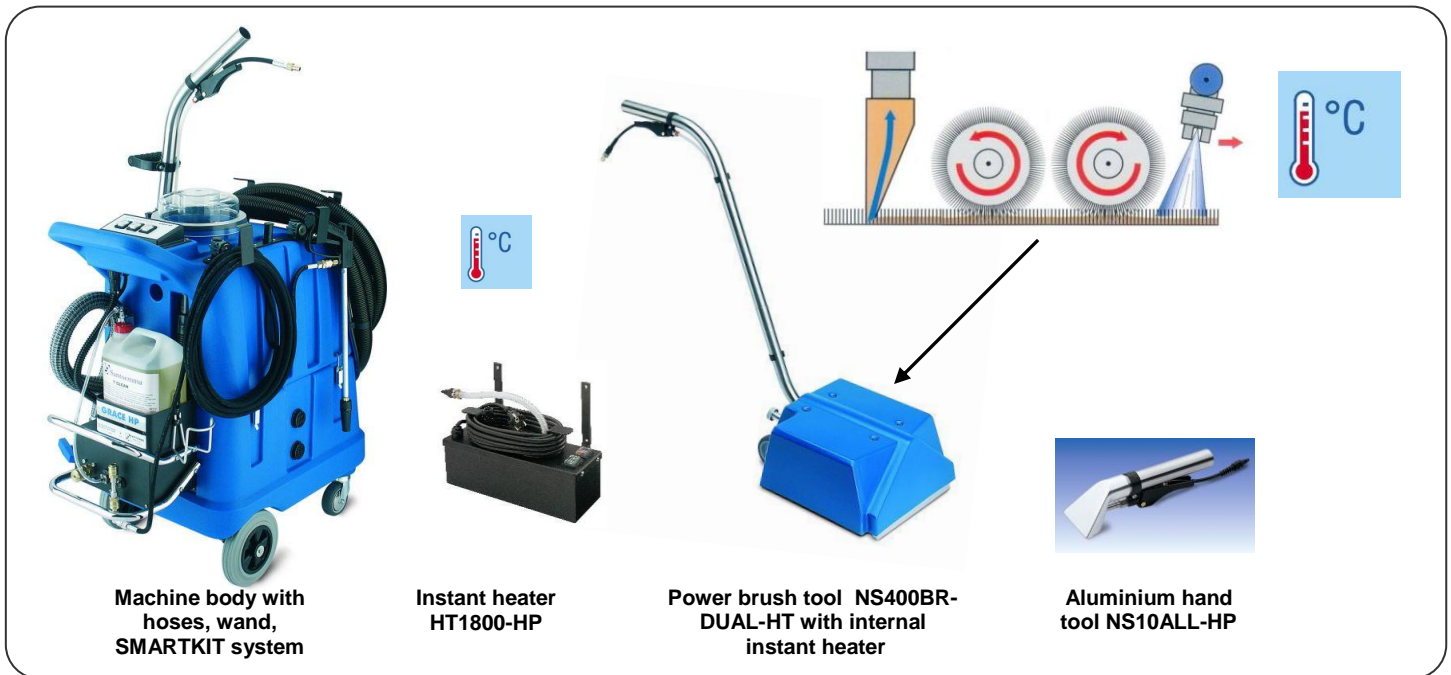
Complete machine with hoses H35-RAGNOL75-T + carpet tool NS300-USA	
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Suggested optional tools

NS10ALL-HP	Aluminium hand tool, with 1 spray nozzle – high pressure type	
HT1800-220-HP	Instant hot water unit, 1800W, 10m separate cable, complete with metal brackets to fix it on the machine.	
NS400BR-DUAL-HT	Power brush tool with 2 counter-rotating brushes and internal instant heater	
NS270TURBODUST	Complete accessory with internal bag for vacuuming before cleaning, Ø 32/38	



GraceHP PROFESSIONAL SET



GraceHP PROFESSIONAL SET includes:

- Machine body and hoses H35-RAGNOL75-T
- The wand NS300-USA
- The aluminium hand-tool NS10ALL-HP, for cleaning upholstery and hard-to-reach spots
- The instant hot water unit HT1800-220-HP
- Integrated SMARTKIT patented system, to perform automatic chemical dosing, carpet pre-spraying and rinsing
- The power brush tool NS400BR-DUAL-HT, with 2 counter-rotating brushes and internal instant heater

Advantages with Grace HP PROFESSIONAL SET:

1. The mechanical brushing action gives an excellent cleaning result, removing dirt completely from the base of carpet fibres. No residual dirt will re-emerge on carpet surface after few days!
2. Even a very dirty carpet can be completely clean in a single pass, reducing the time of cleaning operations.
3. Being able to clean in single pass, the amount of solution sprayed on carpet is not excessive and can be completely recovered by the machine's high-waterlift vacuum system. As a result, carpet can be completely dry in one hour!

Complete **Grace HP Professional set**, including:

machine body, hoses **H35-RAGNOL75-T**, carpet tool **NS300-USA**, hand tool **NS10ALL-HP**,
instant heater **HT1800-220-HP**

Integrated **SMARTKIT patented system** for automatic chemical dosing and rinsing, with pipe and pre-spray gun

Power brush tool **NS400BR-DUAL-HT**, with 2 counter-rotating brushes and internal instant heater