



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

Professional Series

Valid from January 1, 2017



■ Made
■ in
■ Germany



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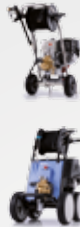


Kränzle products are available exclusively from specialist dealers.
And for good reason.

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 trained and authorised Kränzle specialist dealers.

Partner of specialist dealers!

Petrol engine high-pressure cleaners



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Hot water high-pressure cleaners



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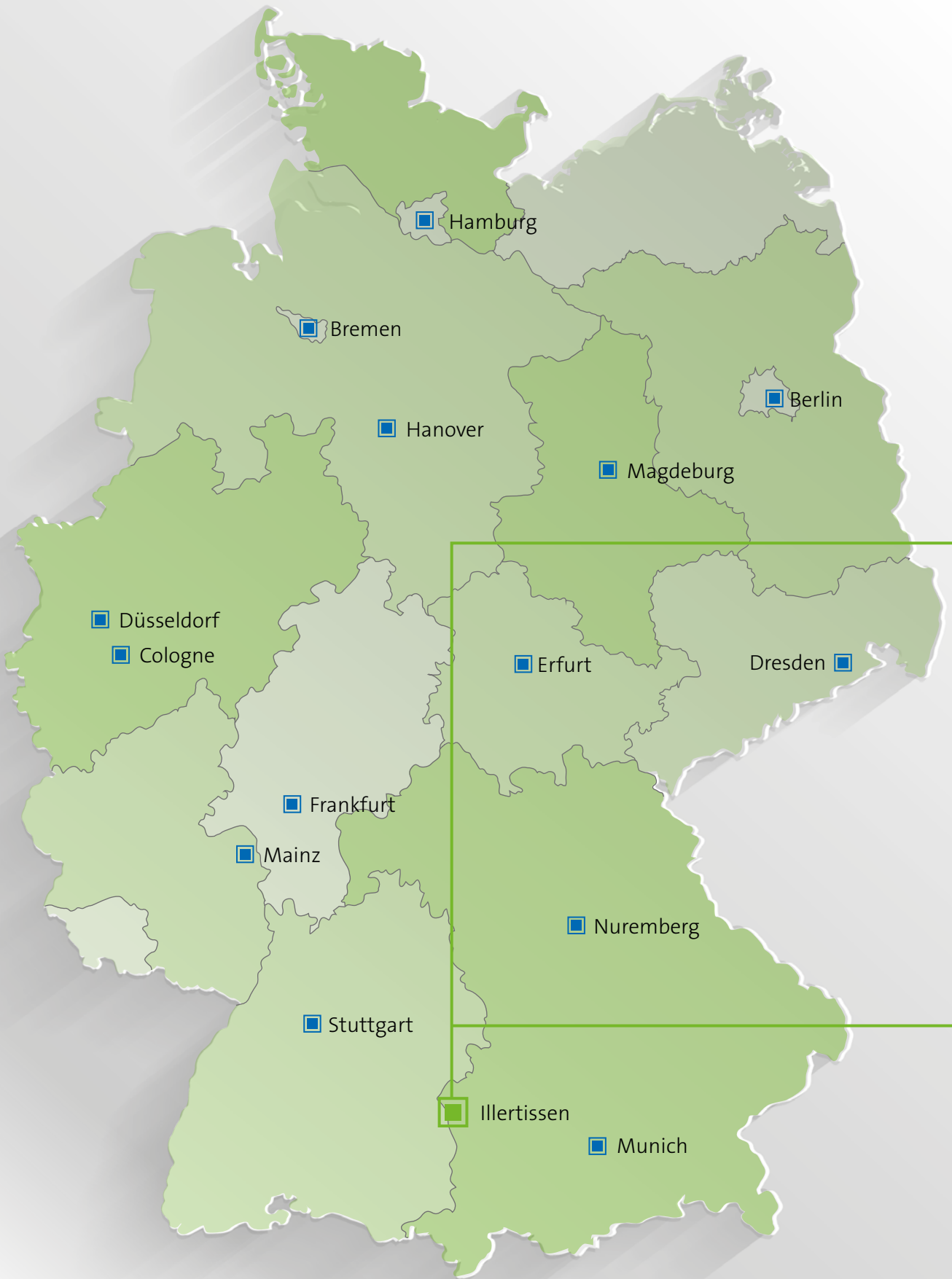
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- Made
- in
- Germany

Everything under one roof:

Kränzle combines production and distribution



Illertissen production plant 1



Illertissen production plant 2

Plant 1 in Illertissen houses the research and development, production, assembly and administration departments. The production alone covers an area of 20,000 m².

The sales and marketing departments will also be located in plant 1. Experienced sales professionals provide first class customer service and manage the worldwide network of authorized specialist dealers with regard to advice, delivery, marketing and service to the end consumers. Kränzle is

represented worldwide through their own subsidiaries in Switzerland and Poland and through an extensive network of importers in more than 90 countries.

The production plant 2 houses the new training center and the logistics department with a high bay warehouse and a storage capacity of 6,500 spaces for pallets. Plants 1 and 2 cover a total area of 54,000 m².



