



Kränzle Overall Range

PROFESSIONAL SERIES

VALID FROM FEBRUARY 1, 2018

QUALITY IN ALL AREAS

FROM PROS, FOR PROS!



Managing director
Ludwig Kränzle

Company founder & managing director
Josef Kränzle

TRADITION MEETS INNOVATION! WE SET NEW STANDARDS!

For more than 40 years, the name of Kränzle has been synonymous with highest quality, innovation power and keen environmental awareness. Our engineers from research and development continually work on innovations that offer convincing solutions to the global demands of the cleaning industry. High-quality materials, sophisticated technology and experienced employees are the building blocks that have made the Kränzle brand a global quality leader for cleaning machines.

As a team, we go beyond our own limits every single day in order to provide important impulses for new developments and product improvements for our customers from around the world. Tradition meets innovation! We set new standards!



Management members. From left to right:
Marc Tritschler, Michael Iske, Josef Kränzle, Rainer Bolkart, Sigrid Kränzle, Ludwig Kränzle, Manfred Bauer,





OUR QUALITY CLAIM

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.

■ 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.“

■ Made
■ in
■ Germany

WE ARE THERE FOR YOU

📍 **Josef Kränzle GmbH & Co. KG**
Rudolf-Diesel-Straße 20
89257 Illertissen (Germany)

☎ Phone switchboard: +49 (0) 7303 / 96 05-0
Phone sales: +49 (0) 7303 / 96 05-250
Fax: +49 (0) 7303 / 96 05-670

🌐 sales@kraenzle.com
www.kraenzle.com

GENERAL DIRECTIVES

This catalogue is valid as of 01 February 2018. All previous catalogues are rendered invalid on 01 February 2018.

Please note that no claims can be derived from any information or images contained in this catalogue. Modifications in technology, design, colour, equipment and price are subject to change. This catalogue including all content is protected by copyright laws. Kränzle reserves all rights associated, in particular with regard to reproduction, translation and processing with the use of electronic systems.

Subject to The General Terms and Conditions of Josef Kränzle GmbH & Co. KG

TABLE OF CONTENTS

EVERYTHING AT A GLANCE!

INDUSTRY SOLUTIONS	
For each application the perfect Kränzle.....	6-7
TOP TECHNOLOGY IN DETAIL	
Technical highlights	8-9
COLD WATER – PORTABLE	
The HD-Series	10-13
COLD WATER – TWO-WHEEL	
The K 1152-Series	14-15
The K 2000-Series	16-17
The Profi-Series	18-19
The bully-Series	20-21
COLD WATER – FOUR WHEELS	
The small quadro-Series	22-23
The middle quadro-Series	24-25
The large quadro-Series	26-28
The LX-Series	30-31
COLD WATER – WITH COMBUSTION ENGINE	
The Profi-Jet-Series (portable)	32-33
The Profi-Jet-Series (mobil - without hose drum)	34-35
The Profi-Jet-Series (mobil - incl. hose drum)	36-37
The B-Series	38-39
HOT WATER – OIL HEATED	
The therm-CA-Series	40-41
The therm-C-Series	42-43
The therm-1-Series	44-46
Technical highlights	47
ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER	
Floor cleaner	49
Water filter	50
Washing brushes / Miscellaneous	50
Foam injectors	51
Cleaning agents	51
Pipe-cleaning hoses / Suction attachments	52
Trigger guns with safety catches	53
Lances with screw connection	54
Lances with quick-change plug-in system	55
Special lances	56
Adapter / Spare parts	57
High-pressure hoses	58
Hose drums / Retrofitting sets	59
ACCESSORIES COMPATIBILITY	
Accessories for standard devices	60-67
HAND POWER SWEEPERS	
Kränzle 2+2	68
Kränzle 1+1	69
INDUSTRIAL VACUUM CLEANERS	
The Ventos-Series	70-71
Technical highlights	72
Accessories range	73
DEVICE COMPARISON – TECHNICAL DATA	
Cold water – portable	74
Cold water – two-wheel	75-77
Cold water – four wheels	78-80
Cold water – with combustion engine	81-83
Hot water – oil heated	84-87
NOZZLE SIZES – FLOW VOLUME	
Standardised nozzle table	88-89

INDUSTRY SOLUTIONS

FOR EACH APPLICATION THE PERFECT KRÄNZLE!

EACH INDUSTRY REQUIRES INDIVIDUAL SOLUTIONS

Requirements and tasks to high-pressure cleaners, wet and dry vacuum cleaners as well as power sweepers considerably differ from industry to industry. Therefore, Kränzle has developed a product range which, thanks to its diversity and depth, complies with all requirements superiorly.

No demands are too high, no cleaning tasks too difficult. Kränzle is your professional partner for any demand from your industry.



CLEANING OF BUILDINGS - HOUSE & YARD

Kränzle cleaning units will make everything around your house and yard shine again. Terraces, driveways, stairwells, walls, fences or garden furniture – Kränzle high-pressure cleaners, wet and dry vacuum cleaners and sweepers will make anything shine. The comprehensive accessories range offers ideal solutions for any cleaning task.

- Private users (house & yard)
- Building cleaning
- Caretaker operations



GARAGES, FORWARDING COMPANIES

The cleanliness of outdoor facilities, the workshop and vehicles serves as a calling card for car dealers, garages and motor vehicle companies, forwarders, bus and taxi providers. There is no second chance to make a first impression. Kränzle offers perfect cleaning solutions for all requirements.

- Automotive industry
- Bus and taxi operations
- Motor vehicle operations
- Fleet
- Forwarders



AGRICULTURE & ANIMAL HUSBANDRY

Cleanliness is an elementary prerequisite for health, hygiene and best working conditions in agriculture and animal husbandry. For cleaning of tractors and machines, after hard and dusty deployment in the field or for cleaning the stables after the end of an inspection: A Kränzle high-pressure cleaner is a must-have for any agricultural operation.

- Agricultural technology
- Forestry operations
- Animal husbandry
- Biogas plants



CRAFT SECTOR

Craftspeople are subject to great time and cost pressure, working under difficult and frequently changing working conditions. Flexible, high-performance and at the same time extremely robust cleaning units make everyday work easier and ensure optimal cleaning results. Kränzle has recognised these needs and developed precisely matching devices and accessories.

- Metalworking workshops
- Paintshops
- Carpentry workshops
- Bakeries
- Joineries



PUBLIC SERVICE, CONSTRUCTION INDUSTRY

Cleaning tasks in public service require professional devices without any compromises. Kränzle's high-pressure cleaners are the ideal companions when cleaning construction site vehicles, transporters, public squares or removing graffiti from facades. The wide product range offers just the right device for any need.

- Building trade
- Municipalities
- Fire brigade
- Railway
- Rescue services



HYGIENE SECTOR, SANITARY FACILITIES

Hygiene and sanitary areas such as butcher's shops, slaughterhouses and sanitary facilities require abrasion-proof tyres and high-pressure hoses. Kränzle's NoM (Non-Marking) versions meet these requirements. White full rubber tyres and grey high-pressure hoses leave no marks of abrasion. Most of Kränzle's high-pressure cleaners are available in a NoM version.

- Butchers' shops and slaughterhouses
- Sanitary facilities
- Pipe, sewage and industrial service
- Sewage technology



INDUSTRY

The areas of use in industrial operations offer enormous diversity. Factory halls and machines regularly must be cleared of dust, dirt and oil contamination. With its broad and deep range, Kränzle offers everything that industrial operations need.

- Machines and plant construction
- Steel construction
- Wharf/ship building

TOP TECHNOLOGY IN DETAIL

TECHNICAL HIGHLIGHTS

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.



PUMP HEAD MADE OF SPECIAL BRASS

Function impairment from corrosion is prevented. The water-conducting components of the pump head and safety devices are made of stainless steel and special brass to ensure long service lives.

STAINLESS STEEL PRESSURE GAUGE

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



STAINLESS STEEL PLUNGERS (PISTONS) WITH CERAMIC COATING

All Kränzle high-pressure cleaners are equipped with ceramic coated stainless steel plungers, considerably increasing life-time of the machines. The good thermal conductivity of a stainless steel plunger is unified with the positive characteristics of a ceramic coating (extremely low-wear surface).



DURABLE HIGH PERFORMANCE MOTOR

Large dimensioned durable motors in the usual high Kränzle quality for extreme durability and highest performance. High-pressure cleaners with slow-running 4-pin electrical motors (1,400 rpm) work at lower speeds to reduce start-up currents and noise development as well as wear



Fig. Kränzle factory 1 (main factory) - Rudolf-Diesel-Straße 20, D-89257 Illertissen
Development, production and sales



Fig. Kränzle factory 2 - Siemensstraße 17, D-89257 Illertissen
Rotation system, logistics and shipping processing



ROTO-MOLD CHASSIS

The machines of the series K 1152, K 2000, Profi, quadro bully and therm are equipped with a Roto-Mold chassis. This extremely firm and torsion resistant frame 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.



WATER TANK

The integrated water tank (in the machines of the Profi, quadro and therm series) serves as a water storage between the line grid and the high-pressure pump to prevent most pump damage from lack of water.



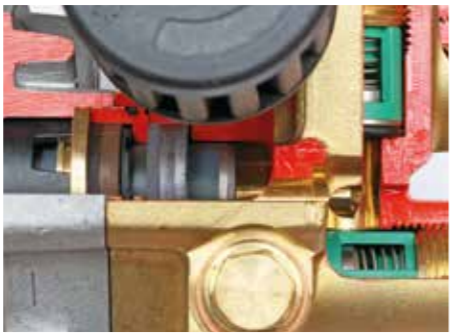
ORDER PRINCIPLE

Storage receptacles for trigger gun with safety catch and lances ensure best working conditions and quick access to accessories.



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 Total-stop-system switch off at this point. The high-pressure pump and motor are discharged leading not only to a significant prolongation of the service life but to energy savings as well.



DRY-RUN SAFETY AND LEAKAGE RETURN SYSTEM

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



OPERATING PRESSURE, CONTINUOUSLY ADJUSTABLE

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



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.



OFF-ROAD CAPABILITY AND STABILITY

The extremely stable and robust chassis enables effortless transport even in rough terrains and provides for high stability during application. Thanks to the largely dimensioned wheels, small obstacles can be easily managed.



CLEANING AGENT INTAKE

For intensive cleaning in case of heavy soiling a diversity of Kränzle high-pressure cleaners provides direct detergent suction. In case of machines with integrated water tank, detergents are applied by high pressure. For machines without water tank, the cleaning agent is applied by an injector with low pressure.

COLD WATER – PORTABLE

The HD-Series

NEW!
Total-stop system



Practical carrying handle
Space-saving compact build

Pressure regulation
Work pressure can be smoothly controlled

Total-stop system
To relieve the high-pressure pump

4-pin electrical motor (1.400 Rpm)
Reduces noise development and wear (HD 7/122 TS)

Figures: HD 7/122 TS



			HD 7/122 TS		HD 10/122 TS	
Technical specifications						
Work pressure adjustable	bar / MPa		30-120 / 3-12		30-120 / 3-12	
Max. admissible overpressure	bar / MPa		135 / 13.5		135 / 13.5	
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 7.5		230 / 1 / 50 / 11	
Motor speed	Rpm		1400		2800	
Water output	l/min	l/h	7	420	10	600
Power intake / Power output	kW	kW	1.6	1.0	2.5	1.8
Power supply cable	m		5		5	
Dimensions L x W x H	mm		440 / 200 / 330		440 / 200 / 330	
Weight	kg		22		23	
High pressure detergent			—		—	
Equipment						
Hose drum			—		—	
Steel mesh-high-pressure	m		10		10	
Trigger guns with safety catche	Model		M2000		M2000	
Dirtkiller lance	Nozzle size		● 028		● 042	
Stainless steel lance with flat jet nozzle	Nozzle size		● M20028		● M20042	
Ord.no.			417321		417331	



EVEN BETTER NOW!

NEW: THE TOTAL-STOP SYSTEM

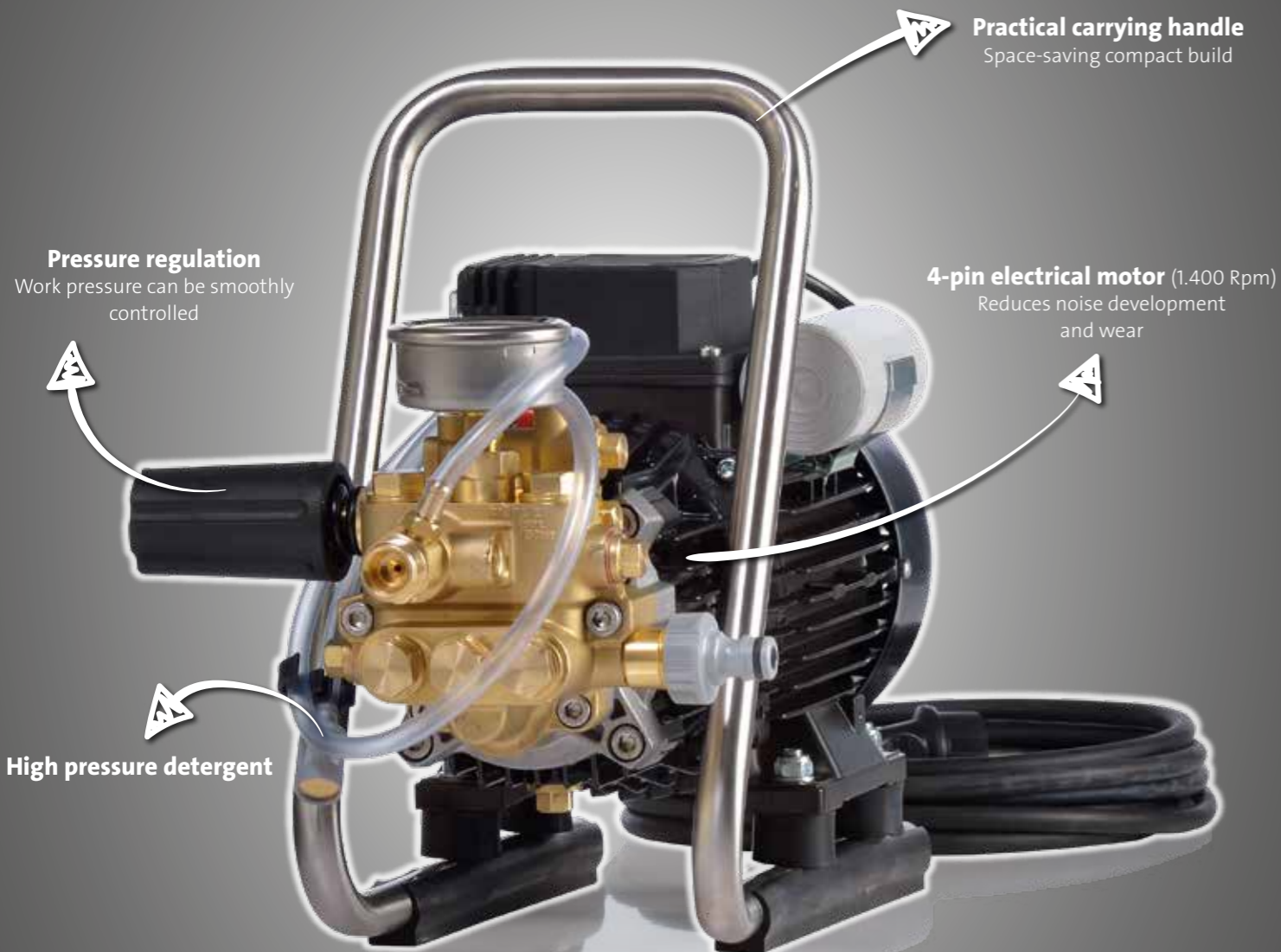
Closing the safety deactivation gun switches off the motor of the high-pressure cleaner at once.

