



Cold water high-pressure cleaners

Petrol engine high-pressure cleaners

Hot water high-pressure cleaners

Stationary high-pressure cleaners

Industrial vacuum cleaners

Hand powered sweepers

Accessories

Program

Specialist equipment for professionals!



■ Made
■ in
■ Germany



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2. Catalogue valid from January 1, 2015.
3. Upon issue, this catalogue replaces all previous versions.
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Kränzle is setting high standards:

Outstanding quality and technical perfection!

High-pressure cleaners, industrial vacuum cleaners and hand powered sweepers – that is the world of Kränzle. Founded in 1974 the Kränzle enterprise has developed into a worldwide quality leader of high-pressure cleaners.

And there is good reason for this. Because, from the start, Kränzle has attached great importance to the highest quality, e.g. with regard to the selection of a forged special type of brass for its high-pressure pumps or the ceramic coating of the pump plungers - top quality is the uncompromisingly clear brand standard. Based on values such as quality, flexibility and innovation, we continuously focus on the further development of our company and product solutions.



■ Made
■ in
■ Germany



Production factory 1, Illertissen

**BETTER
PERFECT
THAN CHEAP!**

Kränzle products are available exclusively from specialist dealers, and for good reason: If you pose high demands to quality and function of your machine, you will expect professional service and support as well. This is offered by specially trained and authorised Kränzle specialist dealers.

Kränzle specialist dealer





Research and development:

Innovations all around!

Our own research and development team are both the core and the motor of the Kränzle innovation strategy. Our experienced staff is constantly working on new solutions designed to offer to users all over the world significant advantages in cleaning performance, safety and handling.

Personal discussions between end users and our area sales managers are the nuts and bolts that generate important ideas for new developments and product improvements. State-of-the-art CAD systems help to shorten development cycles. Owing to its advanced in-house manufacturing, Kränzle is in a position to conduct practical analyses and tests during the development process which is important for the intended performance and function of the machines.

The Kränzle Product advantages:

- High-quality materials and processing
- Innovative design
- User-friendly handling
- Environmentally conscious consumption
- Functionally safe operation





Managing directors from left: Ludwig Kränzle, Rainer Bolkart, Manfred Bauer, Josef Kränzle

The Kränzle company is today managed by the shareholders Josef Kränzle and his son Ludwig Kränzle. At corporate level in Illertissen, they are assisted by graduate engineer (FH) Rainer Bolkart and graduate engineer (FH) Manfred Bauer.

The subsidiary in Bielefeld is responsible for global sale of Kränzle products and for marketing. Flat hierarchies, fast decision making channels and a sound economic basis are one of the secrets of success of the Kränzle enterprise. The corporate philosophy is characterised by the values of quality, flexibility and innovation.

Your Kränzle team wishes you much pleasure and success with our products!

■ **Quality**

„For us, quality means to durably fulfil or to surpass clearly defined requirements in all areas of the company.“

■ **Flexibility**

„For us, flexibility means to accept the challenges of the market and of our customers with a spirit of openness and to meet them within the frame of our resources.“

■ **Innovation**

„For us, innovation means to use our own research and development to provide our customers with a genuine value in performance, safety, handling and efficiency.“



Quality „made in Germany“:

Why pick a Kränzle?

If you opt for the Kränzle brand, you will always receive sophisticated high-pressure cleaners with technical benefits that impress all around. Many of these technical details are innovations that originate in the Kränzle development centre in Illertissen.

As a result, users profit from the top quality Made in Germany, confident cleaning power and particularly long service life.

Special brass pump head

The pump head is manufactured by Kränzle in Germany from forged special brass and guarantees an extremely long service life.



Slow runner

The machines - except for models HD 10/122 and K 1152 TS T - are equipped with slow running, quiet and durable four-pole slow running electric motors (1,400 rpm). Lower speeds reduce starting current, noise emission and wear.



Continuously adjustable pressure and quantity control

For all machines the operating pressure and the amount of water being sprayed can be exactly adjusted to suit the cleaning task.



Stainless steel pressure gauge

All high-pressure cleaners are equipped with large, clearly visible, glycerine dampened stainless steel gauges.

Kränzle quality in every detail.





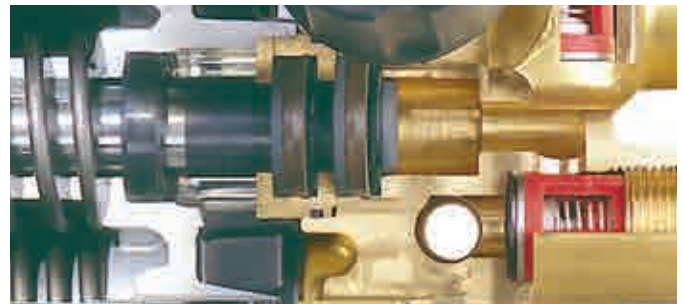
Stainless steel plungers (pistons) with ceramic coating

All high-pressure cleaners are equipped with ceramic coated stainless steel plungers. The favourable features of stainless steel plungers (excellent thermal conductivity), are combined with the positive characteristics of a hard ceramic coating (extremely low-wear surface) This serves to considerably increase the service life of our systems.



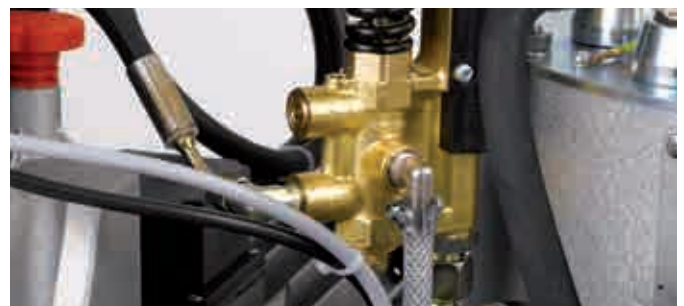
Dry-run safety and leakage return system

All high-pressure cleaners are equipped with a fabric sleeve and a Teflon graphite backing ring on each plunger. The excellent lubricating properties of Teflon graphite serve to reduce both the friction and temperature inside the pump. For this reason, Kranzle pumps can be run without water for quite some period without suffering any damage = Dry-run safety. A water cushion between the high-pressure seals on the plungers prevents any sucked in air from reaching the pump chamber. This considerably increases the service life of the plungers and pump.



Bypass operation

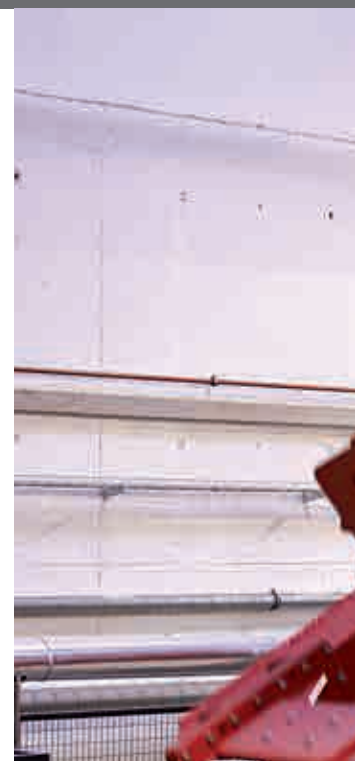
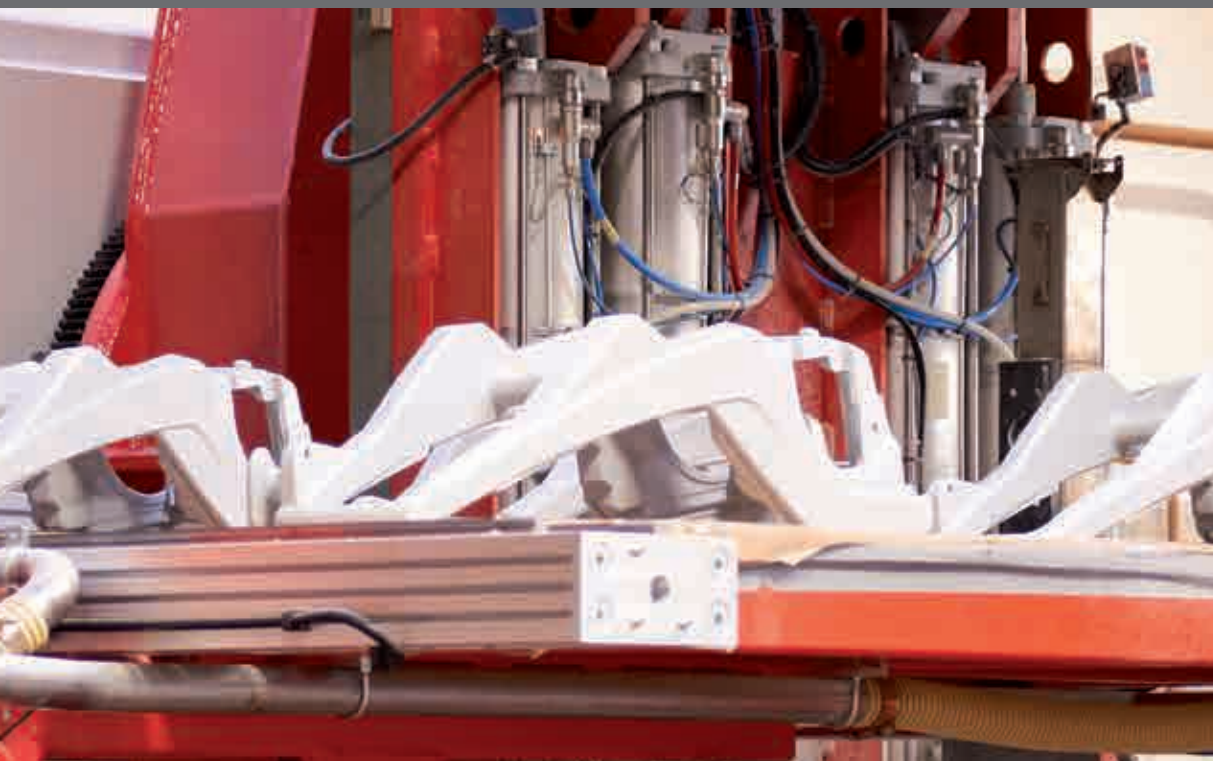
All high-pressure cleaners switch over to a pressure reduced bypass operation as soon as the trigger gun is released. The water is circulated with a residual pressure of approx. 10 bar. Models with the additional qualification TS (TOTAL-STOP) switch off at this point. Pump and motor are discharged leading not only to a significant prolongation of the service life but to energy savings as well.



Non-corrosiveness and durability

Machine failure due to corrosion is impossible. All parts of the pump and safety devices that come into contact with water are made of stainless steel or special brass.





Hose drums

Machines with a hose drum offer best function and avoid tripping hazards from high-pressure hoses that are not coiled up. The large hose drums fitted to the L-series permit use of up to 70 m high-pressure hose and therefore a much larger range.



Order principle

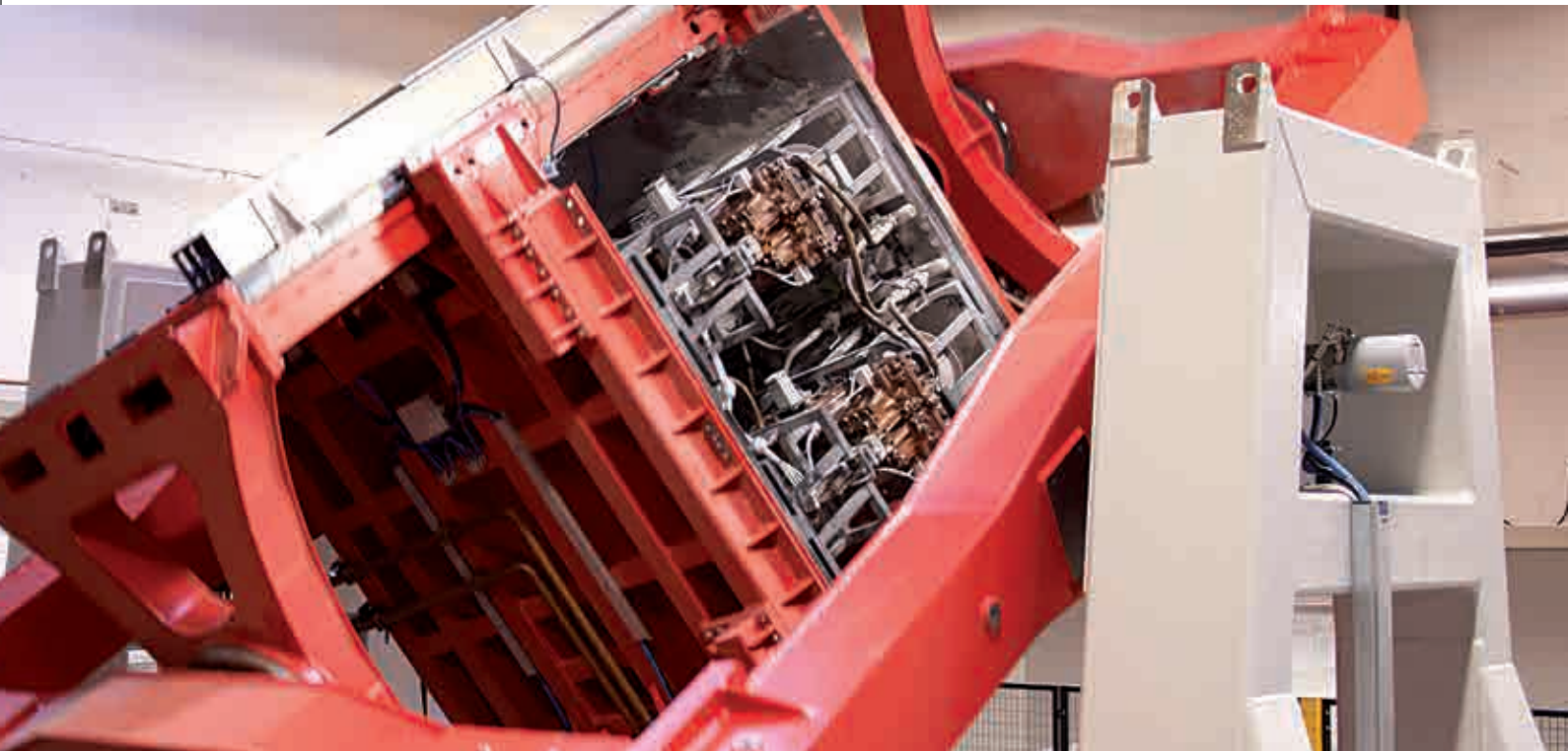
Storage receptacles for trigger gun with safety catch, Dirtkiller-, Turbokiller lance and lance with flat jet nozzle as well as the power cable coiling device ensure best working conditions and quick access to accessories.



Roto-Mold chassis

The machines K 1152 TS T, together with the machines of the K 2000, Profi and quadro series are equipped with a Roto-Mold chassis. This extremely firm and torsion-resistant frame manufactured out of one piece maximises the stability of the high-pressure cleaner. The motor and pump lie well protected within in the frame thus guarded against impacts from outside. These Kränzle chassis are virtually indestructible.





Rotational-moulding equipment in factory 2, Illertissen

Off-road capability; stability

The trolley (Roto-Mold), is manufactured out of one piece and is therefore extremely stable and sturdy. Large wheels make it easy to move even on difficult terrain and increases the stability during operation. Small obstacles or staircases are not a problem.



Protection

Due to the integrated water tank, damage to the pump caused by lack of water is practically eliminated. Air bubble implosions in the pump, caused, e.g., by lack of water, the main cause of damage in high-pressure pumps. Can be almost completely excluded by this. Only a few steps are necessary to deactivate the water tank, e.g. when water is to be taken up from separate containers or a pond, the following series are equipped with a water box: Profi, quadro, therm and the stationary cold water series W.



Product safety

Kränzle machines are tested according to the CE-scheme and the TÜV/GS test procedures and certified accordingly.



Thorough cleanliness inside and outside:

Products for the automotive industry



Fig. Hand power sweeper 2 + 2, page 66

The challenges of the automotive industry are as varied as the applications of high pressure cleaners, wet and dry vacuum cleaners as well as power sweepers.

Car dealers, garages and repair shops, bus and taxi operators make their mark through cleanliness in outside areas, sales rooms and repair shops. There are no second chances for the first impression you make. Therefore Kränzle aims to offer perfect solutions to all requirements in its three fields of expertise. Thus Kränzle hot water units - in combination with the floor washing Round Cleaner and the Dirtkiller lance - serves to thoroughly and rapidly remove any oily residues in the repair shop area. Vehicle interiors, car mats, boot and bonnet interiors, work benches and sales rooms are effortlessly cleaned with the Kränzle Ventos wet and dry vacuum cleaners

Solutions are also provided for the use in petrol filling stations and car washing systems from pre-washing to car interior and exterior cleaning, taking into account the specific size of your company. Thousands of Kränzle machines have been reliably and successfully in use for decades in the automotive industry all over the world.

Why not benefit yourself from the experience and quality of Kränzle products for your own business.

Confident, uncompromising cleaning results :

Solutions for transportation and commercial vehicles



Fig. Cold water high pressure cleaner quadro 1000 TS T, pages 36 and 89

Extremely heavy soiling is a common daily experience to building and transport companies. It is therefore important to be able to rapidly and efficiently clean the vehicle fleet in order to keep operations in smooth running order.

Buses, concrete mixers, wheel loaders, cranes or excavators, they all require thorough and uncompromising proper cleaning. And when it comes to the choice of the right high pressure cleaner with a good ratio between high pressure and high water output:

the Kränzle high pressure cleaners of the large quadro series and the therm-1 series are the ideal helpers. No matter if mobile or stationary, for Kränzle no cleaning task is too much. Heavy soiling requires pre-cleaning with a foam injector and the use of original Kränzle accessories such as lance extensions and cleaning brushes in order to make life easier.

Efficient and animal appropriate:

Products for agricultural engineering and animal husbandry



Fig. Hot water high pressure cleaners therm 895-1, pages 52 and 97

Cleanliness is one of the elementary prerequisites in farming and husbandry when it comes to health, hygiene and first class working conditions.