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



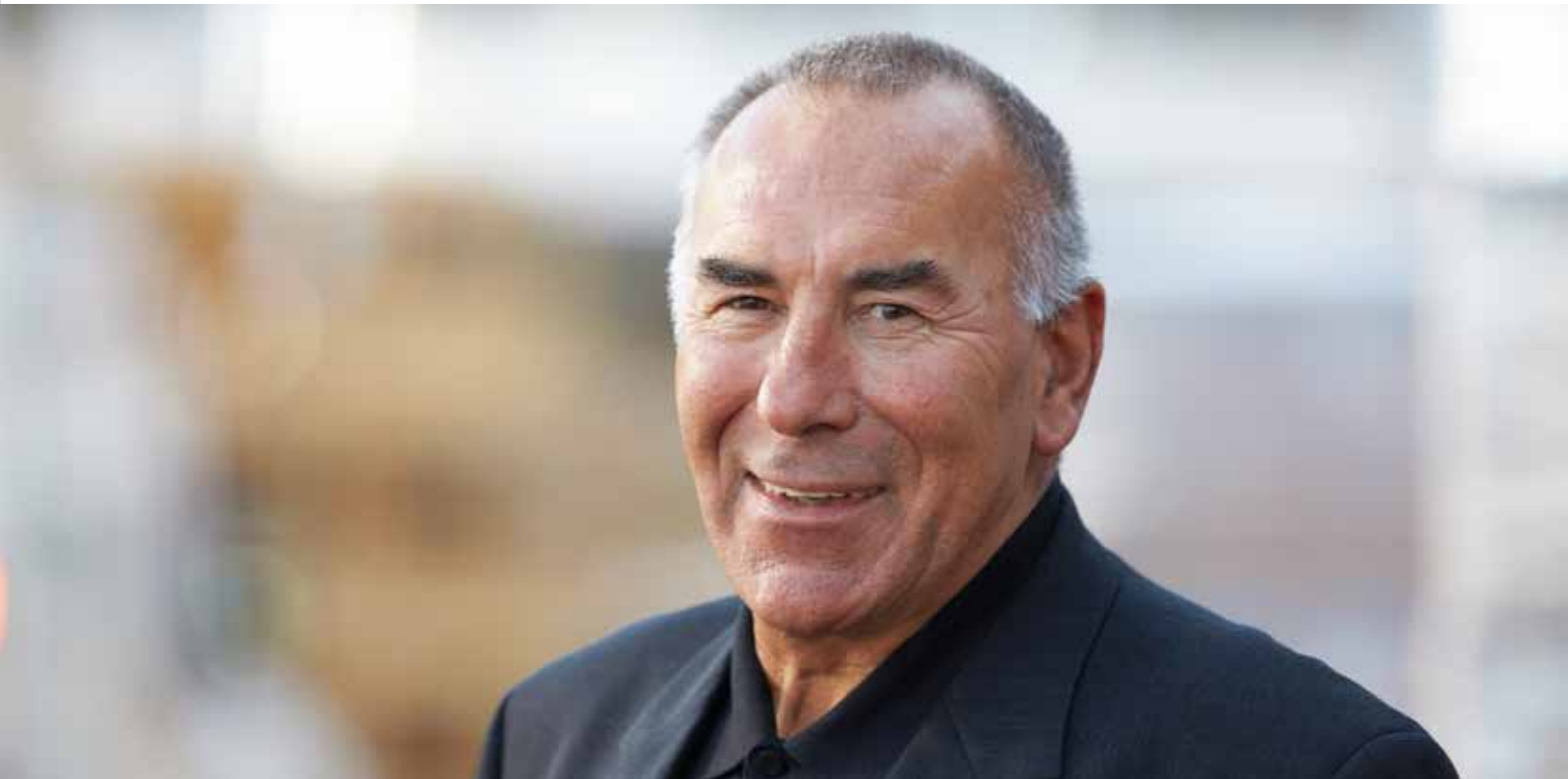


Fig.: The founder of the company and managing director Josef Kränzle

High pressure cleaners, industrial vacuum cleaners and hand powered sweepers – that is the world of Kränzle. Founded in 1974 by Josef Kränzle, the enterprise has developed into a worldwide quality leader of cleaning machines. Even today the founder of the company is still active as a managing partner, as is his son Ludwig Kränzle. The management board also includes Rainer Bolkart and Manfred Bauer who are responsible for construction and development and Marc Tritschler who is responsible for sales and 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/TST – 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, Kränzle 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

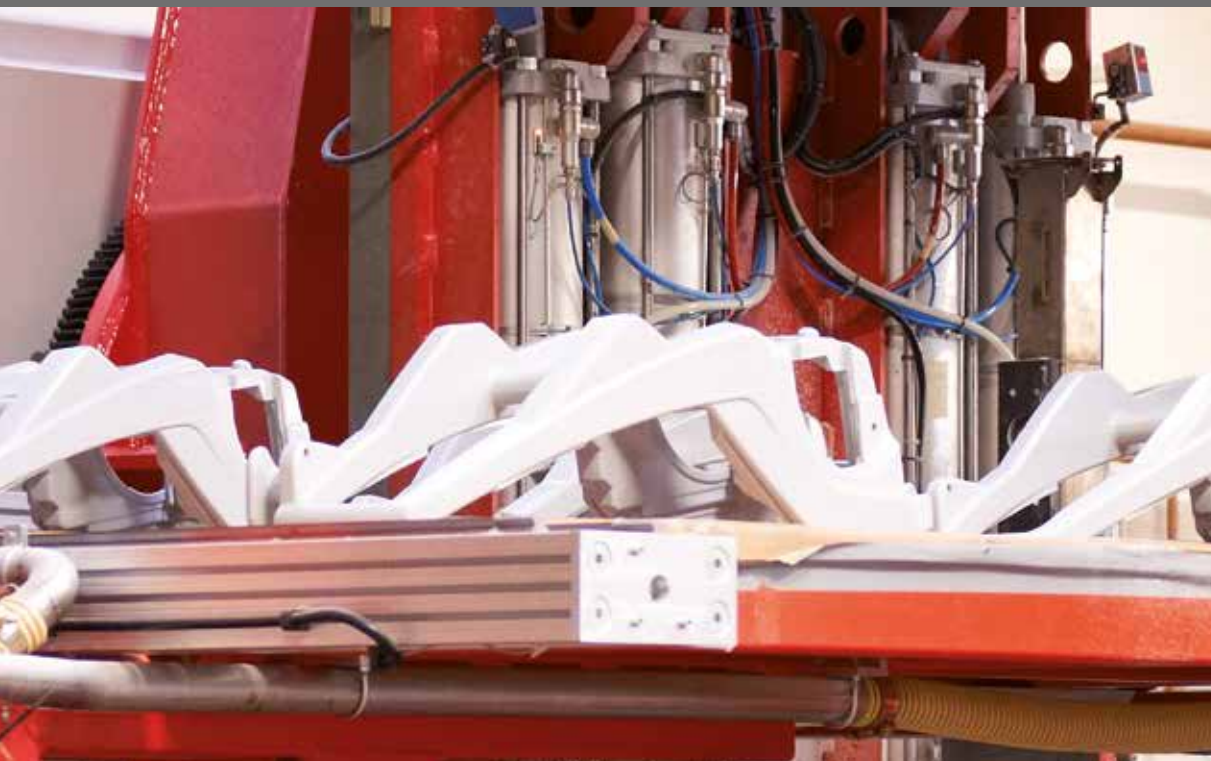
All high-pressure cleaners switch over to a pressure reduced bypass operation as soon as the trigger gun is released. The water is circulated with a residual pressure of approx. 10 bar. Models with the additional qualification TS (TOTAL-STOP) switch off at this point. Pump and motor are discharged leading 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

Models with hose drums offer maximum convenience and avoid tripping hazards caused by high-pressure hoses that are not coiled up. The large hose drums allow the use of up to 30 meter hoses, depending on the model, and therefore a much greater range.