- Relief of the high-pressure pump
- Energy saving
- Increase of the service life

For detailed technical information, see page 74

COLD WATER – PORTABLE

The HD-Series



Figures: HD 9/80



		HD 9/80		HD 12/130	
Technical specifications					
Work pressure adjustable	bar / MPa	30-80 / 3-8		30-130 / 3-13	
Max. admissible overpressure	bar / MPa	90 / 9		145 / 14.5	
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 7.5		230 / 1 / 50 / 13.5	
Motor speed	Rpm	1400		1400	
Water output	l/min l/h	9	540	11	660
Power intake / Power output	kW kW	1.6	1.0	2.9	2.2
Power supply cable	m	5		5	
Dimensions L x W x H	mm	470 / 230 / 320		500 / 240 / 320	
Weight	kg	24		30	
High pressure detergent		●		●	
Equipment					
Hose drum		-		-	
Steel mesh-high-pressure	m	10		10	
Trigger guns with safety catch	Model	M2000		M2000	
Stainless steel lance with regulating nozzle	Nozzle size	-		● M20042	
Vario-Jet lance	Nozzle size	● 042		-	
Ord.no.		41171		41168	



For detailed technical information, see page 74

COLD WATER – TWO-WHEEL

The K 1152-Series



Single-part Roto-Mold chassis
Virtually indestructible

Integrated Hose drum
With foldable crank (K 1152 TST)

High pressure detergent

Pressure regulation
Work pressure can be smoothly controlled

Total-stop system
To relieve the high-pressure pump

Order system
Practical stowing of the trigger gun with safety catch and lances



Figures: K 1152 TST



TOP
SELLER



		K 1152 TS		K 1152 TST	
Technical specifications		without hose drum		incl. hose drum	
Work pressure adjustable	bar / MPa	30-130 / 3-13		30-130 / 3-13	
Max. admissible overpressure	bar / MPa	150 / 15		150 / 15	
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 12		230 / 1 / 50 / 12	
Motor speed	Rpm	2800		2800	
Water output	l/min l/h	10	600	10	600
Power intake / Power output	kW kW	2.8	2.0	2.8	2.0
Power supply cable	m	5		5	
Dimensions L x W x H	mm	360 / 365 / 870		360 / 365 / 870	
Weight	kg	29		31.5	
High pressure detergent		●		●	
Equipment					
Hose drum		-		●	
Steel mesh-high-pressure	m	10		15	
Trigger guns with safety catch	Model	M2000		M2000	
Dirtkiller lance	Nozzle size	● 042		● 042	
Vario-Jet lance	Nozzle size	● 042		● 042	
		without dirtkiller lance	incl. dirtkiller lance	incl. dirtkiller lance	
Ord.no.		41219	412191	412181	



For detailed technical information, see page 75

COLD WATER – TWO-WHEEL

The K 2000-Series

Single-part Roto-Mold chassis
Virtually indestructible

Integrated Hose drum
With foldable crank (TST design)

High pressure detergent

Total-stop system
To relieve the high-pressure pump

Order system
Practical stowing of the trigger gun with safety catch and lances

Pressure regulation
Work pressure can be smoothly controlled



Figures: K 2160 TST



			K 2160 TS		K 2160 TST		K 2195 TS		K 2195 TST		K 2175 TS		K 2175 TST	
Technical specifications			without hose drum		incl. hose drum		without hose drum		incl. hose drum		without hose drum		incl. hose drum	
Work pressure adjustable	bar / MPa		30-140 / 3-14		30-140 / 3-14		30-180 / 3-18		30-180 / 3-18		30-160 / 3-16		30-160 / 3-16	
Max. admissible overpressure	bar / MPa		160 / 16		160 / 16		195 / 19.5		195 / 19.5		175 / 17.5		175 / 17.5	
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 14		230 / 1 / 50 / 14		230 / 1 / 50 / 14		230 / 1 / 50 / 14		400 / 3 / 50 / 6.7		400 / 3 / 50 / 6.7	
Motor speed	Rpm		1400		1400		1400		1400		1400		1400	
Water output	l/min	l/h	11	660	11	660	8	480	8	480	12	720	12	720
Power intake / Power output	kW	kW	3.2	2.4	3.2	2.4	3.2	2.4	3.2	2.4	3.3	2.6	3.3	2.6
Power supply cable	m		5		5		5		5		5		5	
Dimensions L x W x H	mm		375 / 360 / 900		375 / 360 / 900		375 / 360 / 900		375 / 360 / 900		375 / 360 / 900		375 / 360 / 900	
Weight	kg		37		39.5		37		39.5		37		39.5	
High pressure detergent			●		●		●		●		●		●	
Equipment														
Hose drum			—		●		—		●		—		●	
Steel mesh-high-pressure	m		10		15		10		15		10		15	
Trigger guns with safety catche	Model		M2000		M2000		M2000		M2000		M2000		M2000	
Dirtkiller lance	Nozzle size		● 042		● 042		○ 03		○ 03		● 042		● 042	
Vario-Jet lance	Nozzle size		● 042		● 042		○ 03		○ 03		● 042		● 042	
Ord.no.			417801		417811		417841		417851		417821		417831	



Fig. Non-marking version (NoM). Info on page 58



For detailed technical information, see page 75-76

COLD WATER – TWO-WHEEL

The Profi-Series

Single-part Roto-Mold chassis
Virtually indestructible

Integrated water tank
Easily removable

Order system
Practical stowing of the trigger gun with safety catch and lances

Integrated Hose drum
With foldable crank

Total-stop system
To relieve the high-pressure pump

High pressure detergent

Pressure regulation
Work pressure can be smoothly controlled



Figures: Profi 175 TST



		Profi 160 TST		Profi 195 TST		Profi 175 TST	
Technical specifications							
Work pressure adjustable	bar / MPa	30-140 / 3-14		30-170 / 3-17		30-150 / 3-15	
Max. admissible overpressure	bar / MPa	160 / 16		195 / 19.5		175 / 17.5	
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 14.3		230 / 1 / 50 / 14.3		400 / 3 / 50 / 7.2	
Motor speed	Rpm	1400		1400		1400	
Water output	l/min l/h	11	660	8	480	12	720
Power intake / Power output	kW kW	3.2	2.5	3.2	2.5	3.8	3.0
Power supply cable	m	5		5		5	
Dimensions L x W x H	mm	355 / 375 / 980		355 / 375 / 980		355 / 375 / 980	
Weight	kg	45		45		45	
High pressure detergent		●		●		●	
Equipment							
Hose drum		●		●		●	
Steel mesh-high-pressure	m	15		15		15	
Trigger guns with safety catch	Model	M2000		M2000		M2000	
Dirtkiller lance	Nozzle size	● 042		○ 03		● 042	
Stainless steel lance with flat jet nozzle	Nozzle size	● M20042		○ M2003		● M20042	
Ord.no.		412301		412311		412321	



TECHNICAL HIGHLIGHTS!

INTEGRATED WATER TANK

The integrated water tank mostly prevents pump damage from lack of water.

The water tank can be removed in a few steps.

For detailed technical information, see page 76-77

COLD WATER – TWO-WHEEL

The bully-Series



Integrated Hose drum
With foldable crank (TST design)

Quick-change plug-in system
for simple and quick lance changes

Pressure regulation
Work pressure can be smoothly controlled

Order system
Holders for trigger gun with safety catch and lances

Total-stop system
To relieve the high-pressure pump

Figures: bully 980 TST



Technical specifications		bully 980 TS	bully 980 TST	bully 1180 TS	bully 1180 TST
		without hose drum	incl. hose drum	without hose drum	incl. hose drum
Work pressure adjustable	bar / MPa	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
Connected load	V / ~ / Hz / A	400 / 3 / 50 / 11.5	400 / 3 / 50 / 11.5	400 / 3 / 50 / 11.5	400 / 3 / 50 / 11.5
Motor speed	Rpm	1400	1400	1400	1400
Water output	l/min l/h	16 960	16 960	19 1140	19 1140
Power intake / Power output	kW kW	7.0 5.0	7.0 5.0	7.0 5.0	7.0 5.0
Power supply cable	m	7.5	7.5	7.5	7.5
Dimensions L x W x H	mm	730 / 425 / 970	730 / 425 / 970	730 / 425 / 970	730 / 425 / 970
Weight	kg	65	68	65	68
High pressure detergent		–	–	–	–
Equipment					
Hose drum		–	●	–	●
Steel mesh-high-pressure	m	10	15	10	15
Trigger guns with safety catch	Model	M2000	M2000	M2000	M2000
Dirtkiller lance	Nozzle size	● 055	● 055	● 075	● 075
Stainless steel lance with flat jet nozzle	Nozzle size	● D25055	● D25055	● D25075	● D25075
Ord.no.		403501	40350	403511	40351

TECHNICAL HIGHLIGHTS!

QUICK-CHANGE CONNECTOR SYSTEM

The quick-change plug-in system with hardened stainless steel components ensures a simple and perfectly safe connection of the trigger gun with safety catch to the lance.

CLICK!



For detailed technical information, see page 77

COLD WATER – FOUR WHEELS

The **small quadro-Series**



		quadro 11/140 TST		quadro 9/170 TST		quadro 12/150 TST	
Technical specifications							
Work pressure adjustable	bar / MPa	30-140 / 3-14		30-170 / 3-17		30-150 / 3-15	
Max. admissible overpressure	bar / MPa	155 / 15.5		190 / 19		165 / 16.5	
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 14		230 / 1 / 50 / 14		400 / 3 / 50 / 6.8	
Motor speed	Rpm	1400		1400		1400	
Water output	l/min l/h	11	660	9	540	12	720
Power intake / Power output	kW kW	3.3	2.4	3.3	2.4	3.5	2.8
Volume water tank	l	7		7		7	
Power supply cable	m	5		5		7.5	
Dimensions L x W x H	mm	590 / 360 / 850		590 / 360 / 850		590 / 360 / 850	
Weight	kg	46		46		46	
High pressure detergent		●		●		●	
Equipment							
Hose drum		●		●		●	
Steel mesh-high-pressure	m	15		15		15	
Trigger guns with safety catche	Model	M2000		M2000		M2000	
Dirtkiller lance	Nozzle size	● 045		○ 03		● 045	
Stainless steel lance with flat jet nozzle	Nozzle size	● M20045		○ M2003		● M20045	
Ord.no.		404411		404431		404421	



For detailed technical information, see page 78

COLD WATER – FOUR WHEELS

The **middle quadro-Series**



Figures: quadro 799 TST



		quadro 599 TST		quadro 799 TST		quadro 899 TST	
Technical specifications							
Work pressure adjustable	bar / MPa	30-150 / 3-15		30-180 / 3-18		30-150 / 3-15	
Max. admissible overpressure	bar / MPa	165 / 16.5		200 / 20		170 / 17	
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 14		400 / 3 / 50 / 8.5		400 / 3 / 50 / 8.5	
Motor speed	Rpm	1400		1400		1400	
Water output	l/min l/h	10	600	13	780	15	900
Power intake / Power output	kW kW	3.3	2.4	5.5	4.0	5.5	4.0
Volume water tank	l	10		10		10	
Power supply cable	m	5		7.5		7.5	
Dimensions L x W x H	mm	780 / 395 / 870		780 / 395 / 870		780 / 395 / 870	
Weight	kg	62		62		62	
High pressure detergent		●		●		●	
Equipment							
Hose drum		●		●		●	
Steel mesh-high-pressure	m	20		20		15	
Trigger guns with safety catche	Model	M2000		M2000		M2000	
Dirtkiller lance	Nozzle size	● 035		● 045		● 06	
Stainless steel lance with flat jet nozzle	Nozzle size	● M20035		● M20045		● D2506	
Ord.no.		40431		40432		40434	

Fig. Non-marking version (NoM). Info on page 58



For detailed technical information, see page 78-79

COLD WATER – FOUR WHEELS

The large quadro-Series



Water output < 1000 l/h
For more models from the large quadro series, see the next page

			quadro 800 TST		quadro 1000 TS		quadro 1000 TST	
Technical specifications			incl. hose drum		without hose drum		incl. hose drum	
Work pressure adjustable	bar / MPa		30-250 / 3-25		30-220 / 3-22		30-220 / 3-22	
Max. admissible overpressure	bar / MPa		270 / 27		250 / 25		250 / 25	
Connected load	V / ~ / Hz / A		400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12	
Motor speed	Rpm		1400		1400		1400	
Water output	l/min	l/h	13.3	800	16	960	16	960
Power intake / Power output	kW	kW	7.5	5.5	7.5	5.5	7.5	5.5
Volume water tank	l		16		16		16	
Power supply cable	m		7.5		7.5		7.5	
Dimensions L x W x H	mm		770 / 570 / 990		770 / 570 / 990		770 / 570 / 990	
Weight	kg		89		82		89	
High pressure detergent			●		●		●	
Equipment								
Hose drum			●		—		●	
Steel mesh-high-pressure	m		20		10		20	
Trigger guns with safety catche	Model		Starlet		Starlet		Starlet	
Turbokiller lances	Nozzle size		● 04		—		● 05	
Stainless steel lance with flat jet nozzle	Nozzle size		● D2504		● D2505		● D2505	
			Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage
Ord.no.			40423	404230	404211	404219	40421	404210

EXPERT TIP!