When it comes to the cleaning of stables, a high washing performance is required which can only be achieved by the use of machines which above all, in addition to sufficient water pressure, also provide an adequate water output. The new bully series, the L series, the large quadro machines or the therm-1 series are especially suited for this purpose. Animal washing is a particularly sensitive challenge requiring absolutely dependable high pressure cleaners such as the Kränzle therm-1 with exact and constant temperature control.

In view of the high daily cleaning requirements we recommend our extraordinarily robust machines, such as the large quadro. And wherever there is no electric power available, Kränzle high pressure cleaners with gasoline engines give their best every day. High pressure and good water output in addition to pre-cleaning by means of a foam injector, brushes and lance extensions are to be used for extremely dirty agricultural machinery, equipment and tractors. Furthermore, the wet and dry vacuum cleaners Ventos and the Kränzle power sweepers have successfully proved themselves for cleaning stable floorings and exterior areas.

Mobile, powerful and independent:

Solutions for industry and trade



Fig. Trigger gun with safety catch with foam injector, page 75

The fields of application in industry and trade are enormously complex. And requirements from one application to another also vary tremendously.

Butcher shops and the food industry require a food compatible design with special tires and hoses as well as stainless steel construction as standard, whereas the exterior cleaning industry, focuses on high pressure and high water output.

Original Kranzle accessories help you to take on a wide variety of projects, like with the removal of old paint and rust Kranzle is also able to offer the appropriate equipment. The sand blasting injector enables you to achieve perfect results for primer preparation. Working in environments where specialist tools are required without any electric power available can be an issue to overcome. Therefore, you need a manufacturer who

is well aware of such requirements and able to offer a product line that meets all of these different requirements. And there is such a manufacturer: Kranzle with its vast and wide range of products is in a position to offer all that is needed by industry and trade. This also applies to the rental business: the portable high pressure cleaners do not fail to demonstrate proof of their robustness each day and, due to the minimalistic design are quick and easy to service.

Efficient, powerful and reliable:

Products for the public service



Fig. Hot water high pressure cleaners series therm C, pages 50 and 96

Public service cleaning tasks require professional and uncompromising machines. In view of the daily rough operating conditions of municipal tractors, construction site vehicles, transporters and trucks, semi-professional or domestically rated machines are totally unsuitable.

Owing to their uncompromisingly high quality, Kränzle high pressure cleaners are the ideal machines for the various cleaning jobs in municipal building depots and public areas as well as the removal of graffiti from building façades. The vast and wide range of products is designed to offer the best equipment available to best suit your requirements.

extremely high water output or exceptionally high pressure for the removal of stubborn contamination. Kränzle units with petrol engines are particularly suited for mobile use because they are entirely independent of electric power sources. Wherever contamination is severe, pre-cleaning with the Kränzle foam injector is recommended.

Cleanliness as a source of satisfaction:

Solutions for the home and garden



Fig. Cold water high pressure cleaner K 2160 TS T, pages 26 and 86, UFO floor cleaner, page 71

As a matter of fact, Kränzle cleaning machines bring out the best in your home and garden. As cleaning challenges continue to arise, the investment in a professional machine pays for itself in the long run.

Whether it is a porch, driveway, stairway, wall, fence or garden furniture, with Kränzle high pressure cleaners, wet and dry vacuum cleaners and power sweepers everything will be squeaky clean. Dirty roller shutters? No problem, just as new with Kränzle! Swimming pool needs spring cleaning? Go ahead, dive in and get started with Kränzle. A comprehensive range of accessories are available giving assistance with clearing out,

gutters and drains. Superb accessories such as the Dirtkiller, rotating washing brush, pipe cleaning hose or UFO floor cleaner are efficient tools that help with a wider range of cleaning tasks than imaginable.

The K2000 series is suited for regular all-day use delivering great cleaning results. Smaller power pack models are ideal for use around the home and garden, offering excellent cleaning performance from a smaller size design. Cleaning “jobs” once put off, often become almost a hobby – searching for things you can use your Kränzle to clean. The reason for this is clear. Find out for yourself – experience the superior quality that is offered from Kränzle products.

Mobile, compact and practical

The portables

HD 7/122 & HD 10/122

- Absolutely convenient, space-saving and compact design
- Can withstand voltage fluctuations of up to approx. 10 % (HD 7/122)
- Easy-start
- Slow running, silent and durable four pole (1,400 rpm) electric motor (HD 7/122)



HD 7/122 with Dirtkiller

HD 9/80 & HD 12/130

- Designed for continuous professional use
- Absolutely convenient, space-saving and compact design
- The most quiet professional appliances of their class due to a four-pin slow running motor (1,400 rpm)
- Low pressure detergent



HD 12/130



Technical specifications	HD 9/80	HD 7/122	HD 10/122	HD 12/130
Ord. no. without Dirtkiller	41,171	41,730	41,731	41,168
Ord. no. with Dirtkiller	–	41,730 1	41,731 1	–
Operating pressure, continuously adjustable	30-80 bar / 3-8 MPa	30-120 bar / 3-12 MPa	30-120 bar / 3-12 MPa	30-130 bar / 3-13 MPa
Max. admissible overpressure	90 bar / 9 MPa	135 bar / 13.5 MPa	135 bar / 13.5 MPa	145 bar / 14.5 MPa
Water output	9 l/min (540 l/h)	7 l/min (420 l/h)	10 l/min (600 l/h)	11 l/min (660 l/h)
Motor speed	1,400 rpm	1,400 rpm	2,800 rpm	1,400 rpm
Connected load	230 V, 7.5 A, 50 Hz	230 V, 7.5 A, 50 Hz	230 V, 11.0 A, 50 Hz	230 V, 13.5 A, 50 Hz
Power intake / Power output	1.6 kW / 1.0 kW	1.6 kW / 1.0 kW	2.5 kW / 1.8 kW	2.9 kW / 2.2 kW
Weight	24 kg	22 kg	23 kg	30 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 10 m NW 6	(43,416)	(43,416)	(43,416)	(43,416)
Trigger gun with safety catch M2000	(12,480)	(12,480)	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	–	(41,570-028)	(41,570-042)	–
Stainless steel lance with flat jet nozzle	(41,156 8-042) Vario-Jet	(12,393-M20028)	(12,393-M20042)	(12,701-M20042)

Powerful, compact and convenient

The small power packs

- Single-part Roto-Mold-chassis and therefore extremely stable and robust
- Integrated trolley takes steps and rough ground in its stride
- Integrated hose drum with foldable crank
- 5 m power lead with cable reel
- Dirtkiller lance with stainless steel pipe (41,219 1, 41,218 1), Vario-Jet lance, lance with stainless steel pipe with fully adjustable spray angle from pencil to wide fan as well as high and low pressure
- Storages for trigger gun with safety catch and lances
- Easy-Start
- Total-Stop system
- Low pressure detergent



K 1152 TS T



K 1152 TS
without hose drum



Technical specifications

	K 1152 TS	K 1152 TS T
Ord. no. without Dirtkiller	41,219	–
Ord. no. with Dirtkiller	41,219 1	41,218 1
Operating pressure, continuously adjustable	30-130 bar / 3-13 MPa	30-130 bar / 3-13 MPa
Max. admissible overpressure	150 bar / 15 MPa	150 bar / 15 MPa
Water output	10 l/min (600 l/h)	10 l/min (600 l/h)
Motor speed	2,800 rpm	2,800 rpm
Connected load	230 V, 12.0 A, 50 Hz	230 V, 12.0 A, 50 Hz
Power intake / Power output	2.8 kW / 2.0 kW	2.8 kW / 2.0 kW
Weight	27 kg	31.5 kg

Features & Equipment

	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 6	10 m (43,416)	15 m (48,015)
Tigger gun with safety catch M2000	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	(41,570-042)	(41,570-042)
Vario-Jet lance with stainless steel pipe	(41,156 8-042)	(41,156 8-042)

High-performance and robust

The K 2000 series

- Single-part Roto-Mold-chassis and therefore extremely stable and robust
- Integrated trolley takes steps and rough ground in its stride
- Integrated hose drum with foldable crank (TS T)
- 5 m power lead with cable reel
- Dirtkiller lance with stainless steel pipe, Vario-Jet lance, lance with stainless steel pipe with fully adjustable spray angle from pencil to wide fan as well as high and low pressure
- Storages for trigger gun with safety catch and lances
- Total-Stop system
- Low pressure detergent



K 2000 TS T with hose drum



K 2000 TS
without hose drum



Technical specifications	K 2160 TS / TS T	K 2195 TS / TS T	K 2175 TS / TS T
Ord. no. without hose drum	41,780 1	41,784 1	41,782 1
Ord. no. with hose drum	41,781 1	41,785 1	41,783 1
Operating pressure, continuously adjustable	30-140 bar / 3-14 MPa	30-180 bar / 3-18 MPa	30-160 bar / 3-16 MPa
Max. admissible overpressure	160 bar / 16 MPa	195 bar / 19.5 MPa	175 bar / 17.5 MPa
Water output	11 l/min (660 l/h)	8 l/min (480 l/h)	12 l/min (720 l/h)
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	230 V, 14 A, 50 Hz	230 V, 14 A, 50 Hz	400 V, 6,7 A, 50 Hz
Power intake / Power output	3.2 kW / 2.4 kW	3.2 kW / 2.4 kW	3.3 kW / 2.6 kW
Weight without / with hose drum	37 kg / 39.5 kg	37 kg / 39.5 kg	37 kg / 39.5 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose NW 6, without hose drum	10 m (43,416)	10 m (43,416)	10 m (43,416)
Steel braided high-pressure hose NW 6, with hose drum	15 m (48,015)	15 m (48,015)	15 m (48,015)
Tigger gun with safety catch M2000	(12,480)	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	(41,570-042)	(41,570-03)	(41,570-042)
Vario-Jet lance with stainless steel pipe	(41,156 8-042)	(41,156 8-03)	(41,156 8-042)

Ultimate power

The Profi series

- Single-part Roto-Mold-chassis and therefore extremely stable and robust
- Integrated trolley takes steps and rough ground in its stride
- Integrated hose drum with foldable crank
- 5 m power lead with cable reel
- Dirtkiller lance with stainless steel pipe, stainless steel lance with flat jet nozzle
- Storages for trigger gun with safety catch and lances
- Total-Stop system
- Water tank, detachable
- High pressure detergent





Technical specifications	Profi 160 TS T	Profi 195 TS T	Profi 175 TS T	Profi 15/120 TS T
Ord. no.	41,230 1	41,231 1	41,232 1	41,233 1
Operating pressure, continuously adjustable	30-140 bar / 3-14 MPa	30-170 bar / 3-17 MPa	30-150 bar / 3-15 MPa	30-120 bar / 3-12 MPa
Max. admissible overpressure	160 bar / 16 MPa	195 bar / 19.5 MPa	175 bar / 17.5 MPa	135 bar / 13.5 MPa
Water output	11 l/min (660 l/h)	8 l/min (480 l/h)	12 l/min (720 l/h)	15 l/min (900 l/h)
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	230 V, 14.3 A, 50 Hz	230 V, 14.3 A, 50 Hz	400 V, 7.2 A, 50 Hz	400 V, 7.2 A, 50 Hz
Power intake / Power output	3.2 kW / 2,5 kW	3.2 kW / 2,5 kW	3.8 kW / 3,0 kW	3.8 kW / 3,0 kW
Weight	45 kg	45 kg	45 kg	45 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 15 m NW 6	(43,829)	(43,829)	(43,829)	(43,829)
Tigger gun with safety catch M2000	(12,480)	(12,480)	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	(41,570-042)	(41,570-03)	(41,570-042)	(41,570-07)
Stainless steel lance with flat jet nozzle	(12,393-M20042)	(12,393-M2003)	(12,393-M20042)	(12,393-D2507)

Maximum robust power

The small quadros

- Integrated trolley takes rough ground in its stride
- Integrated hose drum with foldable crank
- 5 m power lead with cable reel (12/150 TS T: 7,5 m)
- Dirtkiller lance with stainless steel pipe, stainless steel lance with flat jet nozzle
- Storage for trigger gun with safety catch and lances
- Shock absorbing buffers, front and rear
- Total-Stop system
- Water tank
- High pressure detergent
- Parking brake





Technical specifications	quadro 11/140 TS T	quadro 9/170 TS T	quadro 12/150 TS T
Ord. no.	40,441 1	40,443 1	40,442 1
Operating pressure, continuously adjustable	30-140 bar / 3-14 MPa	30-170 bar / 3-17 MPa	30-150 bar / 3-15 MPa
Max. admissible overpressure	155 bar / 15.5 MPa	190 bar / 19 MPa	165 bar / 16.5 MPa
Water output	11 l/min (660 l/h)	9 l/min (540 l/h)	12 l/min (720 l/h)
Volume water tank	7 l	7 l	7 l
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	230 V, 14 A, 50 Hz	230 V, 14 A, 50 Hz	400 V, 6.8 A, 50 Hz
Power intake / Power output	3.3 kW / 2.4 kW	3.3 kW / 2.4 kW	3.5 kW / 2.8 kW
Weight	46 kg	46 kg	46 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 15 m NW 6	(40,170)	(40,170)	(40,170)
Tigger gun with safety catch M2000	(12,480)	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	(41,570-045)	(41,570-03)	(41,570-045)
Stainless steel lance with flat jet nozzle	(12,393-M20045)	(12,393-M2003)	(12,393-M20045)

High-performance and robust

The medium quadros

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Integrated hose drum with foldable crank
- 7,5 m power lead with cable reel (599 TS T: 5 m)
- Dirtkiller lance with stainless steel pipe, stainless steel lance with flat jet nozzle
- Storage for trigger gun with safety catch and lances
- Shock absorbing buffers, front and rear
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Water tank
- High pressure detergent
- Parking brake





Technical specifications	quadro 599 TS T	quadro 799 TS T	quadro 899 TS T
Ord. no.	40,431	40,432	40,434
Operating pressure, continuously adjustable	30-150 bar / 3-15 MPa	30-180 bar / 3-18 MPa	30-150 bar / 3-15 MPa
Max. admissible overpressure	165 bar / 16.5 MPa	200 bar / 20 MPa	170 bar / 17 MPa
Water output	10 l/min (600 l/h)	13 l/min (780 l/h)	15 l/min (900 l/h)
Volume water tank	10 l	10 l	10 l
Motor speed	1.400 rpm	1.400 rpm	1.400 rpm
Connected load	230 V, 14 A, 50 Hz	400 V, 8.5 A, 50 Hz	400 V, 8.5 A, 50 Hz
Power intake / Power output	3.3 kW / 2.4 kW	5.5 kW / 4.0 kW	5.5 kW / 4.0 kW
Weight	62 kg	62 kg	62 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose	20 m NW 6 (43,416 1)	20 m NW 6 (43,416 1)	15 m NW 8 (44,879)
Tigger gun with safety catch M2000	(12,480)	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	(46,150)	(46,150 1)	(46,150 2)
Stainless steel lance with flat jet nozzle	(12,392 2-M20035)	(12,392 2-M20045)	(12,392 2-D2506)

Maximum power

The big quadros TS

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Trolley optionally also available in stainless steel finish
- Integrated hose drum with foldable crank
- 7.5 m power lead with cable reel
- Ergonomic removable handlebar, also available in stainless steel finish as an option
- Turbokiller lance with stainless steel pipe, stainless steel lance with flat jet nozzle
- Storage for trigger gun with safety catch and lances
- Shock absorbing buffers, front and rear
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Water tank
- High pressure detergent
- Parking brake





Technical specifications	quadro 1000 TS	quadro 1200 TS	quadro 1500 TS
Ord. no. mit standard trolley	40,421 1	40,422 1	40,426 1
Ord. no. mit stainless steel trolley	40,421 9	40,422 9	40,426 9
Operating pressure, continuously adjustable	30-220 bar / 3-22 MPa	30-180 bar / 3-18 MPa	30-140 bar / 3-14 MPa
Max. admissible overpressure	250 bar / 25 MPa	200 bar / 20 MPa	160 bar / 16 MPa
Water output	16 l/min (960 l/h)	19 l/min (1,140 l/h)	25 l/min (1,500 l/h)
Volume water tank	16 l	16 l	16 l
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz
Power intake / pwer output	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW
Weight	82 kg	82 kg	82 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 20 m NW 8	(41,081)	(41,081)	(41,081)
Tigger gun with safety catch Starlet	(12,320 2)	(12,320 2)	(12,320 2)
Turbokiller lance with stainless steel pipe	-	-	(41,580-10)
Stainless steel lance with flat jet nozzle	(12,392 2-D2505)	(12,392 2-D2507)	(12,392 2-M2010)
Water filter	-	-	(13,310)

Maximum power

The big quadros TS T

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Trolley optionally also available in stainless steel finish
- 7.5 m power lead with cable reel
- Ergonomic removable handlebar, also available in stainless steel finish as an option
- Turbokiller lance with stainless steel pipe (quadro 1500 TS), stainless steel lance with flat jet nozzle
- Storage for trigger gun with safety catch and lances
- Shock absorbing buffers, front and rear
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Water tank
- High pressure detergent
- Parking brake





Technical specifications	quadro 800 TS T	quadro 1000 TS T	quadro 1200 TS T	quadro 1500 TS T
Ord. no. with standard trolley	40,423	40,421	40,422	40,426
Ord. no. with stainless steel trolley	40,423 0	40,421 0	40,422 0	40,426 0
Operating pressure, continuously adjustable	30-250 bar / 3-25 MPa	30-220 bar / 3-22 MPa	30-180 bar / 3-18 MPa	30-140 bar / 3-14 MPa
Max. admissible overpressure	270 bar / 27 MPa	250 bar / 25 MPa	200 bar / 20 MPa	160 bar / 16 MPa
Water output	13.3 l/min (798 l/h)	16 l/min (960 l/h)	19 l/min (1,140 l/h)	25 l/min (1,500 l/h)
Volume water tank	16 l	16 l	16 l	16 l
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz
Power intake / Power output	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW
Weight	89 kg	89 kg	89 kg	89 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 10 m NW 8	(41,083)	(41,083)	(41,083)	(41,083)
Tigger gun with safety catch Starlet	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
Turbokiller lance with stainless steel pipe	(41,072)	(41,580-05)	(41,072 7)	(41,580-11)
Stainless steel lance with flat jet nozzle	(12,392 2-D2504)	(12,392 2-D2505)	(12,392 2-D2507)	(12,392 2-M2011)
Water filter	-	-	-	(13,310)

Compact power

The new bully

- Space-saving, compact and service-friendly design
- Extremely stable and robust Roto-Mold trolley
- Integrated trolley takes steps and rough ground in its stride
- Simple and comfortable handling
- Corrosion-resistant materials
- Integrated hose drum with foldable crank (TS T)
- 7.5 m power lead with cable reel
- Trigger gun with safety catch and quick release system
- Dirtkiller lance with stainless steel pipe and quick release nipple, Stainless steel lance with flat jet nozzle and quick release nipple
- Storage for trigger gun with safety catch and lance
- Total-Stop system
- Shock absorbing buffers

NEW!