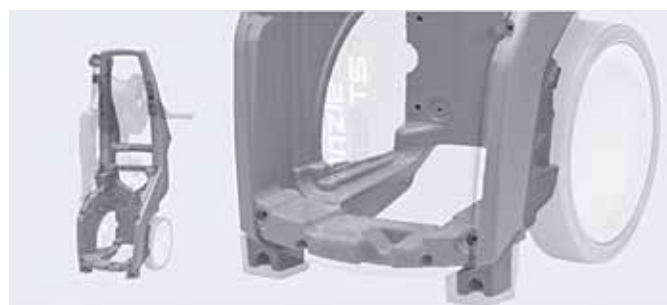
Order principle

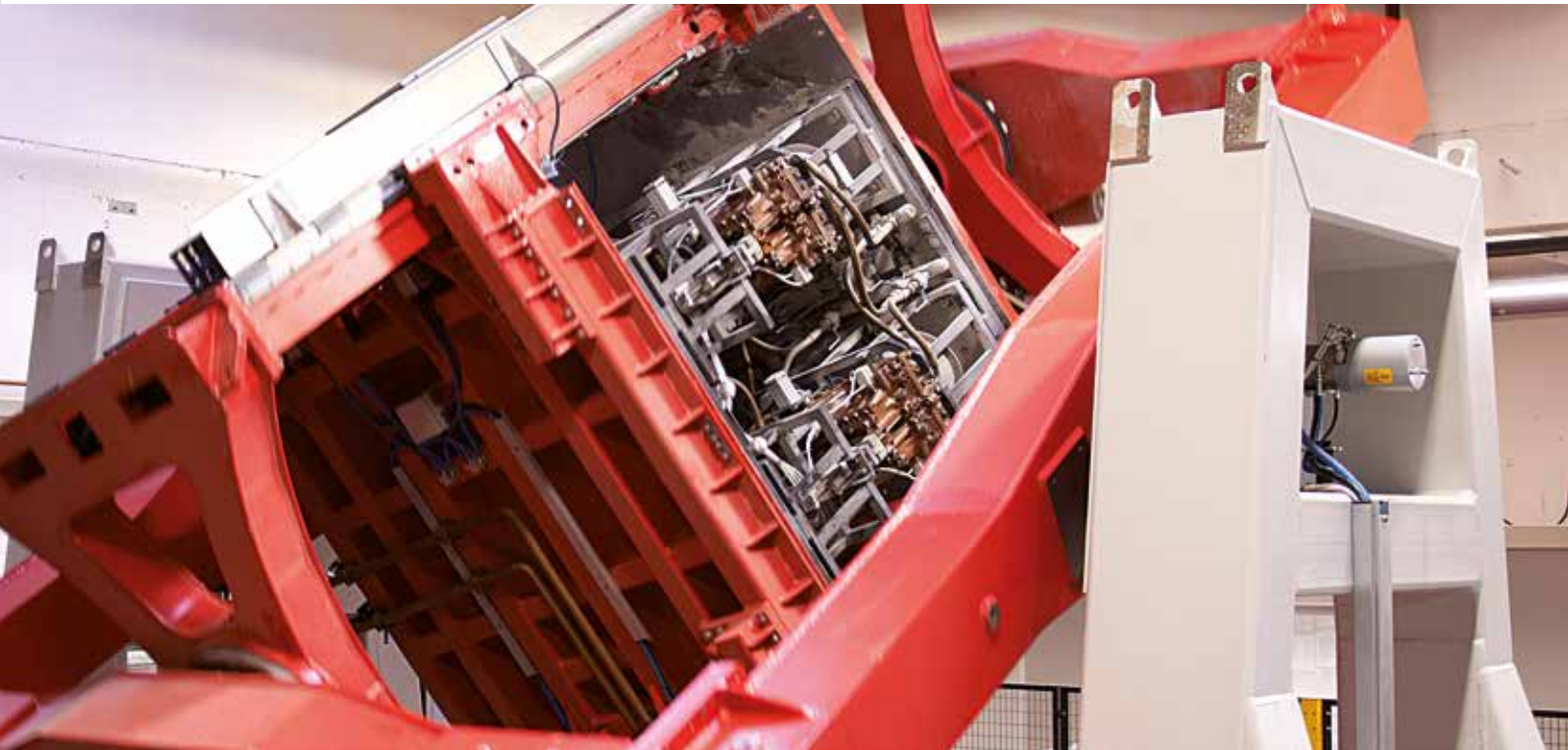
Storage receptacles for trigger gun with safety catch, Dirtkiller-, Turbokiller lance and lance with flat jet nozzle as well as the power cable coiling device ensure best working conditions and quick access to accessories.



Roto-Mold chassis

The machines of the series K 1152, K 2000, Profi, quadro and bully 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 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 chassis), 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 bully series, the LX 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 Kränzle accessories help you to take on a wide variety of projects, like with the removal of old paint and rust Kränzle 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: Kränzle 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 cleaning of buildings



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

Around house and garden Kränzle cleaning machines bring everything to shine again.

The applications are so variegated that an investment in Kränzle products is worth considering in the long term.

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 small power pack models inspire as the ideal high pressure cleaners for home and garden, as does the K 2000 series. And the tedious sweeping of sidewalks almost becomes a hobby. The reason for this is clear. Find out for yourself – experience the Kränzle hand powered sweepers.

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)



Fig. HD 10/122 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



Fig. 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	–	12.393-M20028	12.393-M20042	–
Stainless steel lance with regulating nozzle	–	–	–	12.701-M20042
Vario-Jet lance with stainless steel pipe	41.156 8-042	–	–	–

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



Fig. K 1152 TST
with hose drum



Fig. K 1152 TS
without hose drum



Technical specifications

	K 1152 TS	K 1152 TST
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	43.416 (10 m)	48.015 (15 m)
Trigger 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 (TST)
- 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



Fig. K 2160 TST
with hose drum



Fig. K 2160 TS
without hose drum



Technical specifications	K 2160 TS / TST	K 2195 TS / TST	K 2175 TS / TST
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	43.416 (10 m)	43.416 (10 m)	43.416 (10 m)
Steel braided high-pressure hose NW 6, with hose drum	48.015 (15 m)	48.015 (15 m)	48.015 (15 m)
Trigger 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



Fig. Profi 160 TST
with hose drum



Technical specifications	Profi 160 TST	Profi 195 TST	Profi 175 TST	Profi 15/120 TST
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, with hose drum	43.829	43.829	43.829	43.829
Trigger 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 (quadro 12/150 TST: 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



Fig. quadro 11/140 TST
with hose drum



Technical specifications	quadro 11/140 TST	quadro 9/170 TST	quadro 12/150 TST
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, with hose drum	40.170	40.170	40.170
Trigger 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 (quadro 599 TST: 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



Fig. quadro 799 TST
with hose drum



Technical specifications	quadro 599 TST	quadro 799 TST	quadro 899 TST
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, with hose drum	43.416 1 (20 m, NW 6)	43.416 1 (20 m, NW 6)	44.879 (15 m, NW 8)
Trigger 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
- 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