STAINLESS STEEL TROLLEY

The large quadro series is also available with a stainless steel undercarriage.

- Corrosion protection
- Extremely stable



For detailed technical information, see page 79



Water output > 1000 l/h

For more models from the large quadro series, see the previous page

		quadro 1200 TS		quadro 1200 TST		quadro 1500 TS		quadro 1500 TST	
Technical specifications		without hose drum		incl. hose drum		without hose drum		incl. hose drum	
Work pressure adjustable	bar / MPa	30-180 / 3-18		30-180 / 3-18		30-140 / 3-14		30-140 / 3-14	
Max. admissible overpressure	bar / MPa	200 / 20		200 / 20		160 / 16		160 / 16	
Connected load	V / ~ / Hz / A	400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12	
Motor speed	Rpm	1400		1400		1400		1400	
Water output	l/min l/h	19	1140	19	1140	25	1500	25	1500
Power intake / Power output	kW kW	7.5	5.5	7.5	5.5	7.5	5.5	7.5	5.5
Volume water tank	l	16		16		16		16	
Power supply cable	m	7.5		7.5		7.5		7.5	
Dimensions L x W x H	mm	770 / 570 / 990		770 / 570 / 990		770 / 570 / 990		770 / 570 / 990	
Weight	kg	82		89		82		89	
High pressure detergent		●		●		●		●	
Equipment									
Hose drum		—		●		—		●	
Steel mesh-high-pressure	m	10		20		20		20	
Trigger guns with safety catch	Model	Starlet		Starlet		Starlet		Starlet	
Turbokiller lances	Nozzle size	—		● 07		—		● 11	
Stainless steel lance with flat jet nozzle	Nozzle size	● D2507		● D2507		● M2010		● M2011	
		Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage
Ord.no.		404221	404229	40422	404220	404261	404269	40426	404260



EXPERT TIP!

TURBOKILLER LANCE (optional quadro TS)

With rotating concentrated beam and stainless steel tube. To remove stubborn dirt. Optionally available for the quadro series without hose drum.

For more on this, see pages 60-67
(Accessories compatibility)

CLEANING ADVICE!

KRÄNZLE FLOOR WIPER

The Round Cleaners by Kränzle are designed for easy and splash-water-protected cleaning of small to very large floor areas. These include driveways, terraces or halls. As well as vertical surfaces such as facades, tiled walls, etc.

Selection of Round Cleaners on page 49



For detailed technical information, see page 79-80

COLD WATER – FOUR WHEELS

The LX-Series



Figures: LX 2000



		LX 2000		LX 2500	
Technical specifications					
Work pressure adjustable	bar / MPa	30-150 / 3-15		30-130 / 3-13	
Max. admissible overpressure	bar / MPa	175 / 17.5		150 / 15	
Connected load	V / ~ / Hz / A	400 / 3 / 50 / 14		400 / 3 / 50 / 14	
Motor speed	Rpm	1400		1400	
Water output	l/min l/h	32	1920	41.5	2490
Power intake / Power output	kW kW	9.6	7.5	9.6	7.5
Power supply cable	m	7.5		7.5	
Dimensions L x W x H	mm	735 / 570 / 995		735 / 570 / 995	
Weight	kg	125		125	
High pressure detergent		-		-	
Equipment					
Hose drum		●		●	
Steel mesh-high-pressure	m	20		20	
Trigger guns with safety catch	Model	Starlet		Starlet	
Stainless steel lance with flat jet nozzle	Nozzle size	● D40125		D4020	
Ord.no.		40830		40840	

TECHNICAL HIGHLIGHTS!

QUICK-CHANGE CONNECTOR SYSTEM

The quick-change plug-in system with hardened stainless steel components ensures a simple and perfectly safe connection of the trigger gun with safety catch to the lance.

CLICK!



For detailed technical information, see page 80

COLD WATER – WITH COMBUSTION ENGINE

The **Profi-Jet-Series** (portable)



		Profi-Jet B 13/150		Profi-Jet B 10/200	
Technical specifications					
Work pressure adjustable	bar / MPa	30-150 / 3-15		30-200 / 3-20	
Max. admissible overpressure	bar / MPa	170 / 17		220 / 22	
Water output	l/min l/h	13	780	10	600
Engine		Honda GX160 LX		Honda GX200 LX	
Dimensions L x W x H	mm	520 / 360 / 420		520 / 360 / 420	
Weight	kg	33		35	
Speed adjustment (DZR)		-		-	
High pressure detergent		-		-	
Equipment					
Hose drum		-		-	
Steel mesh-high-pressure	m	10		10	
Trigger guns with safety catche	Model	M2000		M2000	
Dirtkiller lance	Nozzle size	-		○ 03	
Stainless steel lance with regulating nozzle	Nozzle size	● D2505		○ D2503	
Ord.no.		41170		41182	



TECHNICAL HIGHLIGHTS!

COMBUSTION ENGINE

The Kränzle high-pressure cleaners with combustion engine will keep you safe when you need highest cleaning power independently of the power supply.

- Operation without connection to the mains
- Water intake from separate tank possible

For detailed technical information, see page 81

COLD WATER – WITH COMBUSTION ENGINE

The **Profi-Jet-Series** (mobil - without hose drum)



			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	
Technical specifications												
Work pressure adjustable	bar / MPa		30-150 / 3-15		30-200 / 3-20		30-200 / 3-20		30-200 / 3-20		30-250 / 3-25	
Max. admissible overpressure	bar / MPa		170 / 17		220 / 22		220 / 22		220 / 22		270 / 27	
Water output	l/min l/h		13	780	10	600	16	960	20	1200	16	960
Engine			Honda GX160 LX		Honda GX200 LX		Honda GX340 LX		Honda GX390 LX		Honda GX390 LX	
Dimensions L x W x H	mm		770 / 570 / 990		770 / 570 / 990		785 / 570 / 995		785 / 570 / 995		785 / 570 / 995	
Weight	kg		37		38		64 / 65		64 / 65		64 / 65	
Speed adjustment (DZR)			-		-		- / ●		- / ●		- / ●	
High pressure detergent			-		-		-		-		-	
Equipment												
Hose drum			-		-		-		-		-	
Steel mesh-high-pressure	m		10		10		10		10		10	
Trigger guns with safety catche	Model		M2000		M2000		Starlet		Starlet		Starlet	
Dirtkiller lance	Nozzle size		-		○ 03		-		-		-	
Stainless steel lance with regulating nozzle	Nozzle size		● D2505		○ D2503		● D2505		● D2507		● D25045	
			without DZR		without DZR		without DZR	incl. DZR	without DZR	incl. DZR	without DZR	incl. DZR
Ord.no.			411701		411821		411732	41173	41187	411871	41186	411861

TECHNICAL HIGHLIGHTS!

SPEED ADJUSTMENT

Closing the trigger gun with safety catch reduces the engine speed.

- Lower fuel consumption
- Lower noise development
- Reduced maintenance effort



For detailed technical information, see page 81-82

COLD WATER – WITH COMBUSTION ENGINE

The **Profi-Jet-Series** (mobil - incl. hose drum)



			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
Technical specifications							
Work pressure adjustable	bar / MPa		30-150 / 3-15	30-200 / 3-20	30-200 / 3-20	30-200 / 3-20	30-250 / 3-25
Max. admissible overpressure	bar / MPa		170 / 17	220 / 22	220 / 22	220 / 22	270 / 27
Water output	l/min l/h		13 780	10 600	16 960	20 1200	16 960
Engine			Honda GX160 LX	Honda GX200 LX	Honda GX340 LX	Honda GX390 LX	Honda GX390 LX
Dimensions L x W x H	mm		770 / 570 / 1005	770 / 570 / 1005	785 / 570 / 1005	785 / 570 / 1005	785 / 570 / 1005
Weight	kg		42	44	71	71	71
Speed adjustment (DZR)			—	—	●	●	●
High pressure detergent			—	—	—	—	—
Equipment							
Hose drum			●	●	●	●	●
Steel mesh-high-pressure	m		20	20	20	20	20
Trigger guns with safety catche	Model		M2000	M2000	Starlet	Starlet	Starlet
Dirtkiller lance	Nozzle size		—	○ 03	—	—	—
Stainless steel lance with regulating nozzle	Nozzle size		● D2505	○ D2503	● D2505	● D2507	● D25045
			without DZR	without DZR	incl. DZR	incl. DZR	incl. DZR
Ord.no.			411702	411822	411733	411872	411862



For detailed technical information, see page 82-83

COLD WATER – WITH COMBUSTION ENGINE

The B-Series



Figures: B 240 T



			B 170 T		B 240 T		B 230 T		B 270 T	
Technical specifications										
Work pressure adjustable	bar / MPa		30-150 / 3-15		30-220 / 3-22		30-200 / 3-20		30-250 / 3-25	
Max. admissible overpressure	bar / MPa		170 / 17		240 / 24		230 / 23		270 / 27	
Water output	l/min	l/h	12,5	750	16	960	20	1200	16	960
Engine			Honda GX160 LX		Honda GX340 LX		Honda GX390 LX		Honda GX390 LX	
Dimensions L x W x H	mm		720 / 570 / 960		720 / 570 / 960		720 / 570 / 960		720 / 570 / 960	
Weight	kg		68		93		93		93	
High pressure detergent			-		-		-		-	
Speed adjustment (DZR)			-		●		●		●	
Equipment										
Hose drum			●		●		●		●	
Steel mesh-high-pressure	m		20		20		20		20	
Trigger guns with safety catche	Model		M2000		Starlet		Starlet		Starlet	
Turbokiller lances	Nozzle size		● 05		● 05		● 07		● 045	
Stainless steel lance with regulating nozzle	Nozzle size		● D2505		● D2505		● D2507		● D25045	
			without DZR		incl. DZR		incl. DZR		incl. DZR	
Ord.no.			411901		411921		411941		411931	



For detailed technical information, see page 83

HOT WATER – OIL HEATED

The therm CA-Series

NEW!

Trigger gun with safety catch and lance with screw-on system

Integrated Hose drum
With foldable crank
(Version incl. hose drum)

Operating panel arranged
for good overview
to control the water temperature

Removable hoods
to protect the mechanical
components

High pressure
detergent

Pressure regulation
Work pressure can be smoothly
controlled

Parking brake
for a safe stop

Figures: therm CA 12/150
incl. hose drum



		therm CA 11/130	therm CA 11/130	therm CA 12/150	therm CA 12/150	therm CA 15/120	therm CA 15/120
		without hose drum	incl. hose drum	without hose drum	incl. hose drum	without hose drum	incl. hose drum
Technical specifications							
Work pressure adjustable	bar / MPa	30-130 / 3-13	30-130 / 3-13	30-150 / 3-15	30-150 / 3-15	30-120 / 3-12	30-120 / 3-12
Max. admissible overpressure	bar / MPa	145 / 14.5	145 / 14.5	170 / 17	170 / 17	135 / 13.5	135 / 13.5
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 15	230 / 1 / 50 / 15	400 / 3 / 50 / 7.2	400 / 3 / 50 / 7.2	400 / 3 / 50 / 7.2	400 / 3 / 50 / 7.2
Motor speed	Rpm	1400	1400	1400	1400	1400	1400
Water output	l/min l/h	11 660	11 660	12 720	12 720	15 900	15 900
Power intake / Power output	kW kW	3.4 2.3	3.4 2.3	3.8 3.0	3.8 3.0	3.8 3.0	3.8 3.0
Volume water tank	l	4	4	4	4	4	4
Hot water output adjustable	°C	12-82	12-82	12-80	12-80	12-80	12-80
Steam level	°C	140	140	140	140	150	150
Heating output	kW	55	55	58	58	65	65
Fuel tank	l	25	25	25	25	25	25
Power supply cable	m	5	5	7.5	7.5	7.5	7.5
Dimensions L x W x H	mm	790 / 590 / 980	790 / 590 / 1240	790 / 590 / 980	790 / 590 / 1240	790 / 590 / 980	790 / 590 / 1240
Weight	kg	150	171	150	171	150	181
High pressure detergent		●	●	●	●	●	●
Equipment							
Hose drum		–	●	–	●	–	●
Steel mesh-high-pressure	m	10	15	10	15	10	15
Trigger guns with safety catches	Model	M2000	M2000	M2000	M2000	M2000	M2000
Stainless steel lance with flat jet nozzle	Nozzle size	● D25045	● D25045	● D25045	● D25045	● D2507	● D2507

Ord.no.	414606	414607	414616	414617	414626	414627
---------	--------	--------	--------	--------	--------	--------

EVEN BETTER NOW!

RETROFITTING TO SCREW SYSTEM

The therm-CA and therm-C series will be equipped with trigger guns with safety catches and lances with screw connections instead of the continuous version in future.

- Flexible use of Kränzle accessories

More can be found starting on page 49
(Accessories range)



For detailed technical information, see page 84-85

HOT WATER – OIL HEATED

The therm C-Series

NEW!