Fig. bully without hose drum



Fig. bully with hose drum



Technical specifications

	bully 980 TS / TS T	bully 1180 TS / TS T
Ord. no. without hose drum	40,350 1	40,351 1
Ord. no. with hose drum	40,350	40,351
Operating pressure, continuously adjustable	30-180 bar (3-18 MPa)	30-160 bar (3-16 MPa)
Max. admissible overpressure	200 bar (20 MPa)	180 bar (18 MPa)
Water output	16 l/min (960 l/h)	19 l/min (1.140 l/h)
Motor speed	1,400 rpm	1,400 rpm
Connected load	400 V, 11.5 A, 50 Hz	400 V, 11.5 A, 50 Hz
Power intake / Power output	7.0 kW / 5.0 kW	7.0 kW / 5.0 kW
Weight	65 / 68 kg	65 / 68 kg

Features & Equipment

Steel braided high-pressure hose, 15 m NW 8	10 m (44,878)	10 m (44,878)
Steel braided high-pressure hose, 10 m NW 8	15 m (44,879)	15 m (44,879)
Trigger gun with safety catch M2000 with quick release coupling	(12,492)	(12,492)
Dirtkiller lance 1000 mm with stainless steel pipe and quick release nipple	(12,425-055)	(12,425-075)
Stainless steel lance 1000 mm with flat jet nozzle and quick release nipple	(12,420-D25055)	(12,420-D25075)

Top performance for fast cleaning

The new L series

- Trolley made of stainless steel with integrated crane hook in the pipe frame
- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Stainless steel cover, brushed
- Stainless steel-storage for trigger gun with safety catch and lances
- Stainless steel-shock absorbing buffers
- Stainless steel electrical terminal box
- Additional electrical over-current protection
- Total-Stop system with delayed motor cut-out
- Safety cut-out
- Display readiness for operation with signal lamp
- Low water protection with signal lamp
- Overcurrent phase monitoring with signal lamp
- Large water input filter
- 2 Parking brakes
- Optionally with stainless steel-hose drum for up to 70 m steel braided high-pressure hose NW 10



L series with standard equipment



L series with stainless steel-hose drum for up to 70 m high-pressure hose (optional equipment, Page 78 ff.)



Technical specifications	L 30/200 TS	L 40/160 TS
Ord. no. without accessories*	40,800 1	40,810 1
Ord. no. with standard equipment**	40,800	40,810
Operating pressure, continuously adjustable	30 - 200 bar / 3 - 20 MPa	30 - 160 bar / 3 - 16 MPa
Max. admissible overpressure	230 bar	190 bar
Water output	30 l/min (1,800 l/h)	40 l/min (2,400 l/h)
Connected load	400 V, 24 A, 50 Hz	400 V, 24 A, 50 Hz
Power intake / Power output	14.5 kW / 11 kW	14.5 kW / 11 kW
Weight without accessories	125 kg	125 kg

Features & Equipment	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 10 (with standard equipment)	15 m	15 m
Tigger gun with safety catch with quick release coupling	Starlet (12,327 2)	Starlet (12,327 2)
Stainless steel lance with flat jet nozzle and quick release nipple (with standard equipment)	(12,420-D4011)	(12,420-D40175)
Water intake filter	(13,320 2)	(13,320 2)

* Design without accessories (ord. no. 40.800 1 and 40.810 1): trigger gun with safety, short (inlet ST 30 nipple M 22 male, outlet quick release coupling)

** Design with standard equipment (ord. no. 40.800 and 40.810): trigger gun with safety, short (inlet ST 30 nipple M 22 male, outlet quick release coupling), Stainless steel lance with recessed handles 1000 mm with quick release nipple and flat jet nozzle, steel braided high-pressure hose 15 m DN 10.

The off-road and site kit

The Profi-Jet series

- The integrated trolley takes rough ground in its stride with its fail-safe wheels (except for portable design)
- Chassis made of stainless steel (except for portable design)
- Integrated hose drum with foldable crank (at ord. no. 41,170 2, 41,182 2, 41,173 3, 41,186 2, 41,187 2)
- Dirtkiller lance with stainless steel pipe (Profi-Jet B 10/200), stainless steel lance with regulating nozzle
- Storage for trigger gun with safety catch with lance (except for portable design)
- Service-friendly Honda engine
- Automatic speed control (Ord. no. 41,173, 41,173 3, 41,186 1, 41,186 2, 41,187 1, 41,187 2)



Portable design



With stainless steel trolley,
without hose drum

With stainless steel trolley, hose drum and speed control



Technical specifications	Profi-Jet B 13/150	Profi-Jet B 10/200	Profi-Jet B 16/220	Profi-Jet B 20/220	Profi-Jet B 16/250
Ord. no. portable	41,170	41,182	-	-	-
Ord. no. with stainless steel trolley	41,170 1	41,182 1	41,173 2	41,187	41,186
Ord. no. with stainless steel trolley, hose drum	41,170 2	41,182 2	-	-	-
Ord. no. with stainless steel trolley, speed control	-	-	41,173	41,187 1	41,186 1
Ord. no. with stainless steel trolley, speed control, hose drum	-	-	41,173 3	41,187 2	41,186 2
Operating pressure, continuously adjustable	30-150 bar / 3-15 MPa	30-200 bar / 3-20 MPa	30-200 bar / 3-20 MPa	30-200 bar / 3-20 MPa	30-230 bar / 3-23 MPa
Max. admissible overpressure	170 bar / 17 MPa	220 bar / 22 MPa	220 bar / 22 MPa	220 bar / 22 MPa	250 bar / 25 MPa
Water output	13 l/min (780 l/h)	10 l/min (600 l/h)	16 l/min (960 l/h)	20 l/min (1.200 l/h)	16 l/min (960 l/h)
Motor	petrol motor Honda GX160	petrol motor Honda GX200	petrol motor Honda GX340	petrol motor Honda GX390	petrol motor Honda GX390
Weight (portable design or with stainless steel trolley)	33 kg	35 kg	64 kg	64 kg	64 kg

Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 8 for:					
■ portable	10 m (41,081)	10 m (41,081)	-	-	-
■ with stainless steel trolley	10 m (41,081)	10 m (41,081)	10 m (41,081)	10 m (41,081)	10 m (41,081)
■ with stainless steel trolley, hose drum	20 m (41,083)	20 m (41,083)	-	-	-
■ with stainless steel trolley, speed control	-	-	10 m (41,081)	10 m (41,081)	10 m (41,081)
■ with stainless steel trolley, speed control, hose drum	-	-	20 m (41,083)	20 m (41,083)	20 m (41,083)
Tigger gun with safety catch	M2000 (12,480)	M2000 (12,480)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)
Dirtkiller lance with stainless steel pipe	-	(41,570-03)	-	-	-
Stainless steel lance with regulating nozzle	(12,395-D2505)	(41,156 8-03) Vario-Jet	(12,395-D2505)	(12,395-D2507)	(12,395-D25045)
Water intake filter	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

Independent and powerful

The complete kit for cleaning anywhere

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Integrated hose drum with foldable crank
- Turbokiller lance with stainless steel pipe, stainless steel lance with regulating nozzle
- Storages for trigger gun with safety catch and lances
- Large exhaust protection cover
- Shock absorbing buffers, front and rear
- Automatic speed control (except for B 170 T and B 200 T)
- Parking brake





Technical specifications	B 170 T	B 200 T	B 230 T	B 240 T	B 270 T
Ord. no.	41,190 1	41,191 1	41,194 1	41,192 1	41,193 1
Operating pressure, continuously adjustable	30-150 bar / 3-15 MPa	30-180 bar / 3-18 MPa	30-200 bar / 3-20 MPa	30-220 bar / 3-22 MPa	30-240 bar / 3-24 MPa
Max. admissible overpressure	170 bar / 17 MPa	200 bar / 20 MPa	230 bar / 23 MPa	240 bar / 24 MPa	270 bar / 27 MPa
Water output	12,5 l/min (750 l/h)	12,5 l/min (750 l/h)	20 l/min (1.200 l/h)	16 l/min (960 l/h)	16 l/min (960 l/h)
Motor	petrol motor Honda GX160	petrol motor Honda GX200	petrol motor Honda GX390	petrol motor Honda GX340	petrol motor Honda GX390
Weight	68 kg	68 kg	93 kg	93 kg	93 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 20 m NW 8	(41,083)	(41,083)	(41,083)	(41,083)	(41,083)
Tigger gun with safety catch	M2000 (12,489)	M2000 (12,489)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)
Turbokiller lance with stainless steel pipe	(41,580-05)	(41,072 3)	(41,072 7)	(41,580-05)	(41,072 3)
Stainless steel lance with regulating nozzle	(12,395-D2505)	(12,395-D25045)	(12,395-D2507)	(12,395-D2505)	(12,395-D25045)
Water intake filter	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

Quality made in Germany:

Kränzle-therm sets new standards with its technical benefits!

The Kränzle therm hot water high-pressure cleaners combine a number of technical innovations by Kränzle that contribute to reliable operation, safety of the equipment and not least operating and servicing.

The Kränzle therm cleaners are extremely safe to operate, kind to the environment, clean and quiet. The Kränzle therm high-pressure cleaners represent the state-of-the-art in equipment and safety.

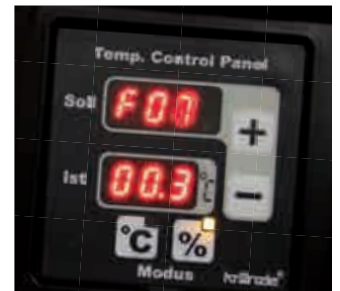
Visual flame monitoring

The oil-heated Kränzle therm cleaners (except for therm CA) are equipped with an optical flame monitoring device. A photocell is located right above the combustion chamber and connected to the central control electronics. If the photocell does not detect a flame, the fuel supply is cut off. This prevents a dangerous build up of unburnt fuel inside the burner. An error message appears in the thermostat display (except for therm C/CA).



Operating hours meter

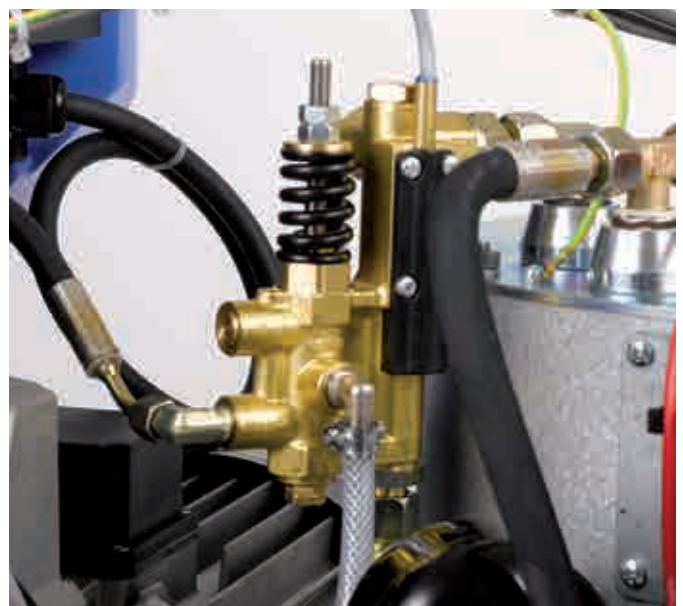
In the digital thermostats of the Kränzle therm hot water high-pressure cleaners (except for therm CA/C) an operating hours counter is integrated. When both the °C button and the % button are pressed for more than 2 seconds, the respective number of operating hours of the pump and of the burner will be displayed one after the other for approx. 5 seconds which, for example, helps to facilitate determining service intervals.



Safety devices

- A pressure control valve for continuously-variable adjustment of water quantity and pressure. This valve also allows for a pressureless by-pass operation.
- A safety valve protecting the machine against excessive overpressure.
- An integrated flow monitor device switches the burner off if the water flow is too low, thus preventing the combustion chamber from overheating.
- A pressure monitoring device only allows the burner to operate if there is sufficient pressure.
- An additional device switches the machine to stand-by 30 seconds after the trigger gun with safety catch is released (except for therm CA).
- A thermal overload switches off the high-pressure cleaner in case of excessive power consumption.

Existing Kränzle components have proven their worth through generations of use across our machines. When improvements and advancements in technology become available, the new Kränzle components introduced excel our high standards.





Adjustable burner performance

All Kränzle therms (except for therm CA/C) are equipped with a digital thermostat which now allows for 2 modes of operation.

Operation mode 1: Thermostat regulation °C

The target temperature in °C can be adjusted by pressing the buttons (+ -). The thermostat measures the water temperature at the heating coil outlet and causes the burner to either switch on or off in accordance with the operators settings. The outlet water temperature is displayed in °C.

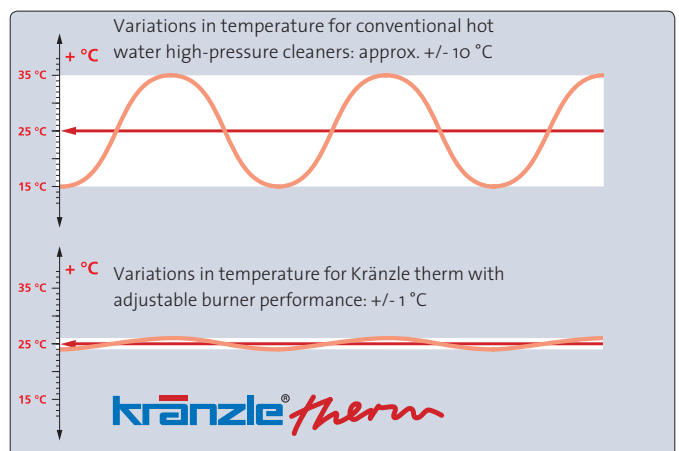
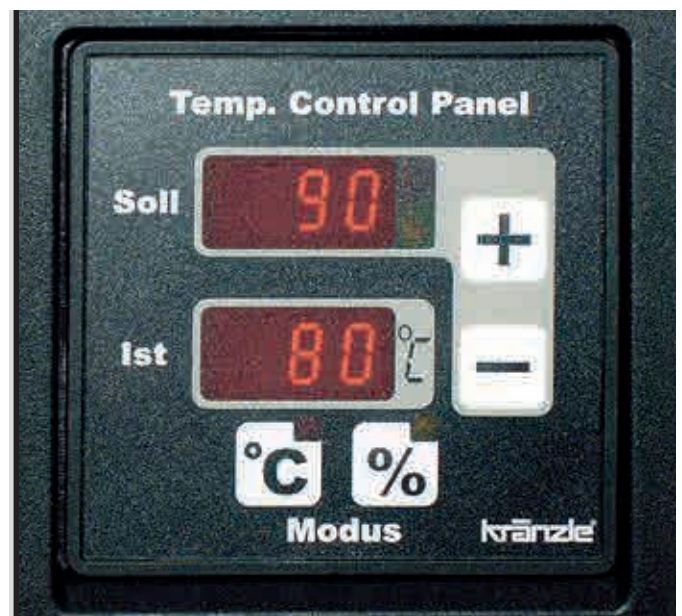
Operation mode 2: Burner output %

Press buttons (+ -) to adjust the amount of time the burner will operate as a percentage. The burner will be switched on and off in accordance with this value.

The actual water temperature is measured at the heating coil outlet and displayed in °C. The temperature can be raised by increasing the percentage of the time that the burner is operating, or lowered by reducing the percentage.

Once the correct percentage is established, mode 2 has an advantage over mode 1 in that temperatures can be accurately kept at + or - 1°C. This can even be achieved with reduced water quantities and at low temperatures, ideal for example, when washing livestock. All the settings are saved in the thermostat's memory and are applied when the machine is next used.

The models of the therm C/CA series are equipped with an analogue rotary thermostat (control range 30° C – 155° C).