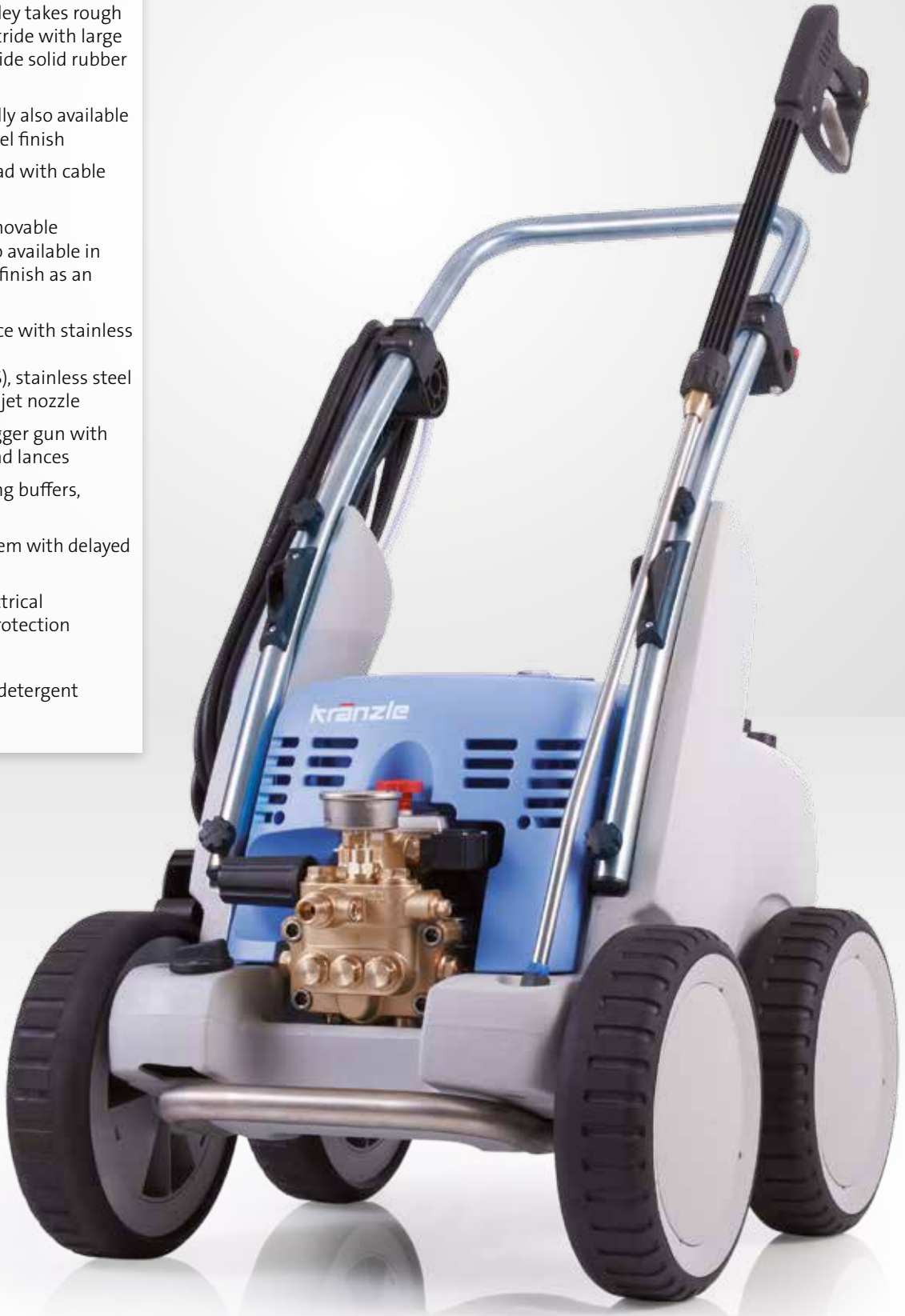


Fig. quadro 1200 TS
without hose drum



Technical specifications	quadro 1000 TS	quadro 1200 TS	quadro 1500 TS
Ord. no. with standard trolley	40.4211	40.4221	40.4261
Ord. no. with stainless steel trolley	40.4219	40.4229	40.4269
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, 10 m NW 8	41.081	41.081	41.081
Trigger 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 TST

- 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



Fig. quadro 1000 TST
with hose drum



Technical specifications	quadro 800 TST	quadro 1000 TST	quadro 1200 TST	quadro 1500 TST
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, 20 m NW 8, with hose drum	41.083	41.083	41.083	41.083
Trigger 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 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 (TST)
- 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



Fig. bully 980 TS without hose drum



Fig. bully 980 TST with hose drum



Technical specifications	bully 980 TS / TST	bully 1180 TS / TST
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	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 8, without hose drum	44.878 (10 m)	44.878 (10 m)
Steel braided high-pressure hose, NW 8, with hose drum	46.411 (15 m)	46.411 (15 m)
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

Robust power packs

The LX series

- Chassis made from robust steel pipe frame
- Integrated trolley takes rough ground in its stride
- Large wheels with wide solid rubber tyres
- Integrated impact protection
- Electrical control box, protected by stainless steel cover
- Overheat protection
- Special electric motor for operation with 16 A fuse
- Thermal overload switches
- Eccentric parking brake
- Hose drum with 20 m
- Steel braided high-pressure hose, NW 10
- Lance, gun and hose equipped with coupling system



Fig. LX 2500
with hose drum



Technical specifications	LX 2000	LX 2500
Ord. no. with hose drum	40.830	40.840
Operating pressure, continuously adjustable	30-150 bar (3-15 MPa)	30-130 bar (3-13 MPa)
Max. admissible overpressure	175 bar (17.5 MPa)	150 bar (15 MPa)
Water output	32 l/min (1,920 l/h)	41,5 l/min (2,490 l/h)
Motor speed	1,400 rpm	1,400 rpm
Connected load	400 V, 14 A, 50 Hz	400 V, 14 A, 50 Hz
Power intake / power output	9.6 kW / 7.8 kW	9.6 kW / 7.8 kW
Weight without accessories	125 kg	125 kg
Features & Equipment	Ord. no.	Ord. no.
Steel braided high-pressure hose, NW 10	47.702 1 (20 m)	47.702 1 (20 m)
Trigger gun with safety catch and quick-action coupling	12.327 3 (Starlet)	12.327 3 (Starlet)
Stainless steel lance with flat jet nozzle and plug-in nipple	12.420-D40125	12.420-D40175
Turbokiller with stainless steel lance 1000 mm, with recessed handles and plug-in nipple (optional)	12.430-12	12.430-18

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)



Fig. Profi-Jet B 13/150 portable design



Fig. Profi-Jet B 16/220 with stainless steel trolley, without hose drum



Fig. Profi-Jet B 16/220 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 20/200	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	30-250 bar / 3-25 MPa
Max. admissible overpressure	170 bar / 17 MPa	220 bar / 22 MPa	220 bar / 22 MPa	220 bar / 22 MPa	270 bar / 27 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	44.878 (10 m)	41.081 (10 m)	–	–	–
■ with stainless steel trolley	44.878 (10 m)	41.081 (10 m)	41.081 (10 m)	41.081 (10 m)	41.081 (10 m)
■ with stainless steel trolley, hose drum	41.083 (20 m)	41.083 (20 m)	–	–	–
■ with stainless steel trolley, speed control	–	–	41.081 (10 m)	41.081 (10 m)	41.081 (10 m)
■ with stainless steel trolley, speed control, hose drum	–	–	41.083 (20 m)	41.083 (20 m)	41.083 (20 m)
Trigger gun with safety catch	12.480 (M2000)	12.480 (M2000)	12.320 2 (Starlet)	12.320 2 (Starlet)	12.320 2 (Starlet)
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



Fig. B 170 T
with hose drum



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, with hose drum	41.083	41.083	41.083	41.083	41.083
Trigger gun with safety catch	12.489 (M2000)	12.489 (M2000)	12.320 2 (Starlet)	12.320 2 (Starlet)	12.320 2 (Starlet)
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 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 two 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.