Trigger gun with safety catch and lance with screw-on system

Integrated Hose drum
With foldable crank
(Version incl. hose drum)

Operating panel arranged
for good overview
to control the water temperature

Removable hoods
to protect the mechanical
components

Pressure regulation
Work pressure can be smoothly
controlled

High pressure detergent

Parking brake
for a safe stop

Figures: therm C 11/130
incl. hose drum



		therm C 11/130	therm C 11/130	therm C 13/180	therm C 13/180	therm C 15/150	therm C 15/150
		without hose drum	incl. hose drum	without hose drum	incl. hose drum	without hose drum	incl. hose drum
Technical specifications							
Work pressure adjustable	bar / MPa	30-130 / 3-13	30-130 / 3-13	30-180 / 3-18	30-180 / 3-18	30-150 / 3-15	30-150 / 3-15
Max. admissible overpressure	bar / MPa	145 / 14.5	145 / 14.5	200 / 20	200 / 20	170 / 17	170 / 17
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 15	230 / 1 / 50 / 15	400 / 3 / 50 / 8.7	400 / 3 / 50 / 8.7	400 / 3 / 50 / 8.7	400 / 3 / 50 / 8.7
Motor speed	Rpm	1400	1400	1400	1400	1400	1400
Water output	l/min l/h	11 660	11 660	13 780	13 780	15 900	15 900
Power intake / Power output	kW kW	3.4 2.3	3.4 2.3	4.8 4.0	4.8 4.0	4.8 4.0	4.8 4.0
Volume water tank	l	4	4	4	4	4	4
Hot water output adjustable	°C	12-80	12-80	12-80	12-80	12-80	12-80
Steam level	°C	140	140	150	150	150	150
Heating output	kW	55	55	60	60	65	65
Fuel tank	l	25	25	25	25	25	25
Power supply cable	m	5	5	7.5	7.5	7.5	7.5
Dimensions L x W x H	mm	790 / 590 / 980	800 / 600 / 1260	790 / 590 / 980	790 / 590 / 1240	790 / 590 / 980	790 / 590 / 1240
Weight	kg	150	179	150	179	150	179
High pressure detergent		●	●	●	●	●	●
Equipment							
Hose drum		–	●	–	●	–	●
Steel mesh-high-pressure	m	10	15	10	15	10	15
Trigger guns with safety catches	Model	M2000	M2000	M2000	M2000	M2000	M2000
Stainless steel lance with flat jet nozzle	Nozzle size	● D25045	● D25045	● D25045	● D25045	● D25055	● D25055

Ord.no.	414426	414427	414416	414417	414406	414407
---------	--------	--------	--------	--------	--------	--------

EVEN BETTER NOW!

RETROFITTING TO SCREW SYSTEM

The therm-CA and therm-C series will be equipped with trigger guns with safety catches and lances with screw connections instead of the continuous version in future.

■ Flexible use of Kränzle accessories

More can be found starting on page 49
(Accessories range)



For detailed technical information, see page 85

HOT WATER – OIL HEATED

The therm 1-Series

TOP
SELLER



Figures: therm 895-1
incl. hose drum



Water output < 1000 l/h

For more models from the therm-1 series, see the next page

			therm 635-1		therm 635-1		therm 875-1		therm 875-1		therm 895-1		therm 895-1	
Technical specifications			without hose drum		incl. hose drum		without hose drum		incl. hose drum		without hose drum		incl. hose drum	
Work pressure adjustable	bar / MPa		30-130 / 3-13		30-130 / 3-13		30-175 / 3-17.5		30-175 / 3-17.5		30-195 / 3-19.5		30-195 / 3-19.5	
Max. admissible overpressure	bar / MPa		145 / 14.5		145 / 14.5		190 / 19		190 / 19		215 / 21.5		215 / 21.5	
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 15		230 / 1 / 50 / 15		400 / 3 / 50 / 8.7		400 / 3 / 50 / 8.7		400 / 3 / 50 / 12		400 / 3 / 50 / 12	
Motor speed	Rpm		1400		1400		1400		1400		1400		1400	
Water output	l/min	l/h	10.6	635	10.6	635	14.6	875	14.6	875	14.9	895	14.9	895
Power intake / Power output	kW	kW	3.4	2.3	3.4	2.3	4.8	4.0	4.8	4.0	7.5	5.5	7.5	5.5
Volume water tank	l		4		4		4		4		4		4	
Hot water output adjustable	°C		12-89		12-89		12-87		12-87		12-86		12-86	
Steam level	°C		145		145		155		155		155		155	
Heating output	kW		55		55		60		60		65		65	
Fuel tank	l		35		35		35		35		35		35	
Power supply cable	m		5		5		7.5		7.5		7.5		7.5	
Dimensions L x W x H	mm		1050 / 800 / 1015		1050 / 800 / 1300		1050 / 800 / 1015		1050 / 800 / 1300		1050 / 800 / 1015		1050 / 800 / 1300	
Weight	kg		212		218		212		218		217		223	
High pressure detergent			●		●		●		●		●		●	
Equipment														
Hose drum			—		●		—		●		—		●	
Steel mesh-high-pressure	m		10		20		10		20		10		20	
Trigger guns with safety catche	Model		Starlet		Starlet		Starlet		Starlet		Starlet		Starlet	
Stainless steel lance with flat jet nozzle	Nozzle size		● D25045		● D25045		● D25045		● D25045		● D25045		● D25045	

Ord.no.	41349	413491	41342	413421	41352	413521
---------	-------	--------	-------	--------	-------	--------

TECHNICAL HIGHLIGHTS!

DIGITAL THERMOSTAT

The high-pressure cleaners of the therm-1-series are fitted with a digital thermostat which combines a variety of advantages in operation and service.

- Intelligent system analysis
- Reduction of fuel costs thanks to object-specific temperature specification
- Simple reading of the operating hours



For detailed technical information, see page 86-87



Water output > 1000 l/h

For more models from the therm-1 series, see the previous page

		therm 1165-1		therm 1525-1	
Technical specifications		without hose drum	incl. hose drum	without hose drum	incl. hose drum
Work pressure adjustable	bar / MPa	30-165 / 3-16.5	30-165 / 3-16.5	30-125 / 3-12.5	30-125 / 3-12.5
Max. admissible overpressure	bar / MPa	180 / 18	180 / 18	140 / 14	140 / 14
Connected load	V / ~ / Hz / A	400 / 3 / 50 / 12	400 / 3 / 50 / 12	400 / 3 / 50 / 12	400 / 3 / 50 / 12
Motor speed	Rpm	1400	1400	1400	1400
Water output	l/min l/h	19.4 1165	19.4 1165	25 1500	25 1500
Power intake / Power output	kW kW	3.4 2.3	3.4 2.3	7.5 5.5	7.5 5.5
Volume water tank	l	4	4	4	4
Hot water output adjustable	°C	12-82	12-82	12-65	12-65
Steam level	°C	155	155	140	140
Heating output	kW	78	78	84	84
Fuel tank	l	35	35	35	35
Power supply cable	m	7.5	7.5	7.5	7.5
Dimensions L x W x H	mm	1050 / 800 / 1015	1050 / 800 / 1300	1050 / 800 / 1015	1050 / 800 / 1300
Weight	kg	217	223	222	228
High pressure detergent		●	●	●	●
Equipment					
Hose drum		—	●	—	●
Steel mesh-high-pressure	m	10	20	10	20
Trigger guns with safety catch	Model	Starlet	Starlet	Starlet	Starlet
Stainless steel lance with flat jet nozzle Nozzle size		● D2507	● D2507	● M20125	● M20125

Ord.no.	41353	413531	41348	413481
---------	-------	--------	-------	--------



Fig. Non-marking version (NoM). Info on page 58

For detailed technical information, see page 87

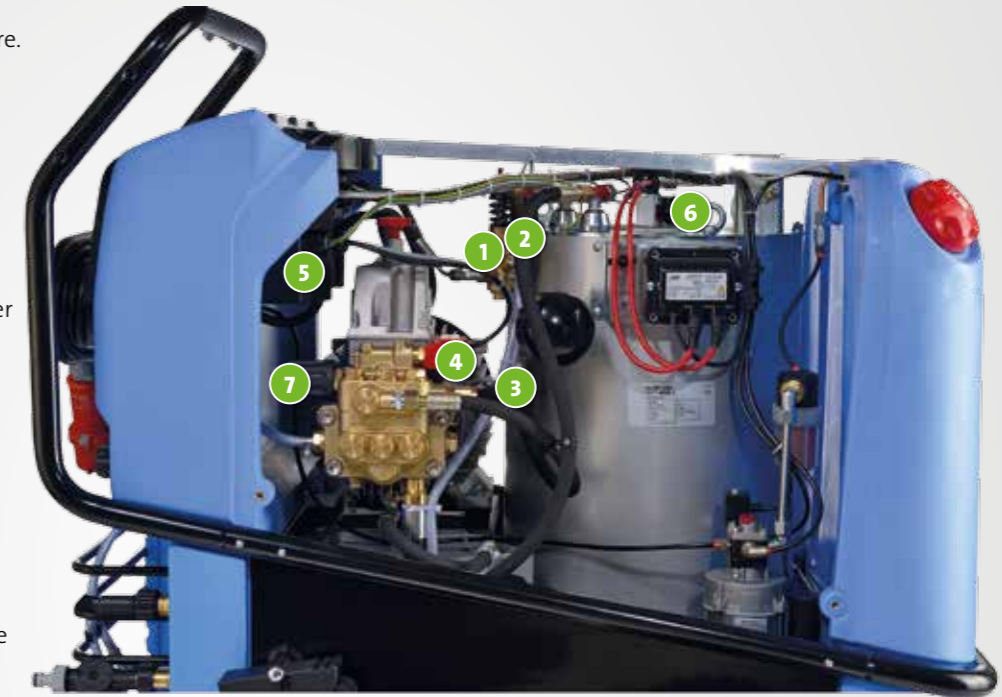
HOT WATER – OIL HEATED

TECHNICAL HIGHLIGHTS

KRÄNZLE-THERM SET NEW STANDARDS WITH THEIR TECHNICAL ADVANTAGES!

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.

- 1. SAFETY VALVE**
protects from inadmissibly high overpressure.
- 2. FLOW MONITOR**
prevents overheating of the heating chamber at lack of water.
- 3. PRESSURE SWITCH**
releases combustion only when working pressure is pending.
- 4. DIFFERENTIAL PRESSURE SWITCH**
controls automatic deactivation if the trigger gun with safety catch remains closed for 30 seconds.
- 5. OVERCURRENT TRIGGER**
switches off the high-pressure cleaner at excessive power intake.
- 6. VISUAL FLAME MONITORING**
switches off the fuel supply if the burner flame goes out.
- 7. PRESSURE CONTROL VALVE**
permits smooth control of the water volume and water pressure, as well as pressure-free bypass operation.



DIGITAL THERMOSTAT therm-1-Series

OPERATION MODE 1: THERMOSTAT REGULATION °C

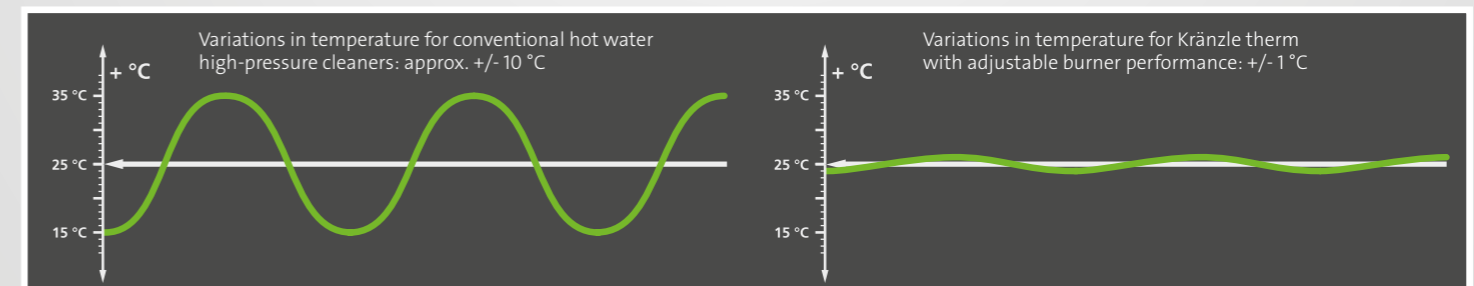
The desired water temperature is specified in °C. A thermostat measures the temperature at the end of the heating coil and controls the burner until the desired temperature is reached. (The ACTUAL temperature is displayed.)

OPERATION MODE 2: BURNER OUTPUT %

The burner is switched on and off at a corresponding cycle frequency based on the percentages set (TARGET value). The water temperature at the end of the heating coil is indicated as ACTUAL value in °C. The advantage of this operating mode is in a water temperature maintained precisely to one degree (+/- 1 °C), even at operation with partial volumes and at low temperatures.