Oil-heated, compact and high-performing

The therm CA series

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Integrated hose drum with foldable crank (option)
- 7.5 m power lead with cable reel (CA 11/130: 5 m)
- One piece trigger gun with safety catch M2000 and lance with flat jet nozzle and flat jet nozzle
- Storage for trigger gun with safety catch and lance
- Shock absorbing buffers, front and rear
- Total-Stop system
- Water flow monitoring
- Pre-aeration of combustion chamber
- High pressure detergent
- Parking brake



therm CA with hose drum



therm CA without hose drum



Technical specifications	therm CA 11/130	therm CA 12/150	therm CA 15/120
Ord. no. without hose drum	41,460	41,461	41,462
Ord. no. with hose drum	41,460 1	41,461 1	41,462 1
Operating pressure, continuously adjustable	30-130 bar / 3-13 MPa	30-150 bar / 3-15 MPa	30-120 bar / 3-12 MPa
Max. admissible overpressure	145 bar / 14.5 MPa	170 bar / 17 MPa	135 bar / 13.5 MPa
Water output	11 l/min (660 l/h)	12 l/min (720 l/h)	15 l/min (900 l/h)
Hot water output temperature (water supply 12 °C) continuously adjustable	12 - 82 °C	12 - 80 °C	12 - 80 °C
Steam level	max. 140 °C	max. 140 °C	max. 150 °C
Heating output	55 kW	58 kW	65 kW
Fuel tank capacity monitoring	25 l	25 l	25 l
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	230 V, 15.0 A, 50 Hz	400 V, 7.2 A, 50 Hz	400 V, 7.2 A, 50 Hz
Power intake / Power output	3.4 kW / 2.3 kW	3.8 kW / 3.0 kW	3.8 kW / 3.0 kW
Weight with hose drum	171 kg	172 kg	181 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 8, without hose drum	10 m (44,878)	10 m (44,878)	10 m (44,878)
Steel braided high-pressure hose, NW 8, with hose drum	15 m (44,879)	15 m (44,879)	15 m (44,879)
One piece trigger gun with safety catch M2000 with lance and flat jet nozzle	(12,486-D25045)	(12,486-D25045)	(12,486-D2507)
Water inlet filter	(13,310)	(13,310)	(13,310)

Oil-heated, compact and high-performing

The therm C series

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Integrated hose drum with foldable crank (option)
- 7.5 m power lead with cable reel (CA 11/130: 5 m)
- One piece trigger gun with safety catch M2000 and lance with flat jet nozzle and lance with flat jet nozzle
- Storage for trigger gun with safety catch and lance
- Shock absorbing buffers, front and rear
- Total-Stop system
- Water flow monitoring
- Pre-aeration of combustion chamber
- High pressure detergent
- Parking brake



therm CA with hose drum



therm CA without hose drum



Technical specifications	therm C 11/130	therm C 13/180	therm C 15/150
Ord. no. without hose drum	41,442	41,441	41,440
Ord. no. with hose drum	41,442 1	41,441 1	41,440 1
Operating pressure, continuously adjustable	30-130 bar / 3-13 MPa	30-180 bar / 3-18 MPa	30-150 bar / 3-15 MPa
Max. admissible overpressure	145 bar / 14.5 MPa	200 bar / 20 MPa	170 bar / 17 MPa
Water output	11 l/min (660 l/h)	13 l/min (780 l/h)	15 l/min (900 l/h)
Hot water output temperature (water supply 12 °C) continuously adjustable	12 - 80 °C	12 - 80 °C	12 - 80 °C
Steam level	max. 140 °C	max. 150 °C	max. 150 °C
Heating output	55 kW	60 kW	65 kW
Fuel tank capacity monitoring	25 l	25 l	25 l
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	230 V, 15.0 A, 50 Hz	400 V, 8.7 A, 50 Hz	400 V, 8.7 A, 50 Hz
Power intake / Power output	3.4 kW / 2.3 kW	4.8 kW / 4.0 kW	4.8 kW / 4.0 kW
Weight with hose drum	179 kg	179 kg	179 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 8	10 m (44,878)	10 m (44,878)	10 m (44,878)
Steel braided high-pressure hose, NW 8	15 m (44,879)	15 m (44,879)	15 m (44,879)
One piece trigger gun with safety catch M2000 with lance and flat jet nozzle	(12,486-D25045)	(12,486-D25045)	(12,486-D25055)
Water inlet filter	(13,310)	(13,310)	(13,310)

Oil-heated and fully equipped for maximum demand

The therm-1 series

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Integrated hose drum with foldable crank (option)
- 7.5 m power lead with cable reel (therm 635-1: 5 m)
- Stainless steel lance with flat jet nozzle
- Storage for trigger gun with safety catch and lance
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Water flow monitoring
- Pre-aeration of combustion chamber
- Visual flame monitoring
- Safety thermostat triggers at emission temperatures above 230°
- 4-way safety system with overload protection
- Low fuel cut off for burner
- Operating hours meter
- High pressure detergent
- Parking brake
- Percentage mode



therm-1 with hose drum



therm-1
without hose drum



Technical specifications	therm 635-1	therm 875-1	therm 895-1	therm 1165-1	therm 1525-1
Ord. no. without hose drum	41,349	41,342	41,352	41,353	41,348
Ord. no. with hose drum	41,349 1	41,342 1	41,352 1	41,353 1	41,348 1
Operating pressure, continuously adjustable	30-130 bar / 3-13 MPa	30-175 bar / 3-17.5 MPa	30-195 bar / 3-19.5 MPa	30-165 bar / 3-16.5 MPa	30-125 bar / 3-12.5 MPa
Max. admissible overpressure	145 bar / 14.5 Mpa	190 bar / 19 MPa	215 bar / 21.5 MPa	180 bar / 18 MPa	140 bar / 14 MPa
Water output	10.6 l/min (635 l/h)	14.6 l/min (875 l/h)	14.9 l/min (895 l/h)	19.4 l/min (1,165 l/h)	25 l/min (1,500 l/h)
Hot water output temp. (water supply 12 °C) continuously adjustable	12 - 89 °C	12 - 87 °C	12 - 86 °C	12 - 82 °C	12 - 65 °C
Steam level	max. 145 °C	max. 155 °C	max. 155 °C	max. 155 °C	max. 140 °C
Heating output	55 kW	60 kW	65 kW	78 kW	84 kW
Fuel tank capacity monitoring	35 l	35 l	35 l	35 l	35 l
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	230 V, 15 A, 50 Hz	400 V, 8.7 A, 50 Hz	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz
Power intake / Power output	3.4 kW / 2.3 kW	4.8 kW / 4.0 kW	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW
Weight with hose drum	218 kg	218 kg	223 kg	223 kg	228 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 8, without hose drum	10 m (41,081)	10 m (41,081)	10 m (41,081)	10 m (41,081)	10 m (41,081)
Steel braided high-pressure hose, NW 8, with hose drum	20 m (44,381 2)	20 m (44,381 2)	20 m (44,381 2)	20 m (44,381 2)	20 m (44,381 2)
Trigger gun with safety catch Starlet	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
Stainless steel lance with flat jet nozzle	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D2507)	(12,392 2-M20125)
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

Electrically heated Power

The therm E-M series

- Integrated trolley takes rough ground in its stride with large wheels with wide solid rubber tyres
- Integrated hose drum with foldable crank (option)
- 7.5 m power lead
- Stainless steel lance with flat jet nozzle
- Storage for trigger gun with safety catch and lance
- Electrical flow heater
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Water flow monitoring
- 4-way safety system with overload protection
- Operating hours meter
- High pressure detergent
- Parking brake
- Instant hot water use with no pre-heating required



therm E-M with hose drum



therm E-M
without hose drum



Technical specifications	therm 602 E-M 18	therm 602 E-M 24	therm 602 E-M 36	therm 872 E-M 48
Ord. no. E-M without hose drum	41,360	41,361	41,362	41,363
Ord. no. E-M with hose drum	41,360 1	41,361 1	41,362 1	41,363 1
Operating pressure, continuously adjustable - nozzle size 25045 ●	30-100 bar / 3-10 MPa	30-100 bar / 3-10 MPa	30-100 bar / 3-10 MPa	30-170 bar / 3-17 MPa
Operating pressure, continuously adjustable - nozzle size 2503 ○	30-160 bar / 3-16 MPa	30-160 bar / 3-16 MPa	30-160 bar / 3-16 MPa	-
Water output - nozzle size 25045 ●	10 l/min (600 l/h)	10 l/min (600 l/h)	10 l/min (600 l/h)	14.5 l/min (870 l/h)
Water output - nozzle size 2503 ○	8.6 l/min (516 l/h)	8.6 l/min (516 l/h)	8.6 l/min (516 l/h)	-
Hot water output temp. (water supply 12 °C) continuously adjustable - nozzle size 25045 ●	38 °C	47 °C	64 °C	60 °C
Hot water output temp. (water supply 12 °C) continuously adjustable - nozzle size 2503 ○	42 °C	52 °C	72 °C	-
Heating output	18 kW	24 kW	36 kW	48 kW
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	400 V, 32.6 A, 50 Hz	400 V, 41.2 A, 50 Hz	400 V, 58.6 A, 50 Hz	400 V, 80 A, 50 Hz
Wattage / fuse	20.6 kW / 50 A	26.6 kW / 63 A	38.6 kW / 80 A	53.5 kW / 80 A
Weight E-M with hose drum	178 kg	178 kg	178 kg	178 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 8 without hose drum	10 m (41,081)	10 m (41,081)	10 m (41,081)	10 m (41,081)
Steel braided high-pressure hose, NW 8 with hose drum	20 m (44,381 2)	20 m (44,381 2)	20 m (44,381 2)	20 m (44,381 2)
Trigger gun with safety catch Starlet	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
Stainless steel lance with flat jet nozzle	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)

Please specify nozzle size or working pressure when ordering.

Stationary solutions with beautifully shaped design

The stationary cold water W series

- Housing made of stainless steel
- Coin checking device and remote control for various cleaning programs (option)
- 7,5 m power lead (W 11/135: 5 m)
- Stainless steel lance with regulating nozzle
- Optionally available with flow monitor and direct connection to the water mains (2 - 8 bar) without water tank or with water tank and connection of water mains (2 - 5 bar) to water tank
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Detergent options available (except W 11/135, W 19/180)
- Automatic hose reel for up to 28 m steel braided high-pressure hose (option)



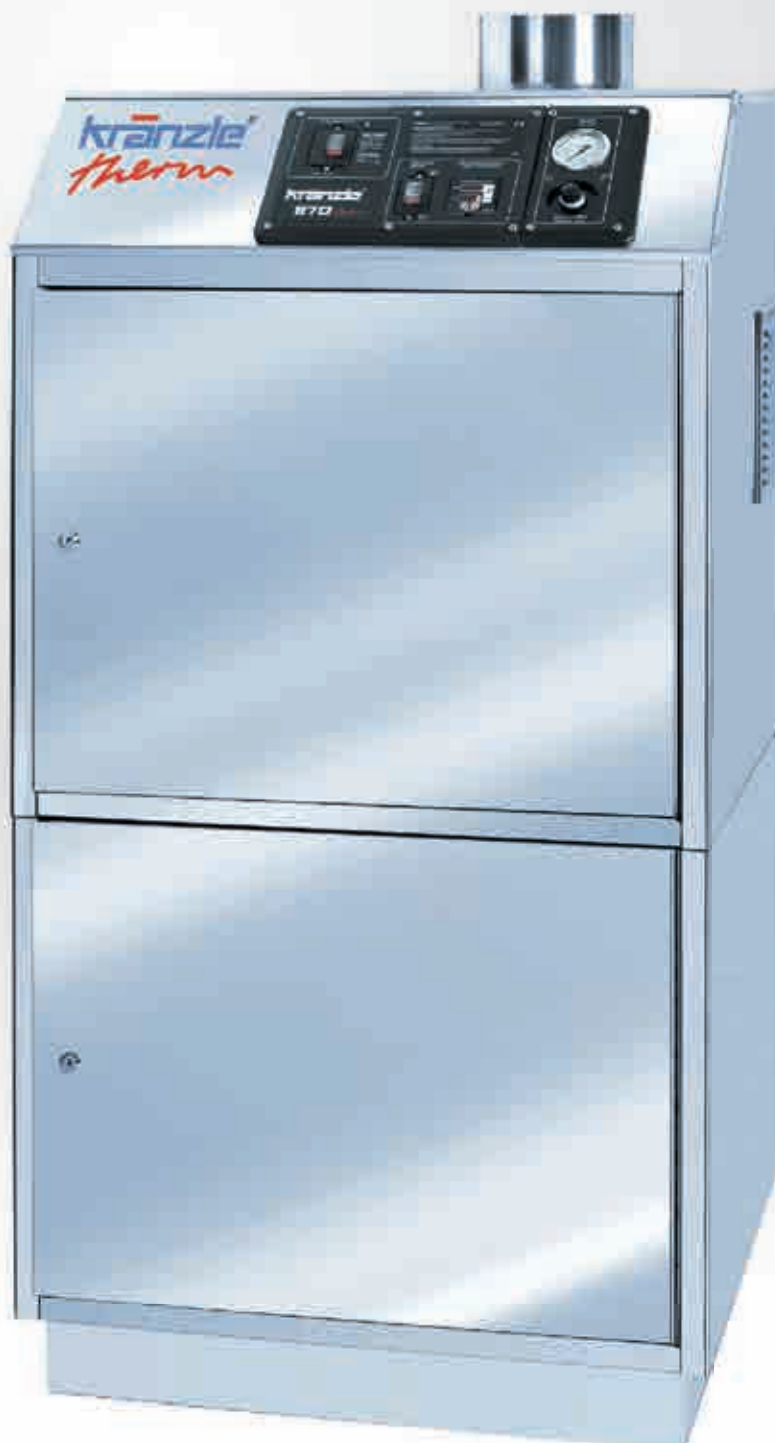


Technical specifications	W 11/135	W 13/250	W 15/220	W 19/180
Ord. no. with flow monitor	41,312	41,308	41,309	41,310
Ord. no. with water tank	41,312 1	41,308 1	41,309 1	41,310 1
Operating pressure, continuously adjustable	30-135 bar / 3-13.5 MPa	30-250 bar / 3-25 MPa	30-220 bar / 3-22 MPa	30-180 bar / 3-18 MPa
Max. admissible overpressure	150 bar / 15 MPa	270 bar / 27 MPa	250 bar / 25 MPa	200 bar / 20 MPa
Water output	11 l/min (660 l/h)	13 l/min (780 l/h)	15 l/min (900 l/h)	19 l/min (1,140 l/h)
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	230 V, 14 A, 50 Hz	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz
Power intake / Power output	3.3 kW / 2.4 kW	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW
Weight	60 kg	80 kg	80 kg	80 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 10 m NW 8	(41,081)	(41,081)	(41,081)	(41,081)
Trigger gun with safety catch Starlet	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
Stainless steel lance with regulating nozzle	(12,701-M20042)	(12,395-D2504)	(12,395-D2505)	(12,395-D2507)
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)

Elegance from stainless steel with mature technology

The stationary hot water series therm ST

- Housing made of stainless steel
- Coin checking device and remote control for various cleaning programs (option)
- 7,5 m power lead
- Stainless steel lance with flat jet nozzle
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Water flow monitoring
- Pre-aeration of combustion chamber
- Visual flame monitoring
- Safety thermostat triggers at emission temperatures above 230°
- 4-way safety system with overload protection
- Low fuel cut off for burner
- Operating hours meter
- Switch for cleaning agent pump
- Exhaust gas chimney Ø 200 mm
- High pressure detergent
- Automatic hose reel for up to 28 m steel braided high-pressure hose (option)
- Percentage mode




Technical specifications

	therm 895 ST	therm 1165 ST
Ord. no.	41,352 5	41,353 5
Operating pressure, continuously adjustable	30-195 bar / 3-19.5 MPa	30-165 bar / 3-16.5 MPa
Max. admissible overpressure	215 bar / 21.5 MPa	180 bar / 18 MPa
Water output	14.9 l/min (895 l/h)	19.4 l/min (1,165 l/h)
Hot water output temp. (water supply 12 °C) continuously adjustable	12 - 86 °C	12 - 82 °C
Steam level	max. 155 °C	max. 155 °C
Heating output	65 kW	78 kW
Fuel tank capacity monitoring	25 l	25 l
Motor speed	1,400 rpm	1,400 rpm
Connected load	400 V, 12 A, 50 Hz	400 V, 12 A, 50 Hz
Power intake / Power output	7.5 kW / 5.5 kW	7.5 kW / 5.5 kW
Weight	235 kg	240 kg

Features & Equipment

	Ord. no.	Ord. no.
Steel braided high-pressure hose, 10 m NW 8	(41,081)	(41,081)
Trigger gun with safety catch Starlet	(12,320 2)	(12,320 2)
Stainless steel lance with flat jet nozzle	(12,392 2-D25045)	(12,392 2-D2507)
Water inlet filter	(13,310)	(13,310)

Electrically heated Power

The stationary hot water series therm E-ST

- Housing made of stainless steel
- Coin checking device and remote control for various cleaning programs (option)
- 3 m power lead without plug
- Stainless steel lance with flat jet nozzle
- Electrical flow heater
- Total-Stop system with delayed motor cut-out
- Additional electrical over-current protection
- Water flow monitoring
- 4-way safety system with overload protection
- Operating hours meter
- High pressure detergent
- Automatic hose reel for up to 28 m steel braided high-pressure hose (option)
- Instant hot water use with no pre-heating required





Technical specifications	therm 601 E-ST 18	therm 601 E-ST 24	therm 601 E-ST 36	therm 871 E-ST 48	therm 891 E-ST 48
Ord. no.	41,358 5	41,358 6	41,358 7	41,358 9	41,358 8
Operating pressure, continuously adjustable - nozzle size 25045 ●	30-100 bar / 3-10 MPa	30-100 bar / 3-10 MPa	30-100 bar / 3-10 MPa	30-170 bar / 3-17 MPa	30-220 bar / 3-22 MPa
Operating pressure, continuously adjustable - nozzle size 2503 ○	30-160 bar / 3-16 MPa	30-160 bar / 3-16 MPa	30-160 bar / 3-16 MPa	-	-
Water output - nozzle size 25045 ●	10 l/min (600 l/h)	10 l/min (600 l/h)	10 l/min (600 l/h)	14.5 l/min (870 l/h)	15 l/min (900 l/h)
Water output - nozzle size 2503 ○	8.6 l/min (516 l/h)	8.6 l/min (516 l/h)	8.6 l/min (516 l/h)	-	-
Hot water output temp. (water supply 12 °C) continuously adjustable - nozzle size 25045 ●	38 °C	47 °C	64 °C	60 °C	58 °C
Hot water output temp. (water supply 12 °C) continuously adjustable - nozzle size 2503 ○	42 °C	52 °C	72 °C	-	-
Heating output	18 kW	24 kW	36 kW	48 kW	48 kW
Motor speed	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm	1,400 rpm
Connected load	400 V, 32.6 A, 50 Hz	400 V, 41.2 A, 50 Hz	400 V, 58.6 A, 50 Hz	400 V, 75 A, 50 Hz	400 V, 81 A, 50 Hz
Wattage / fuse	20.6 kW / 50 A	26.6 kW / 63 A	38.6 kW / 80 A	54 kW / 80 A	56 kW / 100 A
Weight	130 kg	130 kg	140 kg	140 kg	140 kg
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Steel braided high-pressure hose, 10 m NW 8	(41,081)	(41,081)	(41,081)	(41,081)	(41,081)
Trigger gun with safety catch Starlet	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
Stainless steel lance with flat jet nozzle	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

Please specify nozzle size or working pressure when ordering.

Quality made in Germany:

Kränzle-Ventos wet and dry vacuum cleaners impress all with high performance and technical features!