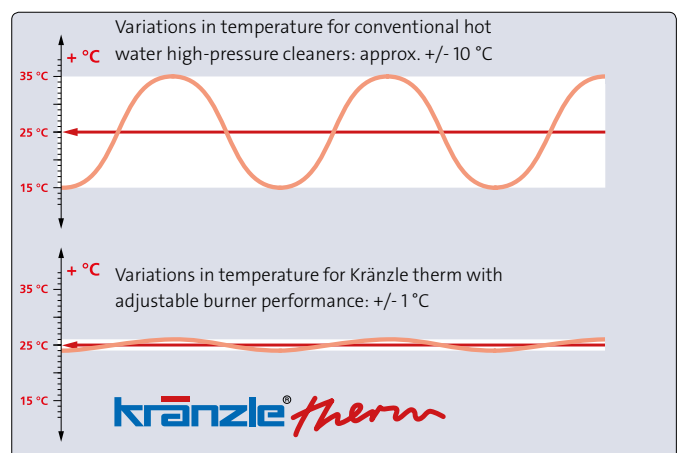
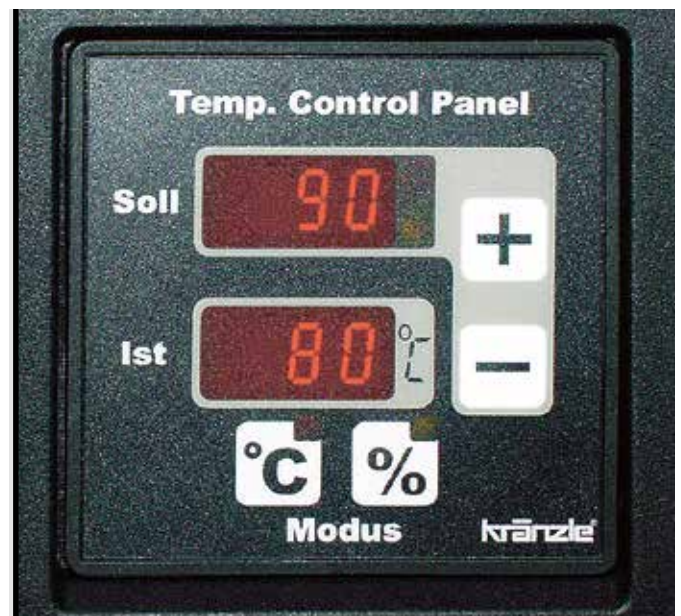
Operation mode 2: Burner output %

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 (therm 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



Fig. therm CA 12/150
with hose drum



Fig. therm CA 12/150
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	44.878 (10 m)	44.878 (10 m)	44.878 (10 m)
Steel braided high-pressure hose, NW 8, with hose drum	44.879 (15 m)	44.879 (15 m)	44.879 (15 m)
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 (therm C 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 with delayed motor cut-off
- Security motor cut-off
- Water flow monitoring
- Pre-aeration of combustion chamber
- Optical flame control
- Security thermostat, switches the device off when exhausting gas temperature surpasses 260 °C
- Quadruple security system with overload protection
- Burner switches off when fuel is missing
- Detergent aspiration
- Parking brake



Fig. therm C 11/130 with hose drum



Fig. therm C 11/130 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, without hose drum	44.878 (10 m)	44.878 (10 m)	44.878 (10 m)
Steel braided high-pressure hose, NW 8, with hose drum	44.879 (15 m)	44.879 (15 m)	44.879 (15 m)
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 260°
- 4-way safety system with overload protection
- Low fuel cut off for burner
- Operating hours meter
- High pressure detergent
- Parking brake
- Percentage mode



Fig. therm 895-1
with hose drum



Fig. therm 895-1
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	41.081 (10 m)	41.081 (10 m)	41.081 (10 m)	41.081 (10 m)	41.081 (10 m)
Steel braided high-pressure hose, NW 8, with hose drum	44.381 2 (20 m)	44.381 2 (20 m)	44.381 2 (20 m)	44.381 2 (20 m)	44.381 2 (20 m)
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

* While stock is available!



Fig. therm 602 E-M 18
with hose drum



Fig. therm 602 E-M 18
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)

*** While stock is available!**



Fig. W 15/220



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

*** While stock is available!**



Fig. therm 895 ST


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

*** While stock is available!**



Fig. therm 891 E-ST 48



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!

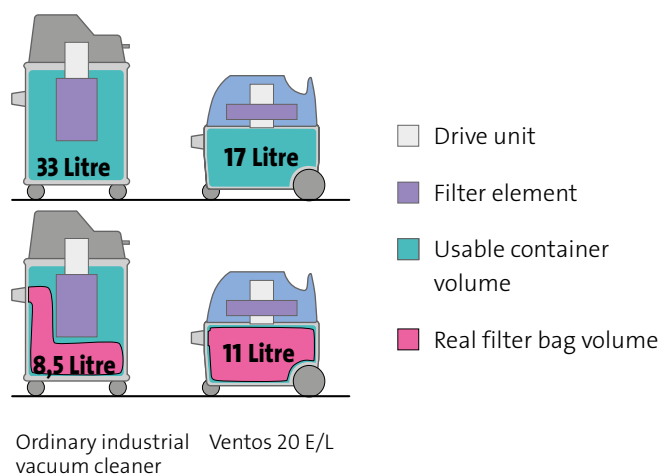
The wet and dry vacuum cleaners Kränzle-Ventos are the best example of the innovative power of Kränzle. The thought-through construction principle not only maximises space for use with a filter bag, but also offers best function, suction power and stability with its many technical details.