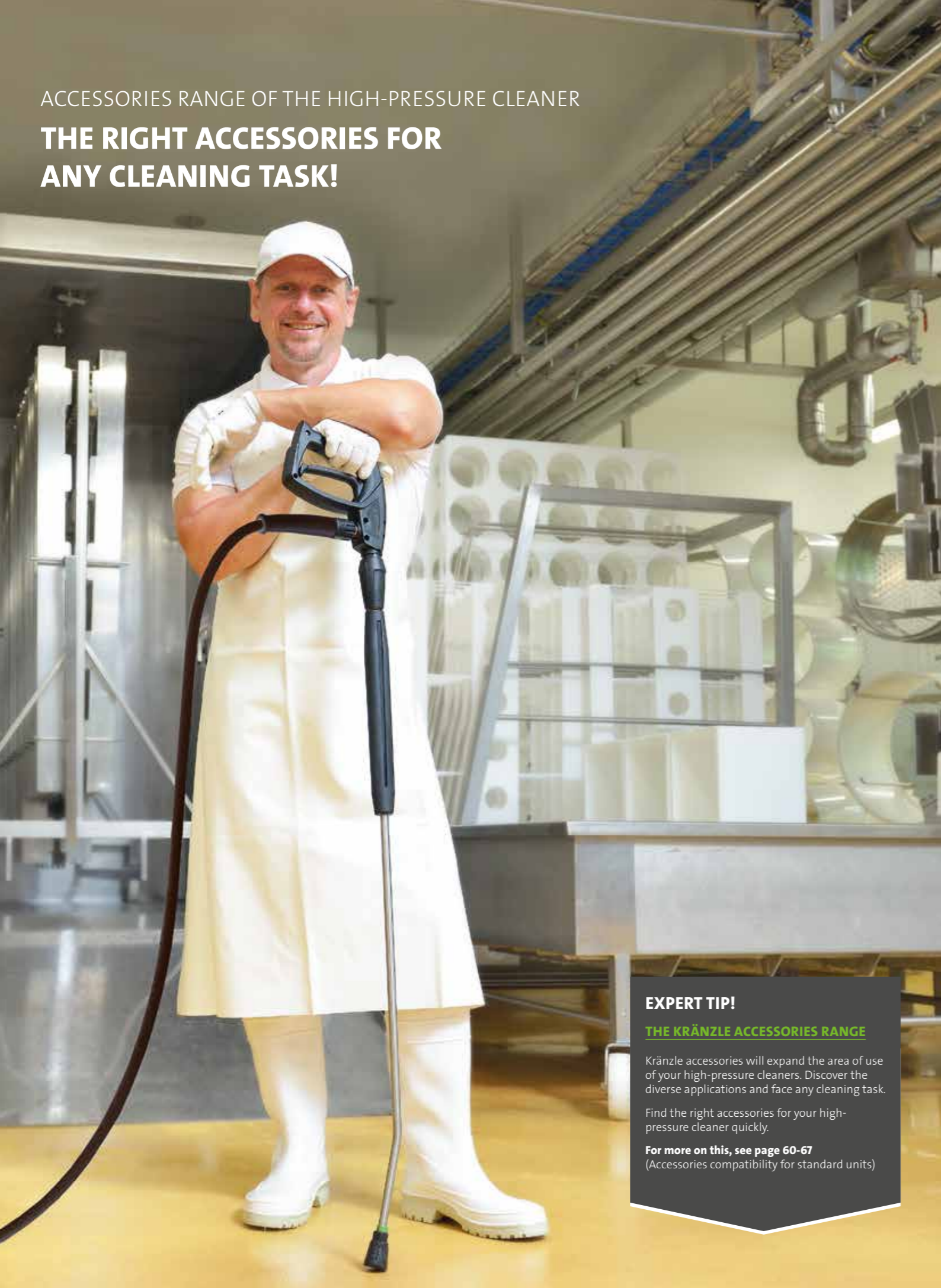
OPERATING HOURS COUNTER

for simple determination of the service intervals



ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

THE RIGHT ACCESSORIES FOR ANY CLEANING TASK!



EXPERT TIP!

THE KRÄNZLE ACCESSORIES RANGE

Kränzle accessories will expand the area of use of your high-pressure cleaners. Discover the diverse applications and face any cleaning task.

Find the right accessories for your high-pressure cleaner quickly.

For more on this, see page 60-67
(Accessories compatibility for standard units)

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

FLOOR CLEANER



Round Cleaner UFO short		
Ø	mm	300
Work pressure max.	bar / MPa	180 / 18
Water output max.	l/min	12
Temperature max.	°C	60
Weight	kg	1.9
Inlet	M22x1,5 male	
Nozzle size	045	
■ for small to medium-sized surfaces		
Ord.no.		41855



Round Cleaner UFO long		
Ø	mm	300
Work pressure max.	bar / MPa	180 / 18
Water output max.	l/min	12
Temperature max.	°C	60
Weight	kg	2.2
Inlet	M22x1,5 male	
Nozzle size	045	
■ for small to medium-sized surfaces		
Ord.no.	41850	



Round Cleaner UFO long stainless steel		
Ø	mm	350
Work pressure max.	bar / MPa	210 / 21
Water output max.	l/min	15
Temperature max.	°C	60
Weight	kg	5.5
Inlet	M22x1,5 male	
Nozzle size	045	055
■ for small to medium-sized surfaces		
Ord.no.	41861	41860



Round Cleaner stainless steel		
Ø	mm	300
Work pressure max.	bar / MPa	250 / 25
Water output max.	l/min	15
Temperature max.	°C	60
Weight	kg	4.4
Inlet	M22x1,5 male	
Nozzle size, serial	055	
■ for medium-sized to large surfaces		
Ord.no.	41105	



Round Cleaner stainless steel		
Ø	mm	420
Work pressure max.	bar / MPa	250 / 25
Water output max.	l/min	19
Temperature max.	°C	60
Weight	kg	9
Inlet	M22x1,5 male	
Nozzle size, serial	055	
■ for large to very large surfaces		
Ord.no.	41106	




Round Cleaner stainless steel		
Ø	mm	520
Work pressure max.	bar / MPa	250 / 25
Water output max.	l/min	19
Temperature max.	°C	60
Weight	kg	16
Inlet	M22x1,5 male	
Nozzle size, serial	055	
■ for large to very large surfaces		
Ord.no.		41107




Please indicate the technical data of the high-pressure cleaner when placing your order.

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

WATER FILTER/WASHING BRUSHES/MISCELLANEOUS



Water filter		
Inlet	3/4" male3/4" male	
Outlet	3/4" female3/4" female	
■ 13310: Outlet in brass execution ■ 133003: Inlet and outlet in brass execution		
Ord.no.	13310	133003



Water filter		
Inlet	3/4" male	
Outlet	3/4" female	
■ Inlet and outlet in brass execution		
Ord.no.	133201	




Fig. Spray guard




Cleaning brush rotating		
Brush head Ø	mm	180
Edelstahlverlengthrung	mm	400
Water output max.	l/min	20
Temperature max.	°C	35
Inlet	M22x1,5 male	
■ For gentle cleaning in case of stubborn dirt at vehicles and facades		
Ord.no.	410501	



Cleaning brush flat		
Brush head LxB	mm	180x65
Temperature max.	°C	35
Inlet	M22x1,5 male	
■ For gentle cleaning in case of stubborn dirt at vehicles and facades		
Ord.no.	41073	



Cleaning brush transverse		
Brush head LxB	mm	240x90
Temperature max.	°C	35
Inlet	M22x1,5 male	
■ For gentle cleaning in case of stubborn dirt at vehicles and facades		
Ord.no.	410500	



Spray guard		
Ø below	mm	220
■ for all washing lances ■ cleaning of moss-covered paths without splashing water		
Ord.no.	41052	




Transmission oil / High-performance transmission oil			
Filling quantity	l	1	1
for high-pressure pumps	AZ / AP / APG	AM / AG	
■ 400922: Transmission oil ■ 400932: High-performance transmission oil			
Ord.no.	400922	400932	




Universal wall bracket for accessories „Butler“		
Dimensions LxBxH	mm	425x240x280
■ Delivered without accessories ■ for space-saving storage of accessories		
Ord.no.	41262	

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

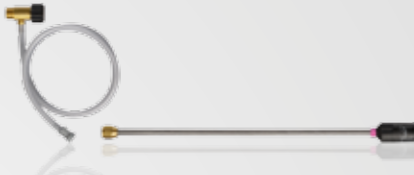
FOAM INJECTORS / CLEANING AGENTS



Foam injectors - screw fitting		
Work pressure max.	bar / MPa	250 / 25
Temperature max.	°C	30
Weight	kg	34 38
Inlet	M22x1,5 male	
Nozzle size	03	
Container	Liter	1 2
■ with screw fitting ■ Production of highly effective foam.		
Ord.no.	135301	135311




Foam injectors - quick-change connector system		
Work pressure max.	bar / MPa	250 / 25
Temperature max.	°C	30
Weight	kg	35 39
Inlet	Quick release insert D12	
Nozzle size	03	
Container	Liter	1 2
■ with quick-change connector system ■ Production of highly effective foam.		
Ord.no.	135303	135313



Cleaning agent suction kit		
Inlet	M22x1,5 male	
Nozzle size	028 042	
■ incl. stainless steel lance with control nozzle ■ Extraction of liquid cleaning agents		
Ord.no.	133767	133766




Fig. Foam injectors with screw fitting



Universal cleaner Alfa Neutral		
pH value**	10.9	
Container	Liter	5 25
■ Universal cleaner for removal of strong contaminations		
Ord.no.	412589	412588



Foam cleaner Alfa Plus		
pH value**	13.2	
Container	Liter	5 25
■ Special cleaner to degrease and clean		
Ord.no.	412700	412709



Special cleaner Alfa Marine		
pH value**	13.5	
Container	Liter	5 25
■ for cleaning motors ■ specifically for restoration after fire damage ■ Alkaline, can be diluted with water		
Ord.no.	412584	412583




Decalcifying (concentrate)		
pH value**	1.0	
Container	Liter	1 12 x 1
■ Descaling of hot and cold water high-pressure cleaners ■ Removal of lime deposits		
Ord.no.	412580	412570

Important note:
When using chemical cleaning agents, observe the respective regulations, provisions, safety notes and safety data sheets.

**pH value: Undiluted
We recommend testing the cleaning agent on the surface to be cleaned before starting.

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER


PIPE-CLEANING HOSES / SUCTION ATTACHMENTS



Pipe-cleaning hose	
Work pressure max.	bar / MPa 200 / 20
Water output max.	l/min 19
Temperature max.	°C 60
Inlet	M22x1,5 male
Nozzle size, serial	KN 055
Hose length	m 10 15 20 25 30

■ For areas difficult to access such as outflows and gutters


Ord.no.	410581 41058 410582 410583 410584
---------	-----------------------------------



Pipe-cleaning hose with front bore	
Work pressure max.	bar / MPa 200 / 20
Water output max.	l/min 19
Temperature max.	°C 60
Inlet	M22x1,5 male
Nozzle size with front bore	KNF 055
Hose length	m 10 15 20 25 30

■ For areas difficult to access such as outflows and gutters


Ord.no.	410581-F 41058-F 410582-F 410583-F 410584-F
---------	---



Sand-blasting injector	
Work pressure max.	bar / MPa 250 / 25
Water output max.	l/min 19
for blasting material grain	mm 0.2 - 2
Inlet	M22x1,5 male
Nozzle size	D00055

■ for blasting sandstone and facades

Ord.no.	41068
---------	-------




Suction hose - with suction filter	
Hose length	m 3
Inlet	3/4" female

■ with check valve
■ for high-pressure cleaners with an output below 10 l/min, shorten the hose to 1.5 m

Ord.no.	150383
---------	--------



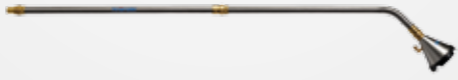
Fig. Pipe-cleaning hose



Sludge sucker	
Hose length	m 3.5
Work pressure max.	bar / MPa 250 / 25
Water output max.	l/min 20
Temperature max.	°C 60
Suction height max.	m 3
Suction power at 130 bar / 220 bar	l/h 10000 / 17500
Inlet	M22x1,5 male
Nozzle size, serial	M20055

■ Extraction of mud from pools and ponds


Ord.no.	41104
---------	-------



Sludge sucker stainless steel	
Length	m 2
Work pressure max.	bar / MPa 250 / 25
Water output max.	l/min 20
Temperature max.	°C 60
Suction height max.	m 3
Suction power at 130 bar / 220 bar	l/h 10000 / 17500
Inlet	M22x1,5 male
Nozzle size, serial	D00045

■ Extraction of mud from pools and ponds

Ord.no.	41801
---------	-------



Mud-extractor attachment	
Dimensions L	mm 300
Inlet	M22x1,5 male
Nozzle size, serial	D00045


■ Attachment for stainless steel mud extractor
■ for pool cleaning

Ord.no.	41802
---------	-------

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER


TRIGGER GUNS WITH SAFETY CATCHEN

M2000	
Work pressure max.	bar / MPa 270 / 27
Water output max.	l/min 30
Temperature max.	°C 150




M2000 - short version	
Inlet	M22x1,5 male
Outlet	1/4" female

Ord.no.	12490
---------	-------



M2000 - short version	
Inlet	3/8" female
Outlet	1/4" female


Ord.no.	12493
---------	-------



M2000 - short version	
Inlet	M22x1,5 male
Outlet	M22x1,5 female

■ with screw fitting


Ord.no.	12491
---------	-------



M2000 - short version	
Inlet	M22x1,5 male
Outlet	D12

■ with quick-change plug-in system


Ord.no.	12492
---------	-------



M2000 - with extension	
Inlet	M22x1,5 male
Outlet	M22x1,5 female

■ with screw fitting


Ord.no.	12480
---------	-------



M2000 - with extension	
Inlet	M22x1,5 male
Outlet	D12

■ with quick-change plug-in system

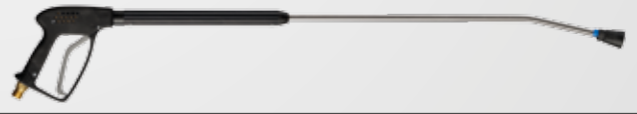
Ord.no.	12481
---------	-------



M2000 - continuous version	
Inlet	M22x1,5 male
Nozzle size	● D25045 ● D25055 ● D2507

■ with cranked stainless steel lance and flat jet nozzle

Ord.no.	12486-D25045 12486-D25055 12486-D2507
---------	---------------------------------------




Starlet - continuous version	
Inlet	M22x1,5 male
Nozzle size	● D2507 ● D2508 ● M20125

■ with cranked stainless steel lance and flat jet nozzle


Ord.no.	123203-D2507 123203-D2508 123203-M20125
---------	---

STARLET	
Work pressure max.	bar / MPa 250 / 25
Water output max.	l/min 40
Temperature max.	°C 150




Starlet - short version	
Inlet	M22x1,5 male
Outlet	1/4" female

Ord.no.	12326
---------	-------



Starlet - short version	
Inlet	3/8" female
Outlet	1/4" female


Ord.no.	12320
---------	-------



Starlet - short version	
Inlet	M22x1,5 male
Outlet	M22x1,5 female

■ with screw fitting


Ord.no.	123271
---------	--------



Starlet - short version	
Inlet	M22x1,5 male
Outlet	D12

■ with quick-change plug-in system

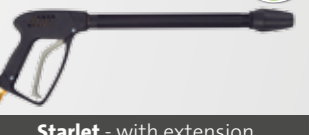
Ord.no.	123272
---------	--------



Starlet - with extension	
Inlet	M22x1,5 male
Outlet	M22x1,5 female

■ with screw fitting

Ord.no.	123202
---------	--------



Starlet - with extension	
Inlet	M22x1,5 male
Outlet	D12

■ with quick-change plug-in system

Ord.no.	12328
---------	-------

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

LANCES WITH SCREW CONNECTION



Stainless steel lance with flat jet nozzle

- with stainless steel tube
- Inlet: M22x1,5 male

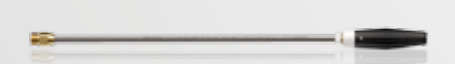
Nozzle size	Length mm	Ord.no.
M20028	500	12393-M20028
M2003	500	12393-M2003
M20042	500	12393-M20042
M20045	500	12393-M20045
D2507	500	12393-D2507
M2008	600	123922-M2008
M2010	600	123922-M2010
M2011	600	123922-M2011
M20035	600	123922-M20035
M20045	600	123922-M20045
M20125	600	123922-M20125
D2504	600	123922-D2504
D2505	600	123922-D2505
D2506	600	123922-D2506
D2507	600	123922-D2507
D25045	600	123922-D25045