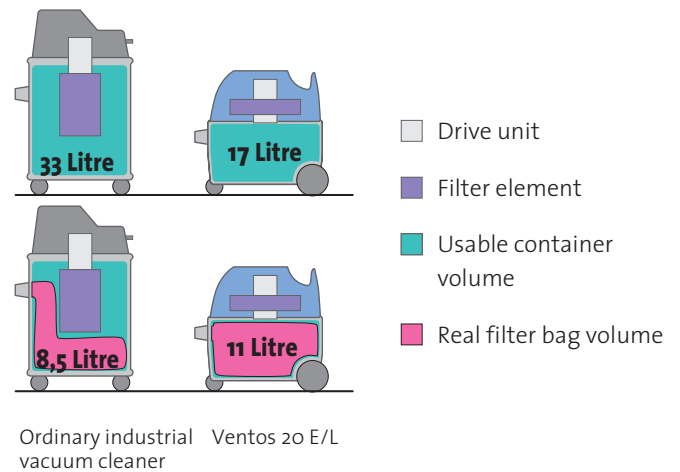
The wet and dry vacuum cleaners Kränzle-Ventos are the best example of the innovative power of Kränzle. The thought-through construction principle not only maximises space for use with a filter bag, but also offers best function, suction power and stability with its many technical details.

This takes care of cleaning in industry, crafts, home and yard professionally.

Maximum usable volume for dry vacuuming

The cutting-edge construction processes maximise the available container capacity for using a filter bag.

The bag can use much more of the space inside the container compared to the filter bags of similar models.



Electrical power tool socket with power-up and cut-out delay

The power tool electrical socket enables the direct connection of power tools that have an extraction feature. The switch-on delay causes the vacuum to start after the electric power tool, so preventing current peaks and possible tripping of the fuse during the starting process. The delayed cut-out allows the residual dust to be sucked out of the suction hose. The work area and hose are always left clean when the work is completed.



Electronically adjustable vacuum power control

The suction power control allows the suction to be adjusted to the required level. This makes it impossible for nozzles or power tools to “stick” to smooth surfaces due to too much suction.





Filter elements made of PES fibrous web / Electronic level monitor

The filter elements are dirt-repelling, washable and extremely durable. They can be replaced easily without tools. Water extraction is possible without replacing the main filter cartridge. When sucking in liquids 2 electrodes switch off the turbine automatically as soon as the maximum liquid level is reached.



Exhaust air ventilation connection

Ventos wet and dry vacuum cleaners come fitted with a connection fitting suitable for blowing either air or water. The blow feature automatically starts when a hose is connected to the back connection, working singularly or in serial with your suction hose.



Accessories storage

The back of the casing is designed as useful storage for accessories. The accessories can be carried on-board and are always to hand for quick and easy exchange.



Extremely movable and remarkably stable

Due to the compact and rounded design the new Ventos generation can be easily and conveniently carried and moved even on staircases and scaffoldings. The compact structure with its low centre of gravity guarantees a firm foothold even on rough surfaces and during transport in vehicles.



Compact, agile and high-performing

The Kränzle Ventos wet and dry vacuum cleaners

- Folding ergonomically shaped carrying handle
- Large wheels with rigid steel axle
- Power tool electrical socket with switch-on and cut-out delay
- Electronic suction power control
- 7.5 m rubber-coated power lead with cable reel
- Exhaust air ventilation connection
- Cut-out electrodes
- Useful storage board for standard accessories




Technical specifications

	Ventos 20 E/L	Ventos 30 E/L
Ord. no.	58,391 0	58,393 0
Connected load	230 V, 50/60 Hz	230 V, 50/60 Hz
Power intake / Appliance socket	400 - 1200 W / 2400 W	400 - 1200 W / 2400 W
Fuse	16 A	16 A
Volume flow max. (turbine)	3,700 l/min	3,700 l/min
Vacuum max. (turbine)	24,000 Pa, 240 mbar	24,000 Pa, 240 mbar
Sound pressure level	72 dB (A)	72 dB (A)
Container volume	17 l	32 l
Max. filling volume when vacuuming water	ca. 6 l	ca. 17 l
Protection type	IP x 4	IP x 4
Dust classification	L	L
Weight without accessories	9.4 kg	9.9 kg
Dimensions (L x W x H) in mm	485 x 380 x 445	485 x 380 x 550

Features & Equipment

	Ord. no.	Ord. no.
Suction hose Ø 36 mm x 3,5 m	(45,281 9)	(45,281 9)
Floor nozzle, with separate rubber lips for wet vacuum cleaning	(58,402 1)	(58,402 1)
2 extensions 500 mm each, stainless steel	(58,403 0)	(58,403 0)
Main filter cartridge made of PES fibrous web	(45,440 3)	(45,440 3)
1 dust bag	(45,440 0) 5 pcs.	(45,440 1) 5 pcs.
Hand pipe, angled	(58,402 9)	(58,402 9)
Flat nozzle 300 mm	(58,402 3)	(58,402 3)
Upholstery nozzle	(58,400 9)	(58,400 9)
Suction brush	(58,400 8)	(58,400 8)

Perfect cleanliness with the all-rounder

The Kränzle 2 + 2

- Working width 800 mm
- Counter-rotating side brushes sweep debris to centre
- Storage bin and housing made of impact-proof plastic
- 40 l storage bin
- Extra large wheels with natural rubber tyres for optimum transmission of driving force
- Ventilation slits on both sides with dust filters
- Side brushes and roller brushes made of extremely abrasion-proof nylon
- Continuously height adjustable side brushes
- Space-saving storage due to foldable handle



Double-roller hasp principle





Technical specifications

Ord. no.	50,076
Working width	800 mm
Volume storage bin	40 l
Weight	16 kg

The Profi - not only for home and yard

The Kränzle 1 + 1

- Working width 670 mm
- Storage bin and housing made of impact-proof plastic
- Housing made of die-casted aluminium
- 40 l storage bin
- Extra large wheels with natural rubber tyres for optimum transmission of driving force
- Rotating side brush
- Feeder brushes and roller brushes made of extremely abrasion-proof nylon
- Continuously adjustable locking side brush and roller brush



Dustpan principle





Technical specifications

Ord. no.	50,077
Working width	670 mm
Volume storage bin	40 l
Weight	24 kg

Practical and diverse

Accessories for high-pressure cleaners



Effective cleaning without splashing water

Floor cleaner

Round Cleaner UFO short Ø 300 mm



- Light-weight design
- min. 10 l/min
- max. 12 l/min
- max. 180 bar (18 MPa)
- max. 60 °C

Nozzle system 045
Ord. no. 41,855

Round Cleaner UFO long Ø 300 mm



- Light-weight design
- min. 10 l/min
- max. 12 l/min
- max. 180 bar (18 MPa)
- max. 60 °

Nozzle system 045
Ord. no. 41,850

Round Cleaner UFO long stainless steel Ø 350 mm



- Stainless steel
- min. 10 l/min
- max. 15 l/min
- max. 210 bar (21 MPa)
- max. 60 °C

Nozzle system 055
Ord. no. 41,860

Round Cleaner stainless steel Ø 300 mm



- stainless steel
- min. 10 l/min
- max. 15 l/min
- max. 250 bar (25 MPa)
- max. 60 °C

Nozzle system 055 as standard
Ord. no. 41,105

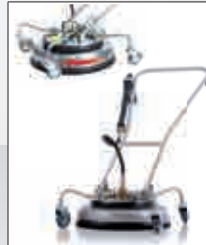
Round Cleaner stainless steel Ø 420 mm



- Stainless steel
- min. 10 l/min
- max. 19 l/min
- max. 250 bar (25 MPa)
- max. 60 °C

Nozzle system 055 as standard
Ord. no. 41,106

Brush Round Cleaner stainless steel Ø 420 mm



- Stainless steel
- with engageable rotating brush
- min. 10 l/min
- max. 19 l/min
- max. 250 bar (25 MPa)
- max. 60 °C

Nozzle system 055 as standard
Ord. no. 41,109

Round Cleaner stainless steel Ø 520 mm



- Stainless steel
- min. 10 l/min
- max. 19 l/min
- max. 250 bar (25 MPa)
- max. 60 °C

Nozzle system 055 as standard
Ord. no. 41,107

**For high-pressure cleaners with a water output of at least 10 l/min.
Please indicate the technical data of the high-pressure cleaner (device type)
when placing your order.**



Not only for the home and garden

Pipe cleaning, sand-blasting, suction sets



Pipe cleaning hoses with nozzle



- DN 5
- min. 10 l/min
- max. 19 l/min
- min. 120 bar (12 MPa)
- max. 200 bar (20 MPa)
- max. 60 °C

Option:
Ball head nozzle (KK) or rotating pipe cleaning nozzle (KNR) available against surcharge together with reducing ring ord.no. 12.021.

10 m	Ord. no. 41.058 1
15 m	Ord. no. 41.058
20 m	Ord. no. 41.058 2
25 m	Ord. no. 41.058 3
30 m	Ord. no. 41.058 4

Nozzle size KN 055 as standard

Universal wall bracket for accessories „Butler“



Supplied without accessories

Ord. no. 41,262

Sand-blasting injector



- min. 10 l/min
- max. 19 l/min
- min. 120 bar (12 MPa)
- max. 250 bar (25 MPa)
- for blasting material from 0.2 - 2 mm grain

Nozzle size D00055

Ord. no. 41,068

**For high-pressure cleaners with a water output of at least 10 l/min.
Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.**



Sludge sucker



- min. 10 l/min
- max. 20 l/min
- min. 120 bar (12 MPa)
- max. 250 bar (25 MPa)
- max. 60 °C
- max. suction high 3 m
- Hose length 3,5 m
- Suction power 10,000 l/h at approx. 130 bar (13 MPa)
17,500 l/h at approx. 220 bar (22 MPa)

Nozzle size M20055 as standard

Ord. no. 41,104

Sludge sucker stainless steel



- min. 10 l/min
- max. 20 l/min
- min. 120 bar (12 MPa)
- max. 250 bar (25 MPa)
- max. 60 °C
- max. suction high 3 m
- Length 2
- Suction power 10,000 l/h at approx. 130 bar (13 MPa)
17,500 l/h at approx. 220 bar (22 MPa)

Nozzle size D00045 as standard

Sludge sucker stainless steel	Ord. no. 41,801
Attachment blue for pool cleaning	Ord. no. 41,802

Dust and water extraction set



- min. 10 l/min
- max. 20 l/min
- min. 120 bar (12 MPa)
- max. 250 bar (25 MPa)
- max. suction high 3 m
- Hose length 3 m
- Suction power 10,000 l/h at approx. 130 bar (13 MPa)
or 17,500 l/h at approx. 220 bar (22 MPa)

Nozzle size D00045 as standard

Ord. no. 41,096

Suction hose with suction filter



- with check valve
- Hose length 3 m
- As regards high pressure cleaners under 10 l/min, the hose needs to be shortened to 1.5 m

for self-priming high-pressure cleaners with 1.400 rpm
(observe suction height)

Ord. no. 15,038 3

**For high-pressure cleaners with a water output of at least 10 l/min.
Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.**

Our formula for efficient cleaning results: Spray on, let it soak in, spray off!

Detergent and foam injectors



Moss & Algae removal (concentrate)



- pH-value 7,0*
- Easily removes algae and moss, e.g. from house walls, walkway tiles, fences, plastic surfaces and wet room walls

1 l	Ord. no. 41,270
12 x 1 l	Ord. no. 41,299

Decalcifying (concentrate)



- pH-value 1,0*
- To decalcify hot and cold water high-pressure cleaners; as well as for removal of lime deposits in wet rooms and glass surfaces

1 l	Ord. no. 41,258 0
12 x 1 l	Ord. no. 41,257 0

Universal cleaner Alfa Neutral



- pH-value 10,9*
- Universal cleaner for removal of all strong contaminations at vehicles, construction and agricultural machines, industrial and hygiene rooms, in hotels, restaurants and in the food industry

5 l	Ord. no. 41,258 9
25 l	Ord. no. 41,258 8

Special cleaner Alfa Marine



- pH-value 13,5*
- Alkaline, self-active water-dilutable liquid cleaner to clean motors, chassis, construction and agricultural machines; especially suitable for fire damage repair

5 l	Ord. no. 41,258 4
25 l	Ord. no. 41,258 3

Foam cleaner Alfa Plus



- pH-value 13,2*
- Special product for cleaning and degreasing of, e.g., trucks, cars, caravans, buses and ships, in hygiene rooms and in the food industry

5 l	Ord. no. 41,270 0
25 l	Ord. no. 41,270 9

Important note:

When using chemical cleaning agents, always observe the respective hygienic regulations, safety notes and safety data sheets.

*pH-value: Values refer to the undiluted condition. We recommend performing a test before any application to see if the respective medium is suitable for the surface to be cleaned.



Foam injectors

- Adjustable dosage (5 settings)
- max. volume flow 12 l/min
- min. 70 bar (7 MPa)
- max. 250 bar (25 MPa)
- max. 80 °C

Nozzle size 1,25 as standard

Foam injector, M 22 male, 1 l	Ord. no. 13,390 1
Foam injector, M 22 male, 2 l	Ord. no. 13,390 2
Foam injector, plug-in nipple, 1 l	Ord. no. 13,391 1
Foam injector, plug-in nipple, 2 l	Ord. no. 13,391 2
Spare container 1 l	Ord. no. 13,392 1
Spare container 2 l	Ord. no. 13,392 2
Repair kit for O-rings	Ord. no. 13,393

Pressure sprayer CleanBoy 125

- Fill volume max. 1.25 l
- Working pressure max. 3 bar (0.3 MPa)
- Temperature of fill volume max. 30 °C
- With safety/pressure relief valve
- Adjustable hollow conical nozzle
- For application of liquid cleaning agent that do not attack the materials used (max. pH-value 14)

Pressure sprayer CleanBoy 125	Ord. no. 41,299 1
Sealing set for CleanBoy 125	Ord. no. 13,660
Valve diaphragm for CleanBoy 125	Ord. no. 13,661

Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Screw-in injectors

- with stainless steel lance and regulating nozzle

Nozzle 028	Ord. no. 13,376 7
Nozzle 042	Ord. no. 13,376 6

The right accessory for every task

Cleaning brushes, spray guard, water inlet filter



Cleaning brush, rotating



- Brush head Ø 180 mm
- 400 mm extension made of stainless steel
- min. 10 l/min
- max. 20 l/min
- max. 35 °C

Nozzle size 3,2 mm
Ord. no. 41,050 1

Spray guard for operating panel therm



- Ø bottom 220 mm

For all washing lances
Ord. no. 41,052

For high-pressure cleaners with a water output of at least 10 l/min. Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Cleaning brush, flat



- Brush head L 180 x B rear/front 65/40 mm
- max. 35 °C

Ord. no. 41,073

Spray guard



- Water outlet made of brass



- Water inlet and outlet made of brass

Inlet	Outlet	Ord. no.	Inlet	Outlet	Ord. no.
3/4" AG	3/4" IG	13,310	3/4" AG	3/4" IG	13,300 3

Cleaning brush, transverse



- Brush head L 240 x B 90 mm
- max. 35 °C
- Connection thread 1/4" IT

Ord. no. 41,0500

Water inlet filter 5"




- Water inlet and outlet made of brass
- For L-series, quadro big, therm-series

Inlet	Outlet	Ord. no.
3/4" IG	3/4" IG	13,320 0
3/4" AG	3/4" IG	13,320 2




Machines suitable for use in the food processing industry (surcharge)

 <ul style="list-style-type: none"> ■ Wheels with white tyre rubber ■ Steel braided high-pressure hose, grey-blue ■ Surcharge in connection with machine order ex works 	K 1152 TS T, K 2000 series	additional Ord. no. 30,004
	The Profi series	additional Ord. no. 30,013
	The small quadros	additional Ord. no. 30,003 1
	quadro 599 - 799 TS T	additional Ord. no. 30,010
	quadro 899 TS T, bully, therm CA/C	additional Ord. no. 30,010 1
	The big quadros, therm-1 series	additional Ord. no. 30,003


Construction kit for crane transport

 <ul style="list-style-type: none"> ■ Frame made of aluminium ■ Loadable up to max. 280 kg 	Ord. no. 44,298
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Adapter for chimney connection (exhaust pipe)

 <ul style="list-style-type: none"> ■ For attachments of oil-heated high-pressure cleaners in indoor rooms ■ Ø 200 mm ■ Suitable for all machines of the oil-heated therm-series 	Ord. no. 44,192
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Transmission oil

 <ul style="list-style-type: none"> ■ Fill volume 1 l ■ For more information on application, see product documentation 	<p>Transmission oil specifically for high-pressure pumps (AZ, AP, APG)</p> <p>High-performance transmission oil specifically for high-pressure pumps (AM, AQ)</p>
Ord. no. 40,092 2	Ord. no. 40,093 2





Two strong types for unlimited use

Trigger guns with safety catches





M2000

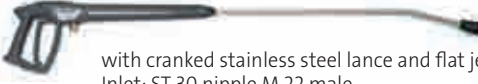



■ max. 30 l/min ■ max. 270 bar (27 MPa) ■ max. 150 °C

M2000, short design		Ord. no.
	Inlet: ST 30 nipple M 22 male Outlet: R 1/4" female	12,490
	Inlet: ST 30 nipple M 22 male Outlet: ST 30 screw connection M 22 female	12,491
	Inlet: ST 30 nipple M 22 male Outlet: Quick release coupling	12,492
	Inlet: R 3/8" female Outlet: R 1/4" female	12,493

M2000 with extension





M2000 with extension		Ord. no.
	Inlet: ST 30 nipple M 22 male Outlet: ST 30 screw connection M 22 female	12,480 12,489 (K 1132, B 170, B 200)
	Inlet: ST 30 nipple M 22 male Outlet: Quick release coupling	12,481

M2000, one piece design



M2000, one piece design		Ord. no.
	with cranked stainless steel lance and flat jet nozzle Inlet: ST 30 nipple M 22 male	
D25045 		12,486-D25045
D25055 		12,486-D25055
D2507 		12,486-D2507

Starlet





■ max. 40 l/min ■ max. 250 bar (25 MPa) ■ max. 150 °C

Starlet, short design		Ord. no.
	Inlet: ST 30 nipple M 22 male Outlet: R 1/4" female	12,326
	Inlet: ST 30 nipple M 22 male Outlet: ST 30 screw connection M 22 female	12,327 1
	Inlet: ST 30 nipple M 22 male Outlet: Quick release connection	12,327 2
	Inlet: R 3/8" female Outlet: R 1/4" female	12,320

Starlet with extension

Starlet with extension		Ord. no.
	Inlet: ST 30 nipple M 22 male Outlet: ST 30 screw connection M 22 female	12,320 2
	Inlet: ST 30 nipple M 22 male Outlet: Quick release coupling	12,328

Starlet, one piece design

Starlet, one piece design		Ord. no.
	with cranked stainless steel lance and flat jet nozzle Inlet: ST 30 nipple M 22 male	
D2507 		12,320 3-D2507
D2508 		12,320 3-D2508
M20125 		12,320 3-M20125

Please observe the information in the operating instructions of your high-pressure cleaner and indicate the device type when placing your order.