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



Fig. Ventos 30 E/L


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



Fig. Kränzle 2 + 2



Technical specifications

Kränzle 2 + 2

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



Fig. Kränzle 1+1



Technical specifications

Kränzle 1 + 1

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
- Inlet: M22x1,5 male

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 °
- Inlet: M22x1,5 male

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
- Inlet: M22x1,5 male

Nozzle system **045**

Ord. no. 41.861

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
- Inlet: M22x1,5 male

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
- Inlet: M22x1,5 male

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
- Inlet: M22x1,5 male

Nozzle system 055 as standard

Ord. no. 41.106

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
- Inlet: M22x1,5 male

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



- NW 5
- min. 10 l/min
- max. 19 l/min
- min. 120 bar (12 MPa)
- max. 200 bar (20 MPa)
- max. 60 °C
- Inlet: M22x1,5 male

Option: rotating pipe cleaning nozzle (KNR) in combination with reduction part-no. 12.021 available by extra surcharge.

Nozzle size KN 055 as standard

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 KNF 055 with front hole

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

Universal wall bracket for accessories „Butler“



Supplied without accessories

Ord. no. 41.262

**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)
- Inlet: M22x1,5 male

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 m
- Suction power 10.000 l/h at approx. 130 bar (13 MPa)
17,500 l/h at approx. 220 bar (22 MPa)
- Inlet: M22x1,5 male

Nozzle size D00045 as standard

Sludge sucker stainless steel	Ord. no. 41.801
Attachment blue for pool cleaning	Ord. no. 41.802

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
- Connection: 3/4" female

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

Ord. no. 15.038 3

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
- Inlet: M22x1,5 male

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.**

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

Detergent and foam injectors



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

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

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

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

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



13.390 1



13.391 2

- 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 042 as standard

Foam injector, M22x1,5 male, 1 l	Ord. no. 13.390 1
Foam injector, M22x1,5 male, 2 l	Ord. no. 13.390 2
Foam injector, quick release male insert D12, 1 l	Ord. no. 13.391 1
Foam injector, quick release male insert D12, 2 l	Ord. no. 13.391 2

Screw-in injectors



- with stainless steel lance and regulating nozzle
- Inlet: M22x1,5 male

Nozzle 028



Ord. no. 13.376 7

Nozzle 042



Ord. no. 13.376 6

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

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
- Inlet: M22x1,5 male

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
- Inlet: M22x1,5 male

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" male	3/4" female	13.310	3/4" male	3/4" female	13.300 3

Cleaning brush, transverse



- Brush head L 240 x B 90 mm
- max. 35 °C
- Inlet: M22x1,5 male

Ord. no. 41.050 0

Water inlet filter 5"




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


Inlet	Outlet	Ord. no.
3/4" female	3/4" female	13.320 0
3/4" male	3/4" female	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 TST, 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 TST	additional Ord. no. 30.010
	quadro 899 TST, bully, therm CA/C	additional Ord. no. 30.010 1
	The big quadros, therm-1 series	additional Ord. no. 30.003

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 	Transmission oil specifically for high-pressure pumps (AZ, AP, APG) Ord. no. 40.092 2	High-performance transmission oil specifically for high-pressure pumps (AM, AQ) Ord. no. 40.093 2
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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: M22x1,5 male Outlet: 1/4" female	12.490
	Inlet: M22x1,5 male Outlet: screw coupling M22x1,5 female	12.491
	Inlet: M22x1,5 male Outlet: quick release female coupling D12	12.492
	Inlet: 3/8" female Outlet: 1/4" female	12.493

Starlet

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

Starlet, short design		Ord. no.
	Inlet: M22x1,5 male Outlet: 1/4" female	12.326
	Inlet: M22x1,5 male Outlet: screw coupling M22x1,5 female	12.327 1
	Inlet: M22x1,5 male Outlet: quick release female coupling D12	12.327 2
	Inlet: 3/8" female Outlet: 1/4" female	12.320

M2000 with extension

M2000 with extension		Ord. no.
	Inlet: M22x1,5 male Outlet: screw coupling M22x1,5 female	12.480 12.489 (K 1132, B 170 T, B 200 T)
	Inlet: M22x1,5 male Outlet: quick release female coupling D12	12.481

Starlet with extension

Starlet with extension		Ord. no.
	Inlet: M22x1,5 male Outlet: screw coupling M22x1,5 female	12.320 2
	Inlet: M22x1,5 male Outlet: quick release female coupling D12	12.328

M2000, one piece design

M2000, one piece design		Ord. no.
	with cranked stainless steel lance and flat jet nozzle Inlet: M22x1,5 male	
D25045		12.486-D25045
D25055		12.486-D25055
D2507		12.486-D2507

Starlet, one piece design

Starlet, one piece design		Ord. no.
	with cranked stainless steel lance and flat jet nozzle Inlet: M22x1,5 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.

O-rings for all Kränzle manual screw connections M22x1,5

	Set of 10	Ord. no. 13.273 5		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)

*with swivel coupling

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	M22x1,5 female	M22x1,5 female	–	43.416	43.416 2
6	15	210 (21)	1	M14x1,5 female	M22x1,5 female	K 1151 T, small quadro	40.170	40.170 1
6	15	210 (21)	1	Nipple, rotatable	M22x1,5 female	K 1152 TST, K 2000	48.015	48.015 1
6	15	210 (21)	1	M22x1,5 female	M22x1,5 female	Profi series	43.829	43.829 1
6	20	210 (21)	1	M22x1,5 female	M22x1,5 female	–	43.416 1	43.416 3
8	1	400 (40)	2	M22x1,5 female	M22x1,5 female	Connection hose drum	41.265	–
8	2	220 (22)	1	M22x1,5 female	M22x1,5 female	Connection hose drum	41.265 1	–
8	10	220 (22)	1	M22x1,5 female	M22x1,5 female*	–	44.878	–
8	15	220 (22)	1	M22x1,5 female	M22x1,5 female*	–	44.879	–
8	10	400 (40)	2	M22x1,5 female	M22x1,5 female*	–	41.081	41.081 1
8	15	400 (40)	2	M22x1,5 female	M22x1,5 female*	–	–	41.082 1
8	20	400 (40)	2	M22x1,5 female	M22x1,5 female*	therm-1 with drum	44.381 2	44.381 3
8	20	400 (40)	2	M22x1,5 female	M22x1,5 female*	–	41.083	41.083 1
8	25	400 (40)	2	M22x1,5 female	M22x1,5 female*	–	41.084	41.084 1
8	30	400 (40)	2	M22x1,5 female	M22x1,5 female*	–	41.080	41.080 1

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

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 joiner

■ M22x1,5 male on both sides



Ord. no. 13.286

Swivel coupling, rotatable

■ Screw coupling M22x1,5 female to M22x1,5 male



Ord. no. 13.360 2

Adapter, rotatable

■ M22x1,5 male, for hose drum 41.259 as of 07/2008



Ord. no. 13.250

Non-return valve

■ with anti-vacuum device
Inlet: 3/4" female
Outlet: 3/4" male



Ord. no. 41.016 4

Ball cock

■ Screw coupling M22x1,5 female on both sides



Ord. no. 13.291 2

The right lance and nozzle for every use

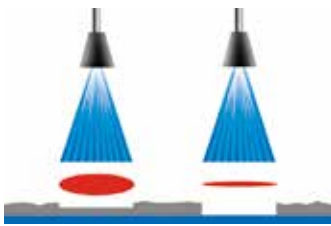
Stainless steel lances with flat jet nozzle/regulating nozzle



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



■ Inlet: M22x1,5 male

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 600 mm with regulating nozzle



■ Inlet: M22x1,5 male

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 500 mm with regulating nozzle



■ Inlet: M22x1,5 male

Nozzle	Length mm	Ord. no.
M20042	500	12.701-M20042

Stainless steel lance with nozzle Vario-Jet



■ Inlet: M22x1,5 male

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

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.