Stainless steel lance with regulating nozzle

- with stainless steel tube
- max. 250 bar / 25 MPa
- Inlet: M22x1,5 male
- max. 150 °C

Nozzle size	Length mm	Ord.no.
M20042	500	12701-M20042
D2503	600	12395-D2503
D2504	600	12395-D2504
D2505	600	12395-D2505
D2507	600	12395-D2507
D25045	600	12395-D25045
D25055	600	12395-D25055



Vario-Jet lance

- with stainless steel tube
- max. 16 l/min
- Inlet: M22x1,5 male
- max. 200 bar / 20 MPa
- max. 80 °C

Nozzle size	Length mm	Ord.no.
O3	500	411568-O3
O42	500	411568-O42
O55	500	411568-O55



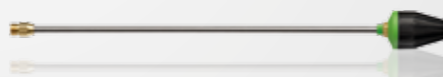
Fig. Version with screw connection



Dirtkiller lances

- with stainless steel tube
- max. 20 l/min
- Inlet: M22x1,5 male
- max. 220 bar / 22 MPa
- max. 70 °C

Nozzle size	Length mm	Ord.no.
O28	500	41570-O28
O3	500	41570-O3
O42	500	41570-O42
O45	500	41570-O45
O55	500	41570-O55
O7	500	41570-O7
O35	600	46150
O45	600	461501
O55	600	461503
O6	600	461502



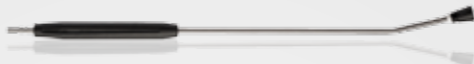
Turbokiller lances

- with stainless steel tube
- max. 30 l/min
- Inlet: M22x1,5 male
- max. 320 bar / 32 MPa
- max. 80 °C

Nozzle size	Length mm	Ord.no.
O4	600	41072
O45	600	410723
O5	600	41580-O5
O55	600	410724
O7	600	410727
O8	600	410728
O10	600	41580-O10
O11	600	41580-O11

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

LANCES WITH QUICK-CHANGE PLUG-IN SYSTEM



Stainless steel lance with flat jet nozzle

- with stainless steel tube
- with grip shells
- Inlet: Quick release insert D12

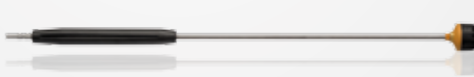
Nozzle size	Length mm	Ord.no.
D2503	1000	12420-D2503
D25045	1000	12420-D25045
D25055	1000	12420-D25055
D2507	1000	12420-D2507
D25075	1000	12420-D25075
D4011	1000	12420-D4011
D40125	1000	12420-D40125
D4015	1000	12420-D4015
D40175	1000	12420-D40175
D4020	1000	12420-D4020
1/4" female, without nozzle	1000	12420



Dirtkiller lance

- with stainless steel tube
- max. 20 l/min
- with grip shells
- max. 220 bar / 22 MPa
- Inlet: Quick release insert D12
- max. 70 °C

Nozzle size	Length mm	Ord.no.
O45	1000	12425-O45
O55	1000	12425-O55
O7	1000	12425-O7
O75	1000	12425-O75
1/4" female, without nozzle	1000	12442



Turbokiller lances

- with stainless steel tube
- max. 30 l/min
- with grip shells
- max. 320 bar / 32 MPa
- Inlet: Quick release insert D12
- max. 80 °C

Nozzle size	Length mm	Ord.no.
O4	1000	12430-O4
O45	1000	12430-O45
O55	1000	12430-O55
O7	1000	12430-O7
O10	1000	12430-O10
O11	1000	12430-O11
12	1000	12430-12
15	1000	12430-15
18	1000	12430-18
20	1000	12430-20
1/4" female, without nozzle	1000	12442



Fig. Version wit Quick-change plug-in system

EXPERT TIP!

QUICK-CHANGE CONNECTOR SYSTEM

Nearly all Kränzle high-pressure cleaners with screw-on system can also be ordered with a quick-change plug-in system.

Availability on pages 74-87 (Technical data)



Fig. Dirtkiller lance

ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

SPECIAL LANCES




Fig. Lance extensions with stainless steel pipe



Fig. Double lance - with turning hand knob




Fig. Toilet cleaning lance with stainless steel pipe + Lance extensions with stainless steel pipe



Lance extensions with stainless steel pipe		
Inlet	M22x1,5 male	
Outlet	M22x1,5 female	
Length	mm	500 1000

■ with stainless steel tube


Ord.no.	150048	41154
---------	--------	-------



Underbody lance with stainless steel pipe		
Inlet	M22x1,5 male	
Nozzle size	4007	
Length	mm	1000

■ with stainless steel tube
■ for hard-to-reach areas, e.g. vehicle bottoms


Ord.no.	41075
---------	-------



Toilet cleaning lance with stainless steel pipe		
Inlet	mm	M22x1,5 male
Nozzle size	D25055	
Length	mm	500

■ with stainless steel tube
■ for hard-to-reach areas, e.g. on toilets

Ord.no.	41076
---------	-------



Double lance - short	
Inlet	M22x1,5 male
Nozzle size, serial **	D3035
Dimensions LxB	mm 90x90

■ 1st nozzle opened = high-pressure
■ 1st + 2nd nozzle opened = low pressure
■ for smooth adjustment of the working pressure

Ord.no.	121315
---------	--------





Fig. 1000 mm Length

Double lance - with turning knob		
Inlet	M22x1,5 male	
Nozzle size, serial **	D3035	
Length	mm	660 1000

■ Stainless steel lance with turning knob
■ for smooth adjustment of the working pressure

Ord.no.	121316	121317
---------	--------	--------



Double lance - with turning hand knob			
Inlet	M22x1,5 male		
Nozzle size, serial **	D3035		
Quick-change plug-in system	-	-	●
Length	mm	660 1000 1000	

■ Stainless steel lance with turning hand knob
■ for smooth adjustment of the working pressure

Ord.no.	121311	12131	12133
---------	--------	-------	-------

**Low-pressure nozzle serially included. Order high-pressure nozzle separately.

Please indicate the technical data of the high-pressure cleaner when placing your order.


ACCESSORIES RANGE OF THE HIGH-PRESSURE CLEANER

ADAPTER / SPARE PARTS



Lance adapter - with grip shells	
Inlet	Quick release insert D12
Outlet	M22x1,5 female
Length	mm 400

Ord.no.	12440
---------	-------



Lance adapter	
Inlet	Quick release insert D12
Outlet	M22x1,5 female
Length	mm 100

Ord.no.	12441
---------	-------



Adapter - direct chimney connection	
Ø	mm 200

■ for use of setups with oil-heated high-pressure cleaners indoors
■ for all machines of the oil-heated therm series


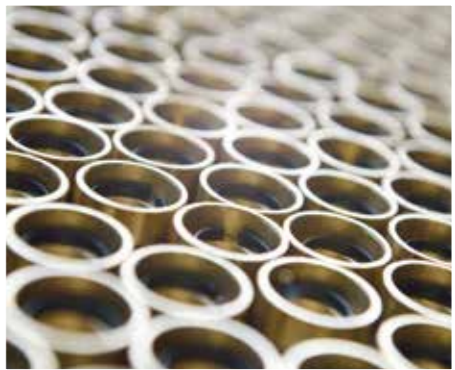
Ord.no.	44192
---------	-------



O-rings		
O-rings	9.3 x 2.4	
Piece number	10	100


■ for Kränzle manual screw connections

Ord.no.	132735	132736
---------	--------	--------



Nipple plug-in connection D12				
Inlet	Quick release insert D12			
Outlet	1/4" female	M22x1,5 male	M12x1 IG	R 1/4" AG
Length	mm	80	85	80 85

Ord.no.	13470	13471	13474	13475
---------	-------	-------	-------	-------



plug-in connection		
Inlet	plug-in connection D12	
Outlet	1/4" female	3/4" male
Length	mm	87 83

Ord.no.	13450	13451
---------	-------	-------



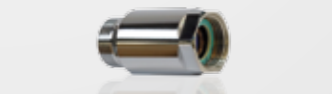
Hose connector	
Inlet	M22x1,5 male
Outlet	M22x1,5 male

Ord.no.	13286
---------	-------



Screw connection - turning	
Inlet	M22x1,5 female
Outlet	M22x1,5 male

Ord.no.	133602
---------	--------



Non-return valve	
Inlet	3/4" female
Outlet	3/4" male

■ with pipe ventilation

Ord.no.	410164
---------	--------



Ball valve - screw connection	
Inlet	M22x1,5 female
Outlet	M22x1,5 female

Ord.no.	132912
---------	--------

Please indicate the technical data of the high-pressure cleaner when placing your order.

HIGH-PRESSURE HOSES



Steel braided high-pressure hose Standard								
■ with steel mesh insert								
DN	Length m	Mesh insert SN	Work pressure max. bar / MPa	Temperature max. °C	Inlet	Outlet	Turning screw connec- tion at the output	Ord.no.
6	10	1	210 / 21	155	M22x1,5 female	M22x1,5 female	—	43416
6	15	1	210 / 21	155	M14x1.5 IG	M22x1,5 female	—	40170
6	15	1	210 / 21	155	Nipple rotatable	M22x1,5 female	—	48015
6	15	1	210 / 21	155	M22x1,5 female	M22x1,5 female	—	43829
6	20	1	210 / 21	155	M22x1,5 female	M22x1,5 female	—	434161
8	10	1	220 / 22	155	M22x1,5 female	M22x1,5 female	●	44878
8	15	1	220 / 22	155	M22x1,5 female	M22x1,5 female	●	44879
8	10	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	41081
8	20	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	443812
8	20	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	41083
8	25	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	41084
8	30	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	41080



Steel braided high-pressure hose Non-Marking (NoM)								
■ with steel mesh insert. Abrasion-proof and dirt-sensitive outer hose cover								
DN	Length m	Mesh insert SN	Work pressure max. bar / MPa	Temperature max. °C	Inlet	Outlet	Turning screw connec- tion at the output	Ord.no.
6	10	1	210 / 21	155	M22x1,5 female	M22x1,5 female	—	434162
6	15	1	210 / 21	155	M14x1.5 IG	M22x1,5 female	—	401701
6	15	1	210 / 21	155	Nipple rotatable	M22x1,5 female	—	480151
6	15	1	210 / 21	155	M22x1,5 female	M22x1,5 female	—	438291
6	20	1	210 / 21	155	M22x1,5 female	M22x1,5 female	—	434163
8	10	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	410811
8	15	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	410821
8	20	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	443813
8	20	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	410831
8	25	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	410841
8	30	2	400 / 40	155	M22x1,5 female	M22x1,5 female	●	410801

EXPERT TIP!

NON-MARKING (NoM)

Nearly all Kränzle-high-pressure cleaners are also available in a special design to prevent dark rubber marks on sensitive light floors.

- Wheels with white tyre rubber
- High-pressure hose in grey

For availability, see pages 74-87 (Technical data)



Please indicate the technical data of the high-pressure cleaner when placing your order.

HOSE DRUMS / RETROFITTING SETS



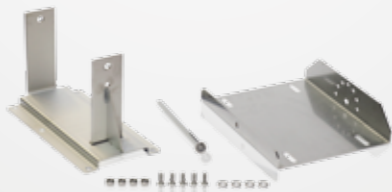
Steel mesh-high-pressure hose connection hose			
DN	8	8	
Length	m	1	2
Mesh insert	SN	2	1
Work pressure max.	bar / MPa	400 / 40	220 / 22
Temperature max.	°C	155	155
Inlet	M22x1,5 female	M22x1,5 female	
Outlet	M22x1,5 female	M22x1,5 female	
■ to connect the high-pressure pump to the hose drum			
Ord.no.	41265	412651	



Hose drum - retrofitting set					
Work pressure max.	bar / MPa	210 / 21	220 / 22	400 / 40	400 / 40
Length	m	15	15	20	20
for device series		K 2000	therm CA therm C	Profi-Jet	therm 1
■ Incl. steel mesh-high-pressure hose and connection hose					
Ord.no.	481001	441521	412591	443921	



Automatic hose winder - Base		
for hose length	m	20 (DN8) 28 (DN8)
■ Stainless steel ■ without wall holder and high-pressure hose (can be ordered separately)		
Ord.no.	412597	412598



Wall bracket		
for hose length	m	20 (DN8) 28 (DN8)
■ Stainless steel ■ Swivelling wall holder for automatic hose winder		
Ord.no.	412601	412602

TIPP!

Automatic hose reel - Set			
High-pressure hose	m	20 (DN8)	28 (DN8)
connection hose	m	2	2
■ Stainless steel ■ Incl. high-pressure hose and connection hose ■ Incl. swivelling wall holder			
Ord.no.	412681	412691	

Please indicate the technical data of the high-pressure cleaner when placing your order.