Repair kit M2000

Ord. no. 12,454

Repair kit Starlet

Ord. no. 12,299

O-rings for all Kränzle manual screw connections M 22

	Set of 10	Ord. no. 13,273 5
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	Set of 100	Ord. no. 13,273 6
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Top quality, always to hand at once

High-pressure hoses and hose drums

Steel braided high-pressure hoses standard design (black) and design for use in the food processing industry (grey-blue)

Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.



DN	Length m	bar (MPa)	SN	Inlet	Outlet	for model / series	Ord. no. standard design	Ord. no. utilisation in the food processing industry
6	10	210 (21)	1	M22 female	M22 female	-	43,416	43,416 2
6	15	210 (21)	1	M14 female	M22 female	K 1151 T, small quadro	40,170	40,170 1
6	15	210 (21)	1	Nipple, rotatable	M22 female	K 1152 TS T, K 2000	48,015	48,015 1
6	15	210 (21)	1	M22 female	M22 female	Profi series	43,829	43,829 1
6	20	210 (21)	1	M22 female	M22 female	-	43,416 1	43,416 3
8	1	400 (40)	2	M22 female	M22 female	Connection hose drum	41,265	-
8	2	220 (22)	1	M22 female	M22 female	Connection hose drum	41,265 1	-
8	10	220 (22)	1	M22 female	M22 female	-	44,878	-
8	15	220 (22)	1	M22 female	M22 female	-	44,879	-
8	10	400 (40)	2	M22 female	M22 female	-	41,081	41,081 1
8	15	400 (40)	2	M22 female	M22 female	-	-	41,082 1
8	20	400 (40)	2	M22 female	M22 female	therm-1 with drum	44,381 2	44,381 3
8	20	400 (40)	2	M22 female	M22 female	-	41,083	41,083 1
8	25	400 (40)	2	M22 female	M22 female	-	41,084	41,084 1
8	30	400 (40)	2	M22 female	M22 female	-	41,080	41,080 1
10	15	400 (40)	2	M22 female	M22 female	-	47,701	-
10	20	400 (40)	2	M22 female	M22 female	-	47,702	-
10	30	400 (40)	2	M22 female	M22 female	-	47,703	-
10	40	400 (40)	2	M22 female	M22 female	-	47,704	-
10	50	400 (40)	2	M22 female	M22 female	-	47,705	-
10	60	400 (40)	2	M22 female	M22 female	-	47,706	-

Hose drums (retrofit kits) including hose and connection hose



48,100 1



44,152 2

for model	Length m	bar (MPa)	Ord. no.
for K 2000 TS -series	15	210 (21)	48,100 1
for therm CA/C series	15	220 (22)	44,152 2
for therm-1 series	20	400 (40)	44,392 1
for Profi-Jet series	20	400 (40)	41,259 1

Automatic hose reel, wall bracket, hose drum without hose



41,259 7



41,260 2



47,750

Design stainless steel	for m	DN	Ord. no.
Automatic hose reel	20	8	41,259 7
Automatic hose reel	28	8	41,259 8
Wall bracket for automatic hose reel	20	-	41,260 1
Wall bracket for automatic hose reel	28	-	41,260 2
Hose drum (L series)	40	10	47,750
Hose drum (L series)	70	10	47,755

Hose joiner

■ M22 male



Ord. no. 13,286

Swivel coupling, rotatable

■ M22 female to M22 male



Ord. no. 13,360 2

Adapter, rotatable

■ M22, for hose drum 41.259 as of 07/2008



Ord. no. 13,250

Non-return valve

■ with anti-vacuum device



Ord. no. 41,016 4

Ball cock

■ ST30 screw connection M22 female



Ord. no. 13,291 2

The right lance and nozzle for every use

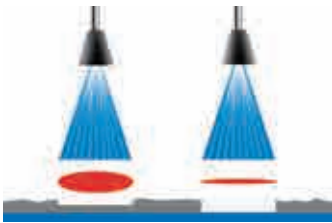
Stainless steel lances with flat jet nozzle/regulating nozzle



Vario-Jet lance



Lance with regulating nozzle



Nozzle comparison:

Left: normal flat jet nozzle

Right: the Kränzle knife-jet nozzle (M) with significantly narrower profile

The impact area of the high-pressure water jet is approx. three quarters narrower compared to conventional flat jet nozzles. Thus the same pressure takes effect on a quarter of the former impact area, leading to a 4 times bigger impact pressure and an enormously increased cleaning efficiency.

Stainless steel lance with flat jet nozzle



Nozzle	Length mm	Ord. no.
M20028	500	12,393-M20028
M2003	500	12,393-M2003
M20042	500	12,393-M20042
M20045	500	12,393-M20045
D2507	500	12,393-D2507
M20035	600	12,392 2-M20035
M20045	600	12,392 2-M20045
D2504	600	12,392 2-D2504
D25045	600	12,392 2-D25045
D2505	600	12,392 2-D2505
D2506	600	12,392 2-D2506
D2507	600	12,392 2-D2507
M2008	600	12,392 2-M2008
M2010	600	12,392 2-M2010
M2011	600	12,392 2-M2011
M20125	600	12,392 2-M20125

Stainless steel lance with regulating nozzle



Nozzle	Length mm	Ord. no.
D2503	600	12,395-D2503
D2504	600	12,395-D2504
D25045	600	12,395-D25045
D2505	600	12,395-D2505
D25055	600	12,395-D25055
D2507	600	12,395-D2507

Stainless steel lance with regulating nozzle Vario-Jet



Nozzle	Length mm	Ord. no.
Vario-Jet 03	500	41,156 8-03
Vario-Jet 042	500	41,156 8-042
Vario-Jet 055	500	41,156 8-055

Stainless steel lance with regulating nozzle



Nozzle	Length mm	Ord. no.
M20042	500	12,701-M20042

For stubborn contamination

Dirtkiller lances and Turbokiller lances



Dirtkiller lance



Turbokiller lance

Dirtkiller lances with stainless steel pipe



Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Nozzle	Length mm	Ord. no.
028	500	41,570-028
03	500	41,570-03
042	500	41,570-042
045	500	41,570-045
055	500	41,570-055
07	500	41,570-07
035	600	46,150
045	600	46,150 1
055	600	46,150 3
06	600	46,150 2

Turbokiller lances with stainless steel pipe



Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Nozzle	Length mm	Ord. no.
04	600	41,072
045	600	41,072 3
05	600	41,580-05
055	600	41,072 4
07	600	41,072 7
08	600	41,072 8
10	600	41,580-10
11	600	41,580-11

Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Retrofitting of the trigger gun with safety catch and lance to quick release system / screw connections (surcharge)

Surcharge in connection with machine order ex works

	Trigger gun with safety catch with quick release coupling and lance with quick release nipple instead of version with screw connections M 22	Ord. no. 31,001
	Trigger gun with safety catch with quick release coupling and 2 lances with quick release nipple instead of version with screw connections M 22	Ord. no. 31,001 2
	Trigger gun with safety catch and lance with screw connection M 22 instead of one piece version	Ord. no. 31,002
	Trigger gun with safety catch and lance with screw connection M 22 instead of one piece version	Ord. no. 31,003

For those who are in a great hurry

Stainless steel lances for quick-release fittings

Stainless steel lance with recessed handles and flat jet nozzle



■ with quick release male insert
 ■ cranked
 Please specify type of appliance when ordering. Other nozzle sizes on request.

Nozzle	Length mm	Ord. no.
D2503	1000	12,420-D2503
D25045	1000	12,420-D25045
D25055	1000	12,420-D25055
D2507	1000	12,420-D2507
D25075	1000	12,420-D25075
D4011	1000	12,420-D4011
D40125	1000	12,420-D40125
D4015	1000	12,420-D4015
D40175	1000	12,420-D40175
D4020	1000	12,420-D4020
without nozzle, R 1/4" female	1000	12,420

Dirtkiller with stainless steel lance and recessed handles



■ with quick release male insert
 Please specify type of appliance when ordering. Other nozzle sizes on request.

Nozzle	Length mm	Ord. no.
045	1000	12,425-045
055	1000	12,425-055
07	1000	12,425-07
075	1000	12,425-075
without nozzle, R 1/4" male	1000	12,442

Turbokiller with stainless steel lance and recessed handles



■ with quick release male insert
 Please specify type of appliance when ordering. Other nozzle sizes on request.

Nozzle	Length mm	Ord. no.
03	1000	12,430-03
045	1000	12,430-045
055	1000	12,430-055
07	1000	12,430-07
10	1000	12,430-10
11	1000	12,430-11
12	1000	12,430-12
15	1000	12,430-15
18	1000	12,430-18
20	1000	12,430-20
without nozzle, R 1/4" male	1000	12,442

Adapter recessed handles 400 mm extension



■ Quick release male insert
 ■ ST 30 screw connection
 M 22 female

Ord. no. 12,440

Adapter



■ Quick release male insert
 ■ ST 30 screw connection
 M 22 female

Ord. no. 12,441

Quick release female coupling



■ DN 12

R 1/4" IG	Ord. no. 13,450
R 1/4" AG	Ord. no. 13,451

Quick release male insert DN 12



■ Quick release nipple

R 1/4" IG	Ord. no. 13,470
M 22 AG	Ord. no. 13,471
M 12 x 1 IG	Ord. no. 13,474
R 1/4" AG	Ord. no. 13,475

Impossible doesn't exist

Special lances



Double lance



Underbody lance



WC cleaning lance

Double lance, short

- for continuously adjustable pressure control at the lance
- 1st nozzle opened = high-pressure
- 1st + 2nd nozzle opened = low pressure for detergent pick up



Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Low pressure nozzle D3035 as standard, please order high pressure nozzle separately.
short design

Ord. no. 12,131 5

Underbody lance with stainless steel pipe

- 1000 mm length (with extension)



Nozzle size 4007

Ord. no. 41,075

Double lances with ISO handle



Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Low pressure nozzle D3035 as standard, please order high pressure nozzle separately.

660 mm with ISO handle

Ord. no. 12,131 1

1000 mm with ISO handle

Ord. no. 12,131

1000 mm with ISO handle and quick release nipple

Ord. no. 12,133

Toilet cleaning lance with stainless steel pipe



Nozzle size D25055

Ord. no. 41,076

Double lances without ISO handle



Please indicate the technical data of the high-pressure cleaner (device type) when placing your order.

Low pressure nozzle D3035 as standard, please order high pressure nozzle separately.

660 mm without ISO handle

Ord. no. 12,131 6

1000 mm without ISO handle

Ord. no. 12,131 7

Lance extensions with stainless steel pipe



500 mm

Ord. no. 15,004 8




1000 mm

Ord. no. 41,154



Practical and diverse

The wet and dry vacuum cleaner accessories

Floor nozzle 300 mm	
	<ul style="list-style-type: none"> With separate rubber lips for wet vacuum cleaning
	Ord. no. 58,402 1
	<ul style="list-style-type: none"> Insert for floor nozzle with brush strips at the front and rubber lips at the back
	Ord. no. 58,401 6
Floor nozzle 450 mm, aluminium	
	<ul style="list-style-type: none"> For cleaning of large surfaces, with brush attachment and rubber lip
	Ord. no. 58,402 8
	<ul style="list-style-type: none"> Brush insert 450 mm for aluminium floor nozzle, 2 parts
	Ord. no. 58,402 7
	<ul style="list-style-type: none"> Rubber lip insert 450 mm for aluminium floor nozzle, 2 parts
	Ord. no. 58,402 6
Carpet nozzle 295 mm	
	<ul style="list-style-type: none"> Reversible carpet nozzle for cleaning of carpets and smooth surfaces
	Ord. no. 58,401 8
Turbo brush 280 mm	
	<ul style="list-style-type: none"> With revolving brush for cleaning of carpets
	Ord. no. 58,402 4
Slanted nozzle 190 mm, rubber	
	<ul style="list-style-type: none"> Flexible nozzle for cleaning hard-to-reach areas
	Ord. no. 58,402 2
Flat nozzle 300 mm	
	<ul style="list-style-type: none"> For cleaning of narrow spaces
	Ord. no. 58,402 3
Broad nozzle 245 x 65 mm	
	<ul style="list-style-type: none"> For cleaning hard-to-reach narrow spaces
	Ord. no. 58,401 2
Upholstery nozzle 145 mm	
	<ul style="list-style-type: none"> For cleaning of textile surfaces
	Ord. no. 58,400 9
Universal brush nozzle 130 mm	
	<ul style="list-style-type: none"> For simultaneous brushing and vacuum cleaning
	Ord. no. 58,401 7
Suction brush, Ø 65 mm	
	<ul style="list-style-type: none"> For smooth vacuuming of delicate surfaces
	Ord. no. 58,400 8
Suction curry-comb 175 mm	
	<ul style="list-style-type: none"> Especially for animal care With hook-and-loop-tape
	Ord. no. 58,401 9
Suction brush 175 mm	
	<ul style="list-style-type: none"> Especially for animal care With hook-and-loop-tape
	Ord. no. 58,402 0
Extension, stainless steel	
	<ul style="list-style-type: none"> 2 x 500 mm
	Ord. no. 58,403 0
Extension, plastic	
	<ul style="list-style-type: none"> 1 x 500 mm
	Ord. no. 58,401 1
Hand pipe, angled	
	<ul style="list-style-type: none"> Plastic 370 mm
	Ord. no. 58,402 9
Suction hose DN 36	
	<ul style="list-style-type: none"> 3,50 m
	Ord. no. 45,281 9
Adapter 170 mm	
	<ul style="list-style-type: none"> For suction hose 45 mm to 34.9 mm
	Ord. no. 58,400 6
Suction hose DN 27	
	<ul style="list-style-type: none"> For connection to electrical machines with extraction feature, 3,50 m
	Ord. no. 58,408 0
Hose connection	
	<ul style="list-style-type: none"> For connection of two suction hoses DN Ø 36 mm
	Ord. no. 58,404 3
Dust bag for Ventos 20 E/L	
	<ul style="list-style-type: none"> 5-bag-pack
	Ord. no. 45,440 0
Dust bag for Ventos 30 E/L	
	<ul style="list-style-type: none"> 5-bag-pack
	Ord. no. 45,440 1
Main filter cartridge for Ventos 20 E/L and Ventos 30 E/L	
	<ul style="list-style-type: none"> made of PES web
	Ord. no. 45,440 3

Cold water high-pressure cleaners

The portables, p. 22 – 23

The small power packs, p. 24 – 25

The K 2000 series, p. 26 – 27



Technical specifications	HD 9/80	HD 7/122	HD 10/122	HD 12/130	K 1152 TS	K 1152 TS T	K 2160 TS	K 2160 TS T
Ord. no. without Dirtkiller	41,171	41,730	41,731	41,168	41,219	–	–	–
Ord. no. with Dirtkiller	–	41,730 1	41,731 1	–	41,219 1	41,218 1	41,780 1	41,781 1
Operating pressure, bar (MPa), continuously adjustable	30-80 (3-8)	30-120 (3-12)	30-120 (3-12)	30-130 (3-13)	30-130 (3-13)	30-130 (3-13)	30-140 (3-14)	30-140 (3-14)
Max. admissible overpressure, bar (MPa)	90 (9)	135 (13.5)	135 (13.5)	145 (14.5)	150 (15)	150 (15)	160 (16)	160 (16)
Water output, l/min (l/h)	9 (540)	7 (420)	10 (600)	11 (660)	10 (600)	10 (600)	11 (660)	11 (660)
Inlet water temperature, max. °C	60	60	60	60	60	60	60	60
Suction height, m	1.5	1.5	-	2.5	-	-	2.5	2.5
Nozzle size, Dirtkiller	● 042	● 028	● 042	● 042	● 042	● 042	● 042	● 042
Nozzle size, flat jet nozzle	● 042 Vario-Jet	● 20028	● 20042	● 20042	● 042 Vario-Jet	● 042 Vario-Jet	● 042 Vario-Jet	● 042 Vario-Jet
Motor speed, rpm	1,400	1,400	2,800	1,400	2,800	2,800	1,400	1,400
Connected load, V / A / Hz	230 / 7.5 / 50	230 / 7.5 / 50	230 / 11 / 50	230 / 13.5 / 50	230 / 12 / 50	230 / 12 / 50	230 / 14 / 50	230 / 14 / 50
Power intake, kW	1.6	1.6	2.5	2.9	2.8	2.8	3.2	3.2
Power output, kW	1.0	1.0	1.8	2.2	2.0	2.0	2.4	2.4
Weight, kg	24	22	23	30	31.5	31.5	37	39.5
Dimensions (L x W x H) in mm	470 x 230 x 320	440 x 200 x 330	440 x 200 x 330	500 x 240 x 320	360 x 365 x 870	360 x 365 x 870	375 x 360 x 900	375 x 360 x 900

Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Roto-Mold chassis	–	–	–	–	✓	✓	✓	✓
Easy-Start	–	✓	✓	–	✓	✓	–	–
Total-Stop system	–	–	–	–	✓	✓	✓	✓
Low pressure detergent	✓	–	–	✓	✓	✓	✓	✓
Hose drum	–	–	–	–	✓	✓	–	✓
Steel braided high-pressure hose (NW 6)	10 m (43,416)	10 m (43,416)	10 m (43,416)	10 m (43,416)	15 m (48,015)	15 m (48,015)	10 m (43,416)	15 m (48,015)
Tigger gun with safety catch M2000	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	–	– / (41,570-028)	– / (41,570-042)	–	– / (41,570-042)	– / (41,570-042)	– / (41,570-042)	– / (41,570-042)
Stainless steel lance with flat jet nozzle	(41,156 8-042)	(12,393-20028)	(12,393-20042)	(12,701-20042)	(41,156 8-042)	(41,156 8-042)	(41,156 8-042)	(41,156 8-042)

The K 2000 series, p. 26 – 27
The Profi series, p. 28 – 29


Technical specifications	K 2195 TS	K 2195 TS T	K 2175 TS	K 2175 TS T	Profi 160 TS T	Profi 195 TS T	Profi 175 TS T	Profi 15/120 TS T
Ord. no.	41,784 1	41,785 1	41,782 1	41,783 1	41,230 1	41,231 1	41,232 1	41,233 1
Operating pressure, bar (MPa), continuously adjustable	30-180 (3-18)	30-180 (3-18)	30-160 (3-16)	30-160 (3-16)	30-140 (3-14)	30-170 (3-17)	30-150 (3-15)	30-120 (3-12)
Max. admissible overpressure, bar (MPa)	195 (19.5)	195 (19.5)	175 (17.5)	175 (17.5)	160 (16)	195 (19.5)	175 (17.5)	135 (13.5)
Water output, l/min (l/h)	8 (480)	8 (480)	12 (720)	12 (720)	11 (660)	8 (480)	12 (720)	15 (900)
Inlet water temperature, max. °C	60	60	60	60	60	60	60	60
Suction height, m	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Nozzle size, Dirtkiller	○ 03	○ 03	● 042	● 042	● 042	○ 03	● 042	● 07
Nozzle size, flat jet nozzle	○ 03 Vario-Jet	○ 03 Vario-Jet	● 042 Vario-Jet	● 042 Vario-Jet	● 20042	○ 2003	● 20042	● 2007
Motor speed, rpm	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Connected load, V / A / Hz	230 / 14 / 50	230 / 14 / 50	400 / 6.7 / 50	400 / 6.7 / 50	230 / 14.3 / 50	230 / 14.3 / 50	400 / 7.2 / 50	400 / 7.2 / 50
Power intake, kW	3.2	3.2	3.3	3.3	3.2	3.2	3.8	3.8
Power output, kW	2.4	2.4	2.6	2.6	2.5	2.5	3.0	3.0
Weight, kg	37	39.5	37	39.5	45	45	45	45
Dimensions (L x W x H) in mm	375 x 360 x 900	375 x 360 x 900	375 x 360 x 900	375 x 360 x 900	355 x 375 x 980	355 x 375 x 980	355 x 375 x 980	355 x 375 x 980

Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Roto-Mold chassis	✓	✓	✓	✓	✓	✓	✓	✓
Total-Stop system	✓	✓	✓	✓	✓	✓	✓	✓
Water tank, detachable	–	–	–	–	✓	✓	✓	✓
Low pressure detergent	✓	✓	✓	✓	✓	✓	✓	✓
Hose drum	–	✓	–	✓	✓	✓	✓	✓
Steel braided high-pressure hose (NW 6)	10 m (43,416)	15 m (48,015)	10 m (43,416)	15 m (48,015)	15 m (43,829)	15 m (43,829)	15 m (43,829)	15 m (43,829)
Tigger gun with safety catch M2000	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)	(12,480)
Dirtkiller lance with stainless steel pipe	(41,570-03)	(41,570-03)	(41,570-042)	(41,570-042)	(41,570-042)	(41,570-03)	(41,570-042)	(41,570-07)
Stainless steel lance with flat jet nozzle	(41,156 8-03)	(41,156 8-03)	(41,156 8-042)	(41,156 8-042)	(12,393-M20042)	(12,393-M2003)	(12,393-M20042)	(12,393-D2507)

Cold water high-pressure cleaners

The small quadros, p. 30 – 31

The medium quadros, p. 32 – 33



Technical specifications

	quadro 11/140 TS T	quadro 9/170 TS T	quadro 12/150 TS T	quadro 599 TS T	quadro 799 TS T	quadro 899 TS T
Ord. no. with standard trolley	40,441 1	40,443 1	40,442 1	40,431	40,432	40,434
Operating pressure, bar (MPa), continuously adjustable	30-140 (3-14)	30-170 (3-17)	30-150 (3-15)	30-150 (3-15)	30-180 (3-18)	30-150 (3-15)
Max. admissible overpressure, bar (MPa)	155 (15.5)	190 (19)	165 (16.5)	165 (16.5)	200 (20)	170 (17)
Water output, l/min (l/h)	11 (660)	9 (540)	12 (720)	10 (600)	13 (780)	15 (900)
Inlet water temperature, max. °C	60	60	60	60	60	60
Volume water tank, l	7	7	7	10	10	10
Suction height, m	2.5	2.5	2.5	2.5	2.5	2.5
Nozzle size, Dirtkiller / Turbokiller	● 045	○ 03	● 045	● 035	● 045	● 06
Nozzle size, flat jet nozzle	● 20045	○ 2003	● 20045	● 20035	● 20045	● 2506
Motor speed, rpm	1,400	1,400	1,400	1,400	1,400	1,400
Connected load, V / A / Hz	230 / 14 / 50	230 / 14 / 50	400 / 6.8 / 50	230 / 14 / 50	400 / 8.5 / 50	400 / 8.5 / 50
Power intake, kW	3.3	3.3	3.5	3.3	5.5	5.5
Power output, kW	2.4	2.4	2.8	2.4	4.0	4.0
Weight, kg	46	46	46	62	62	62
Dimensions (L x W x H) in mm	590 x 360 x 850	590 x 360 x 850	590 x 360 x 850	780 x 395 x 870	780 x 395 x 870	780 x 395 x 870

Features & Equipment

	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Total-Stop system	✓	✓	✓	–	–	–
Total-Stop system with delayed motor cut-out	–	–	–	✓	✓	✓
Additional electrical over-current protection	–	–	–	✓	✓	✓
Water tank	✓	✓	✓	✓	✓	✓
High pressure detergent	✓	✓	✓	✓	✓	✓
Hose drum	✓	✓	✓	✓	✓	✓
Steel braided high-pressure hose / NW	15 m (40,170) / 6	15 m (40,170) / 6	15 m (40,170) / 6	20 m (43,416 1) / 6	20 m (43,416 1) / 6	15 m (44,879) / 8
Trigger gun with safety catch	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)
Dirtkiller lance, Turbokiller lance with stainless steel pipe	(41,570-045)	(41,570-03)	(41,570-045)	(46,150)	(46,150 1)	(46,150 2)
Stainless steel lance with flat jet nozzle	(12,393-M20045)	(12,393-M2003)	(12,393-M20045)	(12,392 2-M20035)	(12,392 2-M20045)	(12,392 2-D2506)
Parking brake	✓	✓	✓	✓	✓	✓
Water inlet filter	–	–	–	–	–	–

The big quados, p. 34 – 37



Technical specifications	quadro 800 TS T	quadro 1000 TS T	quadro 1000 TS	quadro 1200 TS T	quadro 1200 TS	quadro 1500 TS T	quadro 1500 TS
Ord. no. with standard trolley	40,423	40,421	40,421 1	40,422	40,422 1	40,426	40,426 1
Ord. no. with stainless steel trolley	40,423 0	40,421 0	40,421 9	40,422 0	40,422 9	40,426 0	40,426 9
Operating pressure, bar (MPa), continuously adjustable	30-250 (3-25)	30-220 (3-22)	30-220 (3-22)	30-180 (3-18)	30-180 (3-18)	30-140 (3-14)	30-140 (3-14)
Max. admissible overpressure, bar (MPa)	270 (27)	250 (25)	250 (25)	200 (20)	200 (20)	160 (16)	160 (16)
Water output, l/min (l/h)	13.3 (798)	16 (960)	16 (960)	19 (1,140)	19 (1,140)	25 (1,500)	25 (1,500)
Inlet water temperature, max. °C	60	60	60	60	60	60	60
Volume water tank, l	16	16	16	16	16	16	16
Suction height, m	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Nozzle size, Dirtkiller / Turbokiller	● 04	● 05	● 05	● 07	● 07	● 11	● 10
Nozzle size, flat jet nozzle	● 2504	● 2505	● 2505	● 2507	● 2507	● 2011	● 2010
Motor speed, rpm	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Connected load, V / A / Hz	400 / 12 / 50	400 / 12 / 50	400 / 12 / 50	400 / 12 / 50	400 / 12 / 50	400 / 12 / 50	400 / 12 / 50
Power intake, kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Power output, kW	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Weight, kg	89	89	82	89	82	89	82
Dimensions (L x W x H) in mm	770 x 570 x 990	770 x 570 x 990	770 x 570 x 990	770 x 570 x 990	770 x 570 x 990	770 x 570 x 990	770 x 570 x 990

Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Total-Stop system with delayed motor cut-out	✓	✓	✓	✓	✓	✓	✓
Additional electrical over-current protection	✓	✓	✓	✓	✓	✓	✓
Water tank	✓	✓	✓	✓	✓	✓	✓
High pressure detergent	✓	✓	✓	✓	✓	✓	✓
Hose drum	✓	✓	–	✓	–	✓	–
Steel braided high-pressure hose / NW	20 m (41,083) / 8	20 m (41,083) / 8	10 m (41,081) / 8	20 m (41,083) / 8	10 m (41,081) / 8	20 m (41,083) / 8	10 m (41,081) / 8
Trigger gun with safety catch	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)
Dirtkiller lance, Turbokiller lance with stainless steel pipe	(41,072)	(41,580-05)	–	(41,072 7)	–	(41,580-11)	(41,580-10)
Stainless steel lance with flat jet nozzle	(12,392 2-D2504)	(12,392 2-D2505)	(12,392 2-D2505)	(12,392 2-D2507)	(12,392 2-D2507)	(12,392 2-M2011)	(12,392 2-M2010)
Parking brake	✓	✓	✓	✓	✓	✓	✓
Water inlet filter	–	–	–	–	–	✓	✓

Cold water high-pressure cleaners

The bully, p. 38 - 39



bully 980 TS



bully 980 TS T



bully 1180 TS



bully 1180 TS T

Technical specifications

	bully 980 TS	bully 980 TS T	bully 1180 TS	bully 1180 TS T
Ord. no. without hose drum	40,350 1	40,350 1	40,351 1	40,351 1
Ord. no. with hose drum	40,350	40,350	40,351	40,351
Operating pressure, bar (MPa), continuously adjustable	30-180 (3-18)	30-180 (3-18)	30-160 (3-16)	30-160 (3-16)
Max. admissible overpressure, bar (MPa)	200 (20)	200 (20)	180 (18)	180 (18)
Water output, l/min (l/h)	16 (960)	16 (960)	19 (1,140)	19 (1,140)
Inlet water temperature, max. °C	60	60	60	60
Suction height in m	2.5	2.5	2.5	2.5
Nozzle size, Dirtkiller	● 055	● 055	● 075	● 075
Nozzle size, flat jet nozzle	● 25055	● 25055	● 25075	● 25075
Motor speed, rpm	1,400	1,400	1,400	1,400
Connected load, V / A / Hz	400/11.5 / 50	400/11.5 / 50	400/11.5 / 50	400/11.5 / 50
Power intake / Power output, kW	7.0 / 5.0	7.0 / 5.0	7.0 / 5.0	7.0 / 5.0
Weight, kg	65	68	65	68
Dimensions (L x W x H) in mm	730 x 425 x 970	730 x 425 x 970	730 x 425 x 970	730 x 425 x 970

Features & Equipment

	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Total-Stop system	✓	✓	✓	✓
Trigger gun with safety catch M2000 with quick release coupling	(12,492)	(12,492)	(12,492)	(12,492)
Water tank	–	–	–	–
High pressure detergent	–	–	–	–
Hose drum	–	✓	–	✓
Steel braided high-pressure hose / NW8	10 m (44,878)	15 m (44,879)	10 m (44,878)	15 m (44,879)
Dirtkiller lance 1000 mm with stainless steel pipe and quick release nipple	(12,425-055)	(12,425-055)	(12,425-075)	(12,425-075)
Stainless steel lance 1000 mm with flat jet nozzle and quick release nipple	(12,420-D25055)	(12,420-D25055)	(12,420-D25075)	(12,420-D25075)
Parking brake	–	–	–	–
Water inlet filter	–	–	–	–

Cold water high-pressure cleaners

The L series, p. 40 – 41



L 30/200 TS



L 40/160 TS

Technical specifications

	L 30/200 TS	L 40/160 TS
Ord. no. without Accessories	40,800 1	40,810 1
Ord. no. with Standard design	40,800	40,810
Operating pressure, bar (MPa), continuously adjustable	30-200 (3-20)	30-160 (3-16)
Max. admissible overpressure, bar (MPa)	230 (23)	190 (19)
Water output, l/min (l/h)	30 (1,800)	40 (2,400)
Inlet water temperature, max. °C	60	60
Volume water tank, l	–	–
Suction height in m	2.5	2.5
Nozzle size, Dirtkiller	● 11	18
Nozzle size, flat jet nozzle	● 4011	40175
Motor speed, rpm	1,450	1,450
Connected load, V / A / Hz	400 / 24 / 50	400 / 24 / 50
Power intake, kW	14.5	14.5
Power output, kW	11	11
Weight, kg	125	125
Dimensions (L x W x H) in mm	1,100 x 670 x 940	1,100 x 670 x 940

Features & Equipment

	Ord. no.	Ord. no.
Total-Stop system with delayed motor cut-out	✓	✓
Soft start-up	✓	✓
Display readiness for operation with signal lamp	✓	✓
Overcurrent phase monitoring with signal lamp	✓	✓
Water lack protection with signal lamp	✓	✓
Additional electrical over-current protection	✓	✓
Water tank	–	–
High pressure detergent	–	–
Hose drum	–	–
Steel braided high-pressure hose / NW 10 (Standard design)	15 m (47,701)	15 m (47,701)
Trigger gun with safety catch	Starlet (12,327 2)	Starlet (12,327 2)
Dirtkiller lance, Turbokiller lance with stainless steel pipe	–	–
Stainless steel lance with flat jet nozzle (Standard design)	(12,420-D4011)	(12,420-D40175)
Parking brake	✓	✓
Water inlet filter	(13,320 2)	(13,320 2)

Petrol engine high-pressure cleaners

The Profi-Jet series, p. 42 – 43



Technical specifications	Profi-Jet B 13/150	Profi-Jet B 13/150	Profi-Jet B 13/150	Profi-Jet B 10/200	Profi-Jet B 10/200	Profi-Jet B 10/200
Ord. no.	41,170	41,170 1	41,170 2	41,182	41,182 1	41,182 2
Design	portable	Stainless steel trolley	Stainless steel trolley, hose drum	portable	Stainless steel trolley, hose drum	Stainless steel trolley, hose drum
Operating pressure, bar (MPa), continuously adjustable	30-150 (3-15)	30-150 (3-15)	30-150 (3-15)	30-200 (3-20)	30-200 (3-20)	30-200 (3-20)
Max. admissible overpressure, bar (MPa)	170 (17)	170 (17)	170 (17)	220 (22)	220 (22)	220 (22)
Water output, l/min (l/h)	13 (780)	13 (780)	13 (780)	10 (600)	10 (600)	10 (600)
Inlet water temperature, max. °C	60	60	60	60	60	60
Suction height, m	2.5	2.5	2.5	2.5	2.5	2.5
Nozzle size, Dirtkiller / Turbokiller	● 055	● 055	● 055	○ 03	○ 03	○ 03
Nozzle size, flat jet nozzle	● 2505	● 2505	● 2505	○ 03 Vario-Jet	○ 03 Vario-Jet	○ 03 Vario-Jet
Power data motor HP (Honda petrol)	5.5	5.5	5.5	6.5	6.5	6.5
Weight, kg	33	37	42	35	38	44
Dimensions (L x W x H) in mm	520 x 360 x 420	770 x 570 x 990	770 x 570 x 1005	520 x 360 x 420	770 x 570 x 990	770 x 570 x 1005

Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Chassis made of stainless steel	–	✓	✓	–	✓	✓
Speed control	–	–	–	–	–	–
Hose drum	–	–	✓	–	–	✓
Steel braided high-pressure hose, NW 8	10 m (41,081)	10 m (41,081)	20 m (41,083)	10 m (41,081)	10 m (41,081)	20 m (41,083)
Trigger gun with safety catch	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)	M2000 (12,480)
Dirtkiller lance with stainless steel pipe	–	–	–	(41,570-03)	(41,570-03)	(41,570-03)
Stainless steel lance with regulating nozzle	(12,395-D2505)	(12,395-D2505)	(12,395-D2505)	(41,156 8-03)	(41,156 8-03)	(41,156 8-03)
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

The Profi-Jet series, p. S. 42 – 43



**Profi-Jet B
16/220**

**Profi-Jet B
16/220**

**Profi-Jet B
16/220**

**Profi-Jet B
20/220**

**Profi-Jet B
20/220**

**Profi-Jet B
20/220**

**Profi-Jet B
16/250**

**Profi-Jet B
16/250**

**Profi-Jet B
16/250**

41,173 2	41,173	41,173 3	41,187	41,187 1	41,187 2	41,186	41,186 1	41,186 2
Stainless steel trolley	Stainless steel trolley, speed control	Stainless steel trolley, speed control, hose drum	Stainless steel trolley	Stainless steel trolley, speed control	Stainless steel trolley, speed control, hose drum	Stainless steel trolley	Stainless steel trolley, speed control	Stainless steel trolley, speed control, hose drum
30-220 (3-22)	30-220 (3-22)	30-220 (3-22)	30-200 (3-20)	30-200 (3-20)	30-200 (3-20)	30-250 (3-25)	30-250 (3-25)	30-250 (3-25)
220 (22)	220 (22)	220 (22)	220 (22)	220 (22)	220 (22)	250 (25)	250 (25)	250 (25)
16 (960)	16 (960)	16 (960)	20 (1,200)	20 (1,200)	20 (1,200)	16 (960)	16 (960)	16 (960)
60	60	60	60	60	60	60	60	60
2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
● 05	● 05	● 05	● 07	● 07	● 07	● 045	● 045	● 045
● 2505	● 2505	● 2505	● 2507	● 2507	● 2507	● 25045	● 25045	● 25045
11	11	11	13	13	13	13	13	13
64	65	71	64	65	71	64	65	71
785 x 570 x 995	785 x 570 x 995	785 x 570 x 1005	785 x 570 x 995	785 x 570 x 995	785 x 570 x 1005	785 x 570 x 995	785 x 570 x 995	785 x 570 x 1005

Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
✓	✓	✓	✓	✓	✓	✓	✓	✓
–	✓	✓	–	✓	✓	–	✓	✓
–	–	✓	–	–	✓	–	–	✓
10 m (41,081)	10 m (41,081)	20 m (41,083)	10 m (41,081)	10 m (41,081)	20 m (41,083)	10 m (41,081)	10 m (41,081)	20 m (41,083)
Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)
–	–	–	–	–	–	–	–	–
(12,395-D2505)	(12,395-D2505)	(12,395-D2505)	(12,395-D2507)	(12,395-D2507)	(12,395-D2507)	(12,395-D25045)	(12,395-D25045)	(12,395-D25045)
(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

Petrol engine high-pressure cleaners

The complete ones with Honda motor, page 44 - 45



Technical specifications	B 170 T	B 200 T	B 230 T	B 240 T	B 270 T
Ord. no.	41,190 1	41,191 1	41,194 1	41,192 1	41,193 1
Operating pressure, bar (MPa), continuously adjustable	30-150 (3-15)	30-180 (3-18)	30-200 (3-20)	30-220 (3-22)	30-240 (3-24)
Max. admissible overpressure, bar (MPa)	170 (17)	200 (20)	230 (23)	240 (24)	270 (27)
Water output, l/min (l/h)	12.5 (750)	12.5 (750)	20 (1,200)	16 (960)	16 (960)
Inlet water temperature, max. °C	60	60	60	60	60
Suction height, m	2.5	2.5	2.5	2.5	2.5
Nozzle size, Dirtkiller /Turbokiller	● 05	● 045	● 07	● 05	● 045
Nozzle size, flat jet nozzle	● 2505	● 25045	● 2507	● 2505	● 25045
Power data motor HP (Honda petrol)	5.5	6.5	13	11	13
Weight, kg	68	68	93	93	93
Dimensions (L x W x H) in mm	720 x 570 x 960	720 x 570 x 960	720 x 570 x 960	720 x 570 x 960	720 x 570 x 960

Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Automatic speed control	–	–	✓	✓	✓
Hose drum	✓	✓	✓	✓	✓
Steel braided high-pressure hose, 20 NW 8	(41,083)	(41,083)	(41,083)	(41,083)	(41,083)
Trigger gun with safety catch	M2000 (12,489)	M2000 (12,489)	Starlet (12,320 2)	Starlet (12,320 2)	Starlet (12,320 2)
Turbokiller lance with stainless steel pipe	(41,580-05)	(41,072 3)	(41,072 7)	(41,580-05)	(41,072 3)
Stainless steel lance with regulating nozzle	(12,395-D2505)	(12,395-D25045)	(12,395-D2507)	(12,395-D2505)	(12,395-D25045)
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)



Hot water high-pressure cleaners

therm CA (oil-heated), p. 48 – 49

therm C (oil-heated), p. 50 – 51



Technical specifications	therm CA 11/130	therm CA 12/150	therm CA 15/120	therm C 11/130	therm C 13/180	therm C 15/150
Ord. no. without hose drum	41,460	41,461	41,462	41,442	41,441	41,440
Ord. no. with hose drum	41,460 1	41,461 1	41,462 1	41,442 1	41,441 1	41,440 1
Operating pressure, bar (MPa), continuously adjustable	30-130 (3-13)	30-150 (3-15)	30-120 (3-12)	30-130 (3-13)	30-180 (3-18)	30-150 (3-15)
Max. admissible overpressure, bar (MPa)	145 (14.5)	170 (17)	135 (13.5)	145 (14.5)	200 (20)	170 (17)
Operating pressure, continuously adjustable - nozzle size 25045 ●	–	–	–	–	–	–
Operating pressure, continuously adjustable - nozzle size 2503 ○	–	–	–	–	–	–
Water output, l/min (l/h)	11 (660)	12 (720)	15 (900)	11 (660)	13 (780)	15 (900)
Water output - nozzle size 25045 ●	–	–	–	–	–	–
Water output - nozzle size 2503 ○	–	–	–	–	–	–
Inlet water temperature, max. °C	60	60	60	60	60	60
Hot water output temp. °C (water supply) continuously adjustable	12-82	12-80	12-80	12-80	12-80	12-80
Hot water output temp. °C (water supply) continuously adjustable - nozzle size 25045 ●	–	–	–	–	–	–
Hot water output temp. °C (water supply) continuously adjustable - nozzle size 2503 ○	–	–	–	–	–	–
Steam level, max. °C	140	140	150	140	150	150
Nozzle size, Dirtkiller / Turbokiller	● 045	● 045	● 07	● 045	● 045	● 055
Nozzle size, flat jet nozzle	● 25045	● 25045	● 2507	● 25045	● 25045	● 25055
Heating oil consumption at max. heating output, kg/h (l/h)	5.1 (6.1)	5.4 (6.4)	6.0 (7.1)	5.1 (6.1)	5.8 (6.8)	6.0 (7.1)
Heating oil consumption ΔT 45°, kg/h (l/h)	3.2 (3.8)	3.5 (4.1)	4.3 (5.1)	3.2 (3.8)	3.8 (4.5)	4.3 (5.1)
Heating output, kW	55	58	65	55	60	65
Fuel tank capacity monitoring	25	25	25	25	25	25
Motor speed, rpm	1,400	1,400	1,400	1,400	1,400	1,400
Connected load, V / A / Hz	230 / 15.0 / 50	400 / 7.2 / 50	400 / 7.2 / 50	230 / 15.0 / 50	400 / 8.7 / 50	400 / 8.7 / 50
Wattage, kW	–	–	–	–	–	–
Fuse, A	–	–	–	–	–	–
Power intake, kW	3.4	3.8	3.8	3.4	4.8	4.8
Power output, kW	2.3	3.0	3.0	2.3	4.0	4.0
Weight with hose drum in kg	171	171	181	179	179	179
Dimensions without hose drum in mm (L x W x H)	790 x 590 x 980	790 x 590 x 980	790 x 590 x 980	790 x 590 x 980	790 x 590 x 980	790 x 590 x 980

Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Total-Stop system	✓	✓	✓	–	–	–
Total-Stop system with delayed motor cut-out	–	–	–	✓	✓	✓
Additional electrical over-current protection	–	–	–	✓	✓	✓
Water flow monitoring	✓	✓	✓	✓	✓	✓
Pre-aeration of combustion chamber	✓	✓	✓	✓	✓	✓
Visual flame monitoring	–	–	–	✓	✓	✓
Safety thermostat triggers at emission temperatures above 230° C	–	–	–	✓	✓	✓
4-way safety system with overload protection	–	–	–	✓	✓	✓
High fuel cut off for burner	–	–	–	✓	✓	✓
Operating hours meter	–	–	–	–	–	–
High pressure detergent	✓	✓	✓	✓	✓	✓
Hose drum	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓
Steel braided high-pressure hose, NW 8 without hose drum / with hose drum	10 m (44,878) / 15 m (44,879)	10 m (44,878) / 15 m (44,879)	10 m (44,878) / 15 m (44,879)	10 m (44,878) / 15 m (44,879)	10 m (44,878) / 15 m (44,879)	10 m (44,878) / 15 m (44,879)
One piece trigger gun with safety catch M2000, stainless steel lance and flat jet nozzle	(12,486-D25045)	(12,486-D25045)	(12,486-D2507)	(12,486-D25045)	(12,486-D25045)	(12,486-D25055)
Trigger gun with safety catch Starlet	–	–	–	–	–	–
Stainless steel lance with flat jet nozzle	–	–	–	–	–	–
Parking brake	✓	✓	✓	✓	✓	✓
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

therm-1 (oil-heated), p. 52 – 53
therm E-M (electrically heated), p. 54 – 55


therm 635-1	therm 875-1	therm 895-1	therm 1165-1	therm 1525-1	therm 602 E-M 18	therm 602 E-M 24	therm 602 E-M 36	therm 872 E-M 48
41,349	41,342	41,352	41,353	41,348	41,360	41,361	41,362	41,363
41,349 1	41,342 1	41,352 1	41,353 1	41,348 1	41,360 1	41,361 1	41,362 1	41,363 1
30-130 (3-13)	30-175 (3-17.5)	30-195 (3-19.5)	30-165 (3-16.5)	30-125 (3-12.5)	–	–	–	–
145 (14.5)	190 (19)	215 (21.5)	180 (18)	140 (14)	–	–	–	–
–	–	–	–	–	30-100 (3-10)	30-100 (3-10)	30-100 (3-10)	30-170 (3-17)
–	–	–	–	–	30-160 (3-16)	30-160 (3-16)	30-160 (3-16)	–
10.6 (635)	1.6 (875)	14.9 (895)	19.4 (1165)	25 (1,500)	–	–	–	–
–	–	–	–	–	10 (600)	10 (600)	10 (600)	14,5 (870)
–	–	–	–	–	8.6 (516)	8.6 (516)	8.6 (516)	–
60	60	60	60	60	60	60	60	60
12-89	12-87	12-86	12-82	12-65	–	–	–	–
–	–	–	–	–	38 °C	47 °C	64 °C	60 °C
–	–	–	–	–	42 °C	52 °C	72 °C	–
145	155	155	155	140	–	–	–	–
● 045	● 045	● 045	● 07	–	○ 03 / ● 045	○ 03 / ● 045	○ 03 / ● 045	○ 03 / ● 045
● 25045	● 25045	● 25045	● 2507	● 20125	○ 03 / ● 045	○ 03 / ● 045	○ 03 / ● 045	○ 03 / ● 045
5.1 (6.1)	5.8 (6.8)	6.0 (7.1)	7.1 (8.5)	7.7 (9.2)	–	–	–	–
3.2 (3.8)	4.2 (5.0)	4.3 (5.1)	5.6 (6.6)	7.2 (8.5)	–	–	–	–
55	60	65	78	84	18	24	36	48
35	35	35	35	35	–	–	–	–
1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
230 / 15.0 / 50	400 / 8.7 / 50	400 / 12 / 50	400 / 12 / 50	400 / 12 / 50	400 / 32.6 / 50	400 / 41.2 / 50	400 / 58.6 / 50	400 / 80 / 50
–	–	–	–	–	20.6	26.6	38.6	53.5
–	–	–	–	–	50	63	80	80
3.4	4.8	7.5	7.5	7.5	–	–	–	–
2.3	4.0	5.5	5.5	5.5	–	–	–	–
218	218	223	223	228	178	178	178	178
1050 x 800 x 1015	1050 x 800 x 1015	1050 x 800 x 1015	1050 x 800 x 1015	1050 x 800 x 1015	1050 x 800 x 1015	1050 x 800 x 1015	1050 x 800 x 1015	1050 x 800 x 1015

Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
–	–	–	–	–	–	–	–	–
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	–	–	–	–
✓	✓	✓	✓	✓	–	–	–	–
✓	✓	✓	✓	✓	–	–	–	–
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓
10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)	10 m (41,081) / 20 m (44,381 2)
–	–	–	–	–	–	–	–	–
(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D2507)	(12,392 2-M20125)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)
✓	✓	✓	✓	✓	✓	✓	✓	✓
(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)

Stationary high-pressure cleaners

The stationary cold water W series, p. 56 – 57



Technical specifications	W 11/135	W 13/250	W 15/220	W 19/180
Ord. no. with flow switch	41,312	41,308	41,309	41,310
Ord. no. with water tank	41,312 1	41,308 1	41,309 1	41,310 1
Operating pressure, bar (MPa), continuously adjustable	30-135 (3-13.5)	30-250 (3-25)	30-220 (3-22)	30-180 (3-18)
Max. admissible overpressure, bar (MPa)	150 (15)	270 (27)	250 (25)	200 (20)
Operating pressure, continuously adjustable - nozzle size 25045 ●	–	–	–	–
Operating pressure, continuously adjustable - nozzle size 2503 ○	–	–	–	–
Water output, l/min (l/h)	11 (660)	13 (780)	15 (900)	19 (1,140)
Water output - nozzle size 25045 ●	–	–	–	–
Water output - nozzle size 2503 ○	–	–	–	–
Inlet water temperature, max. °C	60	60	60	60
Hot water output temp. °C (water supply) continuously adjustable	–	–	–	–
Hot water output temp. °C (water supply) continuously adjustable - nozzle size 2503 ●	–	–	–	–
Hot water output temp. °C (water supply) continuously adjustable - nozzle size 2503 ○	–	–	–	–
Steam level, max. °C	–	–	–	–
Nozzle size, Dirtkiller / Turbokiller	● 042	● 04	● 05	● 07
Nozzle size, flat jet nozzle	● 20042	● 2504	● 2505	● 2507
Heating oil consumption at max. heating output, kg/h (l/h)	–	–	–	–
Heating oil consumption ΔT 45 °, kg/h (l/h)	–	–	–	–
Heating output, kW	–	–	–	–
Fuel tank capacity monitoring	–	–	–	–
Motor speed, rpm	1,400	1,400	1,400	1,400
Connected load, V / A / Hz	230 / 14 / 50	400 / 12 / 50	400 / 12 / 50	400 / 12 / 50
Wattage, kW	–	–	–	–
Fuse, A	–	–	–	–
Power intake, kW	3.3	7.5	7.5	7.5
Power output, kW	2.4	5.5	5.5	5.5
Weight, kg	60	80	80	80
Dimensions in mm (L x W x H)	780 x 700 x 360	780 x 700 x 360	780 x 700 x 360	780 x 700 x 360
Features & Equipment	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Total-Stop system with delayed motor cut-out	✓	✓	✓	✓
Additional electrical over-current protection	✓	✓	✓	✓
Water flow monitoring	✓ / –	✓ / –	✓ / –	✓ / –
Water tank	– / ✓	– / ✓	– / ✓	– / ✓
Pre-aeration of combustion chamber	–	–	–	–
Visual flame monitoring	–	–	–	–
Safety thermostat triggers at emission temperatures above 230° C	–	–	–	–
4-way safety system with overload protection	–	–	–	–
Low fuel cut off for burner	–	–	–	–
Operating hours meter	–	–	–	–
High pressure detergent	–	✓	✓	–
Steel braided high-pressure hose, 10 m NW 8	(41,081)	(41,081)	(41,081)	(41,081)
Trigger gun with safety catch Starlet	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
Stainless steel lance with flat jet nozzle	–	–	–	–
Stainless steel lance with regulating nozzle	(12,701-M20042)	(12,395-D2504)	(12,395-D2505)	(12,395-D2507)
Water inlet filter	(13,310)	(13,310)	(13,310)	(13,310)

The stationary hot water series therm ST, p. 58 – 59
The stationary hot water series therm E-ST, p. 60 – 61
(oil-heated)
(electrically heated)

therm 895 ST
therm 1165 ST
therm 601 E-ST 18
therm 601 E-ST 24
therm 601 E-ST 36
therm 871 E-ST 48
therm 891 E-ST 48

41,352 5	41,353 5	41,358 5	41,358 6	41,358 7	41,358 9	41,358 8
30-195 (3-19.5)	30-165 (3-16.5)	–	–	–	–	–
215 (21.5)	180 (18)	–	–	–	–	–
–	–	30-100 (3-10)	30-100 (3-10)	30-100 (3-10)	30-170 (3-17)	30-220 (3-22)
–	–	30-160 (3-16)	30-160 (3-16)	30-160 (3-16)	–	–
14.9 (895)	19.4 (1,165)	–	–	–	–	–
–	–	10 (600)	10 (600)	10 (600)	14.5 (870)	15 (900)
–	–	8.6 (516)	8.6 (516)	8.6 (516)	–	–
60	60	60	60	60	60	60
12-86	12-82	–	–	–	–	–
–	–	38 °C	47 °C	64 °C	60 °C	58 °C
–	–	42 °C	52 °C	72 °C	–	–
155	155	–	–	–	–	–
● 045	● 07	○ 2503 / ● 25045	○ 2503 / ● 25045	○ 2503 / ● 25045	○ 2503 / ● 25045	○ 2503 / ● 25045
● 25045	● 2507	○ 2503 / ● 25045	○ 2503 / ● 25045	○ 2503 / ● 25045	○ 2503 / ● 25045	○ 2503 / ● 25045
6.0 (7.1)	7.1 (8.5)	–	–	–	–	–
4.3 (5.1)	5.6 (6.6)	–	–	–	–	–
65	78	18	24	36	48	48
25	25	–	–	–	–	–
1,400	1,400	1,400	1,400	1,400	1,400	1,400
400 / 12 / 50	400 / 12 / 50	400 / 32,6 / 50	400 / 41,2 / 50	400 / 58,6 / 50	400 / 78 / 50	400 / 81 / 50
–	–	20.6	26.6	38.6	54	56
–	–	50	63	80	80	100
7.5	7.5	–	–	–	–	–
5.5	5.5	–	–	–	–	–
235	240	130	130	140	140	140
800 x 650 x 1600	800 x 650 x 1600	800 x 650 x 1000	800 x 650 x 1000	800 x 650 x 1000	800 x 650 x 1000	800 x 650 x 1000

Ord. no.

Ord. no.

Ord. no.

Ord. no.

Ord. no.

Ord. no.

Ord. no.

✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	–	–	–	–	–
✓	✓	–	–	–	–	–
✓	✓	–	–	–	–	–
✓	✓	✓	✓	✓	✓	✓
✓	✓	–	–	–	–	–
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
(41,081)	(41,081)	(41,081)	(41,081)	(41,081)	(41,081)	(41,081)
(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)	(12,320 2)
(12,392 2-D25045)	(12,392 2-D2507)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)	(12,392 2-D25045)
–	–	–	–	–	–	–
(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)	(13,310)



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