These quick coupling systems are only available for the following series: medium and big quadros, therm CA, therm C and therm-1.

	Trigger gun with safety catch with quick release coupling and lance with quick release male insert D12 instead of version with screw connections M22x1,5	Ord. no. 31.001
	Trigger gun with safety catch with quick release coupling and 2 lances with quick release male insert D12 instead of version with screw connections M22x1,5	Ord. no. 31.001 2
	Trigger gun with safety catch and lance with screw connection M22x1,5 instead of one piece version	Ord. no. 31.002
	Trigger gun with safety catch assembled with quick release coupling D12 (male and female) instead of the non-divisible version (therm CA, therm C)	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



■ Inlet: quick release male insert D12
 ■ 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, 1/4" female	1000	12.420

Dirtkiller with stainless steel lance and recessed handles



■ Inlet: quick release male insert D12
 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, 1/4" male	1000	12.442

Turbokiller with stainless steel lance and recessed handles



■ Inlet: quick release male insert D12
 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, 1/4" male	1000	12.442

Adapter recessed handles 400 mm extension	Adapter	Quick release female coupling	Quick release male insert D12												
<p>■ Inlet: quick release male insert D12 ■ Outlet: screw coupling M22x1,5 female</p> <p>Ord. no. 12.440</p>	<p>■ Inlet: quick release male insert D12 ■ Outlet: screw coupling M22x1,5 female</p> <p>Ord. no. 12.441</p>	<p>■ quick release female coupling D12</p> <table border="1"> <tr> <td>1/4" female</td> <td>Ord. no. 13.450</td> </tr> <tr> <td>1/4" male</td> <td>Ord. no. 13.451</td> </tr> </table>	1/4" female	Ord. no. 13.450	1/4" male	Ord. no. 13.451	<p>■ quick release male insert D12</p> <table border="1"> <tr> <td>1/4" female</td> <td>Ord. no. 13.470</td> </tr> <tr> <td>M22x1,5 male</td> <td>Ord. no. 13.471</td> </tr> <tr> <td>M12x1 female</td> <td>Ord. no. 13.474</td> </tr> <tr> <td>1/4" male</td> <td>Ord. no. 13.475</td> </tr> </table>	1/4" female	Ord. no. 13.470	M22x1,5 male	Ord. no. 13.471	M12x1 female	Ord. no. 13.474	1/4" male	Ord. no. 13.475
1/4" female	Ord. no. 13.450														
1/4" male	Ord. no. 13.451														
1/4" female	Ord. no. 13.470														
M22x1,5 male	Ord. no. 13.471														
M12x1 female	Ord. no. 13.474														
1/4" male	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
- Inlet: M22x1,5 male



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)
- Inlet: M22x1,5 male



Nozzle size 4007
Ord. no. 41.075

Double lances with ISO handle



- Inlet: M22x1,5 male

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

- Inlet: M22x1,5 male



Nozzle size D25055

Ord. no. 41.076

Double lances without ISO handle



- Inlet: M22x1,5 male

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

- Inlet: M22x1,5 male
- Outlet: screw coupling M22x1,5 female



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
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

For an eye catching display and the best product presentation

The professional shop wall stands and island unit

Professional shop wall stand

Width: 1,25 m
Height: 2,20 m



Module A: Ord. no. 16.200

Professional shop wall stand with high pressure hoses

Width: 2,50 m
Height: 2,20 m



Module B: Ord. no. 16.201 1

Module A: Ord. no. 16.200

Professional shop wall stand with shelf

Width: 2,50 m
Height: 2,20 m



Module C: Ord. no. 16.201 2

Module A: Ord. no. 16.200

Professional island unit

Width: 1 m + products
Height: 1,40 m



Professional island unit: Ord. no. 16.202

The professional shop wall stands and island unit are only available for Kränzle importers and specialist dealers (unequipped). The banners of the shop wall stands are illuminated.

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 TST	K 2160 TS	K 2160 TST
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)	43.416 (10 m)	43.416 (10 m)	43.416 (10 m)	43.416 (10 m)	43.416 (10 m)	48.015 (15 m)	43.416 (10 m)	48.015 (15 m)
Trigger 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

Compatibility of floor cleaner Round Cleaner	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Floor cleaner range, p. 71 (optional obtainable)	–	–	41.855	41.855	41.855	41.855	41.855	41.855
	–	–	41.850	41.850	41.850	41.850	41.850	41.850
	–	–	41.861	41.861	41.861	41.861	41.861	41.861

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


Technical specifications	K 2195 TS	K 2195 TST	K 2175 TS	K 2175 TST	Profi 160 TST	Profi 195 TST	Profi 175 TST	Profi 15/120 TST
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)	43.416 (10 m)	48.015 (15 m)	43.416 (10 m)	48.015 (15 m)	43.829 (15 m)	43.829 (15 m)	43.829 (15 m)	43.829 (15 m)
Trigger 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

Compatibility of floor cleaner Round Cleaner	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Floor cleaner range, p. 71 (optional obtainable)	–	–	41.855	41.855	41.855	–	41.855	–
	–	–	41.850	41.850	41.850	–	41.850	–
	–	–	41.861	41.861	41.861	–	41.861	–

Cold water high-pressure cleaners

The small quadros, p. 30 – 31

The medium quadros, p. 32 – 33



Technical specifications	quadro 11/140 TST	quadro 9/170 TST	quadro 12/150 TST	quadro 599 TST	quadro 799 TST	quadro 899 TST
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	40.170 (15 m, NW 6)	40.170 (15 m, NW 6)	40.170 (15 m, NW 6)	43.416 1 (20 m, NW 6)	43.416 1 (20 m, NW 6)	44.879 (15 m, NW 8)
Trigger gun with safety catch	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)
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	–	–	–	–	–	–

Compatibility of floor cleaner Round Cleaner	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Floor cleaner range, p. 71 (optional obtainable)	41.855	–	41.855	–	41.855	–
	41.850	–	41.850	–	41.850	–
	41.861	–	41.861	–	41.861	–