ACCESSORIES FOR STANDARD DEVICES

- | | Page 10-13 | Page 14-15 | Page 16-17 | Page 18-19 | Page 20-21 |
|----------------|--------------|------------|------------|--------------|----------------|
| 417321 | HD 7/122 TS | K 1152 TS | K 2160 TS | Prof 160 TST | bully 980 TS |
| 417331 | HD 10/122 TS | K 1152 TST | K 2160 TST | Prof 195 TST | bully 980 TST |
| 417171 | HD 9/80 | | K 2195 TS | Prof 175 TST | bully 1180 TS |
| 417168 | HD 12/130 | | K 2195 TST | | bully 1180 TST |
| 41219 412191 | | | K 2175 TS | | |
| 412181 | | | K 2175 TST | | |
| 417801 | | | | | |
| 417811 | | | | | |
| 417841 | | | | | |
| 417851 | | | | | |
| 417821 | | | | | |
| 417831 | | | | | |
| 412301 | | | | | |
| 412311 | | | | | |
| 412321 | | | | | |
| 403501 | | | | | |
| 40350 | | | | | |
| 403511 | | | | | |
| 40351 | | | | | |

	Page 22-23	Page 24-25	Page 26-28		Page 30-31	Page 32-33	Page 34-35		Page 36-37		Page 38-39	Page 40-41	Page 42-43	Page 44-46
	quadro 11/40 TST	quadro 599 TST	quadro 800 TST	quadro 1000 TS	LX 2000	Prof-Jet B 13/150	Prof-Jet B 10/200		Prof-Jet B 13/150		B 170 T	therm CA 11/130	therm 635-1	therm 875-1
404431	quadro 9/70 TST	quadro 799 TST	quadro 1000 TST	quadro 1200 TS	LX 2500	Prof-Jet B 10/200	Prof-Jet B 16/220		Prof-Jet B 10/200		B 240 T	therm CA 12/150	therm 875-1	therm 895-1
404421	quadro 12/150 TST	quadro 899 TST	quadro 1000 TST	quadro 1200 TST		Prof-Jet B 20/200	Prof-Jet B 16/250		Prof-Jet B 16/220		B 230 T	therm CA 15/120	therm C 11/130	therm 895-1
40431			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 11/300		B 270 T	therm C 13/180	therm C 15/150	therm 1165-1
40432			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
40434			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
40423 404230			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
404211 404219			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
40421 404210			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
404221 404229			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
40422 404220			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
404261 404269			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
40426 404260			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
40830			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
40840			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
41170			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
41182			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
411701			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
411821			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
411732 41173			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
41187 411871			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
41186 411861			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
411702			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
411822			quadro 800 TST	quadro 1000 TST		Prof-Jet B 10/200	Prof-Jet B 16/250		Prof-Jet B 20/200			therm C 15/150	therm 635-1	therm 1525-1
411733			quadro 800 T											

[illegible]

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[illegible][illegible][illegible][illegible]

Please indicate the technical data of the high-pressure cleaner when placing your order.

ACCESSORIES FOR STANDARD DEVICES

- | | Page 10-13 | Page 14-15 | Page 16-17 | Page 18-19 | Page 20-21 |
|----------------|--------------|------------|------------|--------------|----------------|
| 417321 | HD 7/122 TS | K 1152 TS | K 2160 TS | Prof 160 TST | bully 980 TS |
| 417331 | HD 10/122 TS | K 1152 TST | K 2160 TST | Prof 195 TST | bully 980 TST |
| 417171 | HD 9/80 | | K 2195 TS | Prof 175 TST | bully 1180 TS |
| 417168 | HD 12/130 | | K 2195 TST | | bully 1180 TST |
| 41219 412191 | | | K 2175 TS | | |
| 412181 | | | K 2175 TST | | |
| 417801 | | | | | |
| 417811 | | | | | |
| 417841 | | | | | |
| 417851 | | | | | |
| 417821 | | | | | |
| 417831 | | | | | |
| 412301 | | | | | |
| 412311 | | | | | |
| 412321 | | | | | |
| 403501 | | | | | |
| 40350 | | | | | |
| 403511 | | | | | |
| 40351 | | | | | |

[illegible][illegible]

63

ACCESSORIES FOR STANDARD DEVICES

- | | Page
10-13 | Page
14-15 | Page
16-17 | Page
18-19 | Page
20-21 |
|----------------|---------------|---------------|---------------|---------------|----------------|
| 417321 | HD 7/122 TS | K 1152 TS | K 2160 TS | Prof 160 TST | bully 980 TS |
| 417331 | HD 10/122 TS | K 1152 TST | K 2160 TST | Prof 195 TST | bully 980 TST |
| 417171 | HD 9/80 | | K 2195 TS | Prof 175 TST | bully 1180 TS |
| 41168 | HD 12/130 | | K 2195 TST | | bully 1180 TST |
| 41219 412191 | | | K 2175 TS | | |
| 412181 | | | K 2175 TST | | |
| 417801 | | | | | |
| 417811 | | | | | |
| 417841 | | | | | |
| 417851 | | | | | |
| 417821 | | | | | |
| 417831 | | | | | |
| 412301 | | | | | |
| 412311 | | | | | |
| 412321 | | | | | |
| 403501 | | | | | |
| 40350 | | | | | |
| 403511 | | | | | |
| 40351 | | | | | |

Page 22-23			Page 24-25			Page 26-28			Page 30-31			Page 32-33			Page 34-35			Page 36-37			Page 38-39			Page 40-41			Page 42-43			Page 44-46											
quadro 11/140 TST	quadro 9/170 TST	quadro 12/150 TST	quadro 599 TST	quadro 799 TST	quadro 899 TST	quadro 800 TST	quadro 1000 TS	quadro 1000 TST	quadro 1200 TS	quadro 1200 TST	quadro 1500 TS	quadro 1500 TST	LX 2000	LX 2500	Prof-Jet B 13/150	Prof-Jet B 10/200	Prof-Jet B 13/150	Prof-Jet B 10/200	Prof-Jet B 16/220	Prof-Jet B 20/200	Prof-Jet B 16/250	Prof-Jet B 13/150	Prof-Jet B 10/200	Prof-Jet B 16/220	Prof-Jet B 20/200	Prof-Jet B 16/250	B 170 T	B 240 T	B 230 T	B 270 T	therm CA 11/130	therm CA 12/150	therm CA 15/120	therm C 11/130	therm C 13/180	therm C 15/150	therm 635-1	therm 875-1	therm 895-1	therm 1165-1	therm 1525-1
404411	404431	404421	40431	40432	40434	40423 404230	404211 404219	40421 404210	404221 404229	40422 404220	404261 404269	40426 404260	40830	40840	41170	41182	411701	411821	411732 41173	411871 411871	41186 411861	411702	411822	411733	411872	411862	411901	411921	411941	411931	414606 414607	414616 414617	414626 414627	414426 414427	414416 414417	414406 414407	41349 413491	41342 413421	41352 413521	41353 413531	41348 413481

[illegible][illegible]

65

ACCESSORIES FOR STANDARD DEVICES

- | | Page
10-13 | Page
14-15 | Page
16-17 | Page
18-19 | Page
20-21 |
|----------------|---------------|---------------|---------------|---------------|----------------|
| 417321 | HD 7/122 TS | K 1152 TS | K 2160 TS | Prof 160 TST | bully 980 TS |
| 417331 | HD 10/122 TS | K 1152 TST | K 2160 TST | Prof 195 TST | bully 980 TST |
| 4171 | HD 9/80 | | K 2195 TS | Prof 175 TST | bully 1180 TS |
| 41168 | HD 12/130 | | K 2195 TST | | bully 1180 TST |
| 41219 412191 | | | K 2175 TS | | |
| 412181 | | | K 2175 TST | | |
| 417801 | | | | | |
| 417811 | | | | | |
| 417841 | | | | | |
| 417851 | | | | | |
| 417821 | | | | | |
| 417831 | | | | | |
| 412301 | | | | | |
| 412311 | | | | | |
| 412321 | | | | | |
| 403501 | | | | | |
| 40350 | | | | | |
| 403511 | | | | | |
| 40351 | | | | | |

[illegible]

O	O	O	O	O	O	O	O	O	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O	O	□	□	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O	O	□	□	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
-	-	-	-	-	-	-	-	-	-	□	□	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O	O	O	O	O	O	O	O	O	O	□	□	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
-	-	-	-	-	-	-	-	-	-	□	□	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Δ	Δ	Δ	Δ	Δ	Δ	Δ	○	○	-	-	-	-	-	-	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ

[illegible][illegible]

67

HAND POWER SWEEPERS
Kränzle 2+2



Double-roller hasp principle



Technical specifications			Kränzle 2+2
Working width	mm		800
Volume storage bin	l		40
Weight	kg		16
Ord.no.			50076

HAND POWER SWEEPERS
Kränzle 1+1



Dustpan principle



Technical specifications			Kränzle 1+1
Working width	mm		670
Volume storage bin	l		40
Weight	kg		24
Ord.no.			50077

INDUSTRIAL VACUUM CLEANERS

The **Ventos-Series**



			Ventos 20 E/L		Ventos 30 E/L	
Technical specifications						
Dust classification			L		L	
Protection type			IP x 4		IP x 4	
Connected load			V / ~ / Hz / A		230 / 1 / 50-60 / 16	
Power intake / Appliance socket			W	W	400 - 1200	2400
Sound pressure level			dB (A)		72	
Volume flow max. (turbine)			l/min.		3700	
Vacuum max. (turbine)			Pa	mbar	24000	240
Container volume			l		17	
Max. filling volume when vacuuming water			l		6	
Dimensions L x W x H			mm		485 / 380 / 445	
Weight (without Accessories)			kg		9.4	
Equipment						
Main filter cartridge			●		●	
Dust bag			5 parts		●	
Suction hose			●		●	
Floor nozzle for wet vacuuming			●		●	
Extension tubes from Stainless steel			2 parts		●	
Hand pipe, angled			●		●	
Flat nozzle			●		●	
Upholstery nozzle			●		●	
Suction brush			●		●	
Ord.no.			583910		583930	



EXPERT TIP!

ANIMAL CARE MADE EASY

Equip your Kränzle Ventos vacuum unit with the Kränzle animal hair brush. The brush attachment clearly reduces dust development in animal care. Vacuuming improves fur cleaning and reduces the risk of pressure points.

Suction brush [584020]:

- 175 mm
- with hook-and-loop closure



INDUSTRIAL VACUUM CLEANERS

TECHNICAL HIGHLIGHTS

THE KRÄNZLE VENTOS SERIES CONVINCES IN WET AND DRY VACUUMING!

The wet and dry vacuum cleaners Kränzle-Ventos are the best example of the innovative power of Kränzle. The sophisticated construction principle offers best function, suction power and stability with its many technical details.



FILTER ELEMENTS MADE OF PES FIBROUS WEB

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.

ELECTRONIC LEVEL MONITOR

When sucking in liquids 2 electrodes switch off the turbine automatically as soon as the maximum liquid level is reached.



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.



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.



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.



HIGH STABILITY

Due to the compact and rounded design the Ventos 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.




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.


INDUSTRIAL VACUUM CLEANERS

ACCESSORIES RANGE


STANDARD ACCESSORIES - ENCLOSED IN THE DELIVERY


		
Main filter cartridge		
Dimensions L	mm	280
■ made of PES-Vlies		
Ord.no.		454403

		
Suction hose		
Hose length	m	3.5 (DN 36)
Ord.no.		452819


		
Dust bag		
Dimensions L	mm	380 630
Parts		5 5
■ for Kränzle Ventos		
	20 E/L	30 E/L
Ord.no.		454400 454401


		
Extension tubes		
Dimensions L	mm	500
Parts		2
■ Stainless steel		
Ord.no.		584030


		
Floor nozzle + Insert		
Dimensions L	mm	300
■ for vacuuming large surfaces		
■ with separate rubber strips for wet vacuuming		
Ord.no.		584021

		
Insert Floor nozzle		
Dimensions L	mm	258
■ Brush strip		
■ Rubber strip for wet vacuuming		
Ord.no.		584016


		
Hand pipe, angled		
Dimensions L	mm	370
■ Plastic with air slider		
Ord.no.		584029


		
Flat nozzle		
Dimensions L	mm	300
■ for narrow spots		
Ord.no.		584023


		
Upholstery nozzle		
Dimensions L x B	mm	109 x 145
■ for cleaning textile surfaces		
Ord.no.		584009

		
Suction brush		
Dimensions Ø x H	mm	65 x 93
■ for sensitive surfaces		
Ord.no.		584008


SPECIAL ACCESSORIES - CAN BE ORDERED OPTIONALLY


		
Turbo brush		
Dimensions L	mm	280
■ Powered brush roller		
■ to vacuum carpets		
Ord.no.		584024


		
Carpet nozzle		
Dimensions L	mm	295
■ reversible		
■ for carpets and smooth surfaces		
Ord.no.		584018

		
Broad nozzle		
Dimensions L x B	mm	250 x 65
■ For areas difficult to access		
Ord.no.		584012

		
Universal brush nozzle		
Dimensions L	mm	230
■ for dual vacuuming and brushing		
Ord.no.		584017


		
Suction brush		
Dimensions L	mm	235
■ for animal care		
■ with hook-and-loop closure		
Ord.no.		584020


		
Suction curry-comb		
Dimensions L	mm	240
■ for animal care		
■ with hook-and-loop closure		
Ord.no.		584019


		
Floor nozzle		
Dimensions L	mm	450
■ made of aluminium		
■ Brush strip & Rubber strip for wet vacuuming		
■ for vacuuming large surfaces		
Ord.no.		584028

Brush strips	Rubber strips	
Dimensions L mm	445	405
■ 2 parts		
■ for floor nozzle (Ord.no. 584028)		
Ord.no.	584027	584026

		
Extension		
Dimensions L	mm	500
■ made of Plastic		
Ord.no.		584011

		
Suction hose		
Hose length	m	3.5 (DN 27)
■ for electrical machines with extraction feature		
Ord.no.		584080

		
Adapter		
Dimensions L	mm	170
Nozzle	mm	45 x 34.9
■ Adapter for suction hose		
Ord.no.		584006

		
Hose connection		
Dimensions L	mm	89
Suction hose		DN 36
■ for two suction hoses		
Ord.no.		584043