The big quados, p. 34 – 37



Technical specifications	quadro 800 TST	quadro 1000 TS	quadro 1000 TST	quadro 1200 TS	quadro 1200 TST	quadro 1500 TS	quadro 1500 TST
Ord. no. with standard trolley	40.423	40.4211	40.421	40.4221	40.422	40.4261	40.426
Ord. no. with stainless steel trolley	40.423 0	40.421 9	40.421 0	40.422 9	40.422 0	40.426 9	40.426 0
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	● 10	● 11
Nozzle size, flat jet nozzle	● 2504	● 2505	● 2505	● 2507	● 2507	● 2010	● 2011
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	82	89	82	89	82	89
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	41.083 (20 m, NW 8)	41.081 (10 m, NW 8)	41.083 (20 m, NW 8)	41.081 (10 m, NW 8)	41.083 (20 m, NW 8)	41.081 (10 m, NW 8)	41.083 (20 m, NW 8)
Trigger gun with safety catch	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)
Dirtkiller lance, Turbokiller lance with stainless steel pipe	41.072	–	41.580-05	–	41.072 7	41.580-10	41.580-11
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-M2010	12.392 2-M2011
Parking brake	✓	✓	✓	✓	✓	✓	✓
Water inlet filter	–	–	–	–	–	✓	✓

Compatibility of floor cleaner Round Cleaner	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Floor cleaner range, p. 71 (optional obtainable)	41.106	41.106	41.106	–	–	–	–
	–	41.107	41.107	–	–	–	–
	–	–	–	–	–	–	–

Cold water high-pressure cleaners

The bully, p. 38 – 39



bully 980 TS

bully 980 TST

bully 1180 TS

bully 1180 TST

Technical specifications

	bully 980 TS	bully 980 TST	bully 1180 TS	bully 1180 TST
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	44.878 (10 m)	46.411 (15 m)	44.878 (10 m)	46.411 (15 m)
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	–	–	–	–

Compatibility of floor cleaner Round Cleaner

	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Floor cleaner range, p. 71 (optional obtainable)	41.860	41.860	–	–
	41.105	41.105	–	–
	41.106	41.106	–	–
	41.107	41.107	–	–

The LX series, p. 40 – 41



LX 2000

LX 2500

Technical specifications

Ord. no. with hose drum	40.830	40.840
Operating pressure, bar (MPa), continuously adjustable	30-150 (3-15)	30-130 (3-13)
Max. admissible overpressure, bar (MPa)	175 (17.5)	150 (15)
Water output, l/min (l/h)	32 (1,920)	41.5 (2,490)
Inlet water temperature, max. °C	60	60
Suction height, m	3	3
Nozzle size, Turbokiller	12	18
Nozzle size, flat jet nozzle	D40125	D40175
Motor speed, rpm	1,400	1,400
Connected load, V / A / Hz	400 / 14 / 50	400 / 14 / 50
Power intake / power output, kW	9.6 / 7.8	9.6 / 7.8
Weight without accessories, kg	125	125
Dimensions (L x W x H) in mm	735 x 586 x 990	735 x 586 x 990

Features & Equipment

	Ord. no.	Ord. no.
Total-Stop system	–	–
Water tank	–	–
Low pressure detergent	–	–
Hose drum	✓	✓
Steel braided high-pressure hose, NW	47.702 1 (20 m)	47.702 1 (20 m)
Trigger gun with safety catch with quick-action coupling	12.327 3 (Starlet)	12.327 3 (Starlet)
Stainless steel lance with flat jet nozzle and plug-in nipple	12.420-D40125	12.420-D40175
Turbokiller with stainless steel lance 1000 mm, with recessed handles and plug-in nipple (optional)	12.430-12	12.430-18
Parking brake	✓	✓
Water inlet filter	–	–

**Compatibility of floor cleaner
Round Cleaner**

	Ord. no.	Ord. no.
	–	–
Floor cleaner range, p. 71 (optional obtainable)	–	–
	–	–
	–	–

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	44.878 (10 m)	44.878 (10 m)	41.083 (20 m)	41.081 (10 m)	41.081 (10 m)	41.083 (20 m)
Trigger gun with safety catch	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)	12.480 (M2000)
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

Compatibility of floor cleaner Round Cleaner	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Floor cleaner range, p. 71 (optional obtainable)	41.860	41.860	41.860	–	–	–
	41.105	41.105	41.105	–	–	–
	–	–	–	–	–	–

The Profi-Jet series, p. 42 – 43



**Profi-Jet B
16/220**

**Profi-Jet B
16/220**

**Profi-Jet B
16/220**

**Profi-Jet B
20/200**

**Profi-Jet B
20/200**

**Profi-Jet B
20/200**

**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.
✓	✓	✓	✓	✓	✓	✓	✓	✓
–	✓	✓	–	✓	✓	–	✓	✓
–	–	✓	–	–	✓	–	–	✓
41.081 (10 m)	41.081 (10 m)	41.083 (20 m)	41.081 (10 m)	41.081 (10 m)	41.083 (20 m)	41.081 (10 m)	41.081 (10 m)	41.083 (20 m)
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 (Starlet)
–	–	–	–	–	–	–	–	–
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

Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
41.106	41.106	41.106	–	–	–	41.106	41.106	41.106
41.107	41.107	41.107	–	–	–	41.107	41.107	41.107
–	–	–	–	–	–	–	–	–

Petrol engine high-pressure cleaners

The complete ones with Honda motor, p. 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 m NW 8	41.083	41.083	41.083	41.083	41.083
Trigger gun with safety catch	12.489 (M2000)	12.489 (M2000)	12.320 2 (Starlet)	12.320 2 (Starlet)	12.320 2 (Starlet)
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

Compatibility of floor cleaner Round Cleaner	Ord. no.	Ord. no.	Ord. no.	Ord. no.	Ord. no.
Floor cleaner range, p. 71 (optional obtainable)	41.860	41.105	–	41.106	41.106
	41.105	41.106	–	41.107	41.107
	–	–	–	–	–



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 260 °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	44.878 (10 m) / 44.879 (15 m)	44.878 (10 m) / 44.879 (15 m)	44.878 (10 m) / 44.879 (15 m)	44.878 (10 m) / 44.879 (15 m)	44.878 (10 m) / 44.879 (15 m)	44.878 (10 m) / 44.879 (15 m)
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.
–	–	–	–	–	–	–	–	–
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	–	–	–	–
✓	✓	✓	✓	✓	–	–	–	–
✓	✓	✓	✓	✓	–	–	–	–
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓	– / ✓
41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)	41.081 (10 m) / 44.381 2 (20 m)
–	–	–	–	–	–	–	–	–
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

*While stock is available!

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

*While stock is available!

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	● 25045	● 25045
● 25045	● 2507	○ 2503 / ● 25045	○ 2503 / ● 25045	○ 2503 / ● 25045	● 25045	● 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

*While stock is available!

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