DEVICE COMPARISON – TECHNICAL DATA

COLD WATER – PORTABLE

			HD-Series (Page 10-13)							
			HD 7/122 TS		HD 10/122 TS		HD 9/80		HD 12/130	
Technical specifications										
Work pressure adjustable	bar / MPa		30-120 / 3-12		30-120 / 3-12		30-80 / 3-8		30-130 / 3-13	
Max. admissible overpressure	bar / MPa		135 / 13.5		135 / 13.5		90 / 9		145 / 14.5	
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 7.5		230 / 1 / 50 / 11		230 / 1 / 50 / 7.5		230 / 1 / 50 / 13.5	
Motor speed	Rpm		1400		2800		1400		1400	
Inlet water temperature, max.	°C		60		60		60		60	
Water output	l/min	l/h	7	420	10	600	9	540	11	660
Power intake / Power output	kW	kW	1.6	1.0	2.5	1.8	1.6	1.0	2.9	2.2
Direct suction (suction height)	m		1.5		—		1.5		2.5	
Volume water tank	l		—		—		—		—	
Power supply cable	m		5		5		5		5	
Dimensions L x W x H	mm		440 / 200 / 330		440 / 200 / 330		470 / 230 / 320		500 / 240 / 320	
Weight	kg		22		23		24		30	
Equipment										
Total-stop system			●		●		—		—	
Total-stop system with delayed motor cut-out			—		—		—		—	
Additional electrical overcurrent protection			—		—		—		—	
Locking brake			—		—		—		—	
High pressure detergent			—		—		●		●	
Hose drum	Ord.no.		—		—		—		—	
Equipment										
Steel mesh-high-pressure	Ord.no.	m	43416	10 (DN 6)	43416	10 (DN 6)	43416	10 (DN 6)	43416	10 (DN 6)
Trigger guns with safety catche	Ord.no.	Model	12480	M2000	12480	M2000	12480	M2000	12480	M2000
Dirtkiller lance	Ord.no.	Nozzle size	41570-028	● 028	41570-042	● 042	—	—	—	—
Stainless steel lance with flat jet nozzle	Ord.no.	Nozzle size	12393-M20028	● M20028	12393-M20042	● M20042	—	—	—	—
Vario-Jet lance	Ord.no.	Nozzle size	—	—	—	—	411568-042	● 042	—	—
Stainless steel lance with regulating nozzle	Ord.no.	Nozzle size	—	—	—	—	—	—	12701-M20042	● M20042
Turbokiller lances	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—
Water inlet filter	Ord.no.		—		—		—		—	
Ord.no.			417321		417331		41171		41168	

Devices with quick-change plug-in system / Non-Marking					
Quick-change plug-in system	Ord.no.	–	–	–	–
Non-Marking (NoM)	Ord.no.	–	–	–	–
Non-Marking (NoM) incl. Quick-change plug-in system	Ord.no.	–	–	–	–

DEVICE COMPARISON – TECHNICAL DATA

COLD WATER – TWO-WHEEL

K 1152-Series (Page 14-15)				K 2000-Series (Page 16-17)							
K 1152 TS		K 1152 TST		K 2160 TS		K 2160 TST		K 2195 TS		K 2195 TST	
without hose drum		incl. hose drum		without hose drum		incl. hose drum		without hose drum		incl. hose drum	
30-130 / 3-13		30-130 / 3-13		30-140 / 3-14		30-140 / 3-14		30-180 / 3-18		30-180 / 3-18	
150 / 15		150 / 15		160 / 16		160 / 16		195 / 19.5		195 / 19.5	
230 / 1 / 50 / 12		230 / 1 / 50 / 12		230 / 1 / 50 / 14		230 / 1 / 50 / 14		230 / 1 / 50 / 14		230 / 1 / 50 / 14	
2800		2800		1400		1400		1400		1400	
60		60		60		60		60		60	
10	600	10	600	11	660	11	660	8	480	8	480
2.8	2.0	2.8	2.0	3.2	2.4	3.2	2.4	3.2	2.4	3.2	2.4
—		—		2.5		2.5		2.5		2.5	
—		—		—		—		—		—	
5		5		5		5		5		5	
360 / 365 / 870		360 / 365 / 870		375 / 360 / 900		375 / 360 / 900		375 / 360 / 900		375 / 360 / 900	
29		31.5		37		39.5		37		39.5	
●		●		●		●		●		●	
—		—		—		—		—		—	
—		—		—		—		—		—	
—		—		—		—		—		—	
●		●		●		●		●		●	
—		●		—		●		—		●	
43416	10 (DN 6)	48015	15 (DN 6)	43416	10 (DN 6)	48015	15 (DN 6)	43416	10 (DN 6)	48015	15 (DN 6)
12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000
— / 41570-042	— / ● 042	41570-042	● 042	41570-042	● 042	41570-042	● 042	41570-03	○ 03	41570-03	○ 03
—	—	—	—	—	—	—	—	—	—	—	—
411568-042	● 042	411568-042	● 042	411568-042	● 042	411568-042	● 042	411568-03	○ 03	411568-03	○ 03
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—		—		—		—		—		—	
without dirtkiller lance	incl. dirtkiller lance	incl. dirtkiller lance									
41219	412191	412181		417801		417811		417841		417851	

without dirtkiller lance	incl. dirtkiller lance	incl. dirtkiller lance				
–	–	–	–	–	–	–
412192	412193	412182	417802	417812	417842	417852
–	–	–	–	–	–	–

DEVICE COMPARISON – TECHNICAL DATA

COLD WATER – TWO-WHEEL

			K 2000-Series (Page 16-17)				Profi-Series (Page 18-19)				bully-Series (Page 20-21)									
			K 2175 TS		K 2175 TST		Profi 160 TST		Profi 195 TST		Profi 175 TST		bully 980 TS		bully 980 TST		bully 1180 TS		bully 1180 TST	
Technical specifications			without hose drum		incl. hose drum								without hose drum		incl. hose drum		without hose drum		incl. hose drum	
Work pressure adjustable	bar / MPa		30-160 / 3-16		30-160 / 3-16		30-140 / 3-14		30-170 / 3-17		30-150 / 3-15		30-180 / 3-18		30-180 / 3-18		30-160 / 3-16		30-160 / 3-16	
Max. admissible overpressure	bar / MPa		175 / 17.5		175 / 17.5		160 / 16		195 / 19.5		175 / 17.5		200 / 20		200 / 20		180 / 18		180 / 18	
Connected load	V / ~ / Hz / A		400 / 3 / 50 / 6.7		400 / 3 / 50 / 6.7		230 / 1 / 50 / 14.3		230 / 1 / 50 / 14.3		400 / 3 / 50 / 7.2		400 / 3 / 50 / 11.5		400 / 3 / 50 / 11.5		400 / 3 / 50 / 11.5		400 / 3 / 50 / 11.5	
Motor speed	Rpm		1400		1400		1400		1400		1400		1400		1400		1400		1400	
Inlet water temperature, max.	°C		60		60		60		60		60		60		60		60		60	
Water output	l/min	l/h	12	720	12	720	11	660	8	480	12	720	16	960	16	960	19	1140	19	1140
Power intake / Power output	kW	kW	3.3	2.6	3.3	2.6	3.2	2.5	3.2	2.5	3.8	3.0	7.0	5.0	7.0	5.0	7.0	5.0	7.0	5.0
Direct suction (suction height)	m		2.5		2.5		2.5		2.5		2.5		2.5		2.5		2.5		2.5	
Volume water tank	l		—		—		1.3		1.3		1.3		—		—		—		—	
Power supply cable	m		5		5		5		5		5		7.5		7.5		7.5		7.5	
Dimensions L x W x H	mm		375 / 360 / 900		375 / 360 / 900		355 / 375 / 980		355 / 375 / 980		355 / 375 / 980		730 / 425 / 970		730 / 425 / 970		730 / 425 / 970		730 / 425 / 970	
Weight	kg		37		39.5		45		45		45		65		68		65		68	
Equipment																				
Total-stop system			●		●		●		●		●		●		●		●		●	
Total-stop system with delayed motor cut-out			—		—		—		—		—		—		—		—		—	
Additional electrical overcurrent protection			—		—		—		—		—		—		—		—		—	
Locking brake			—		—		—		—		—		—		—		—		—	
High pressure detergent			●		●		●		●		●		—		—		—		—	
Hose drum	Ord.no.		—		●		●		●		●		—		●		—		●	
Equipment																				
Steel mesh-high-pressure	Ord.no.	m	43416	10 (DN 6)	48015	15 (DN 6)	43829	15 (DN 6)	43829	15 (DN 6)	43829	15 (DN 6)	44878	10 (DN 8)	46411	15 (DN 8)	44878	10 (DN 8)	46411	15 (DN 8)
Trigger guns with safety catche	Ord.no.	Model	12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000	12492	M2000	12492	M2000	12492	M2000	12492	M2000
Dirtkiller lance	Ord.no.	Nozzle size	41570-042	● 042	41570-042	● 042	41570-042	● 042	41570-03	○ 03	41570-042	● 042	12425-055	● 055	12425-055	● 055	12425-075	● 075	12425-075	● 075
Stainless steel lance with flat jet nozzle	Ord.no.	Nozzle size	—	—	—	—	12393-M20042	● M20042	12393-M2003	○ M2003	—	—	12420-D25055	● D25055	12420-D25055	● D25055	12420-D25075	● D25075	12420-D25075	● D25075
Vario-Jet lance	Ord.no.	Nozzle size	411568-042	● 042	411568-042	● 042	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stainless steel lance with regulating nozzle	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Turbokiller lances	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Water inlet filter	Ord.no.		—		—		—		—		—		—		—		—		—	
Ord.no.			417821		417831		412301		412311		412321		403501		40350		403511		40351	

Devices with quick-change plug-in system / Non-Marking					
Quick-change plug-in system	Ord.no.	–		–	
Non-Marking (NoM)	Ord.no.	417822		417832	
Non-Marking (NoM) incl. Quick-change plug-in system	Ord.no.	–		–	

–	default	default	default	default
412323	403503	403502	403513	403512
–	–	–	–	–

COLD WATER – FOUR WHEELS

			small quadro-Series (Page 22-23)						middle quadro-Series (Page 24-25)			
			quadro 11/140 TST		quadro 9/170 TST		quadro 12/150 TST		quadro 599 TST		quadro 799 TST	
Technical specifications												
Work pressure adjustable	bar / MPa		30-140 / 3-14		30-170 / 3-17		30-150 / 3-15		30-150 / 3-15		30-180 / 3-18	
Max. admissible overpressure	bar / MPa		155 / 15.5		190 / 19		165 / 16.5		165 / 16.5		200 / 20	
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 14		230 / 1 / 50 / 14		400 / 3 / 50 / 6.8		230 / 1 / 50 / 14		400 / 3 / 50 / 8.5	
Motor speed	Rpm		1400		1400		1400		1400		1400	
Inlet water temperature, max.	°C		60		60		60		60		60	
Water output	l/min	l/h	11	660	9	540	12	720	10	600	13	780
Power intake / Power output	kW	kW	3.3	2.4	3.3	2.4	3.5	2.8	3.3	2.4	5.5	4.0
Direct suction (suction height)	m		2.5		2.5		2.5		2.5		2.5	
Volume water tank	l		7		7		7		10		10	
Power supply cable	m		5		5		7.5		5		7.5	
Dimensions L x W x H	mm		590 / 360 / 850		590 / 360 / 850		590 / 360 / 850		780 / 395 / 870		780 / 395 / 870	
Weight	kg		46		46		46		62		62	
Equipment												
Total-stop system			●		●		●		–		–	
Total-stop system with delayed motor cut-out			–		–		–		●		●	
Additional electrical overcurrent protection			–		–		–		●		●	
Locking brake			●		●		●		●		●	
High pressure detergent			●		●		●		●		●	
Hose drum	Ord.no.		●		●		●		●		●	
Equipment												
Steel mesh-high-pressure	Ord.no.	m	40170	15 (DN 6)	40170	15 (DN 6)	40170	15 (DN 6)	434161	20 (DN 6)	434161	20 (DN 6)
Trigger guns with safety catche	Ord.no.	Model	12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000
Dirtkiller lance	Ord.no.	Nozzle size	41570-045	● 045	41570-03	○ 03	41570-045	● 045	46150	● 035	461501	● 045
Stainless steel lance with flat jet nozzle	Ord.no.	Nozzle size	12393-M20045	● M20045	12393-M2003	○ M2003	12393-M20045	● M20045	123922-M20035	● M20035	123922-M20045	● M20045
Vario-Jet lance	Ord.no.	Nozzle size	–	–	–	–	–	–	–	–	–	–
Stainless steel lance with regulating nozzle	Ord.no.	Nozzle size	–	–	–	–	–	–	–	–	–	–
Turbokiller lances	Ord.no.	Nozzle size	–	–	–	–	–	–	–	–	–	–
Water inlet filter	Ord.no.		–		–		–		–		–	
Ord.no.			404411		404431		404421		40431		40432	

Devices with quick-change plug-in system / Non-Marking						
Quick-change plug-in system	Ord.no.	–	–	–	404314	404324
Non-Marking (NoM)	Ord.no.	404415	404435	404425	404315	404325
Non-Marking (NoM) incl. Quick-change plug-in system	Ord.no.	–	–	–	404316	404326

		large quadro-Series (Page 26-27)									
quadro 899 TST		quadro 800 TST		quadro 1000 TS		quadro 1000 TST		quadro 1200 TS		quadro 1200 TST	
		incl. hose drum		without hose drum		incl. hose drum		without hose drum		incl. hose drum	
30-150 / 3-15		30-250 / 3-25		30-220 / 3-22		30-220 / 3-22		30-180 / 3-18		30-180 / 3-18	
170 / 17		270 / 27		250 / 25		250 / 25		200 / 20		200 / 20	
400 / 3 / 50 / 8.5		400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12	
1400		1400		1400		1400		1400		1400	
60		60		60		60		60		60	
15	900	13.3	798	16	960	16	960	19	1140	19	1140
5.5	4.0	7.5	5.5	7.5	5.5	7.5	5.5	7.5	5.5	7.5	5.5
2.5		2.5		2.5		2.5		2.5		2.5	
10		16		16		16		16		16	
7.5		7.5		7.5		7.5		7.5		7.5	
780 / 395 / 870		770 / 570 / 990		770 / 570 / 990		770 / 570 / 990		770 / 570 / 990		770 / 570 / 990	
62		89		82		89		82		89	
–		–		–		–		–		–	
●		●		●		●		●		●	
●		●		●		●		●		●	
●		●		●		●		●		●	
●		●		●		●		●		●	
●		●		–		●		–		●	
44879	15 (DN 8)	41083	20 (DN 8)	41081	10 (DN 8)	41083	20 (DN 8)	41081	10 (DN 8)	41083	20 (DN 8)
12480	M2000	123202	Starlet	123202	Starlet	123202	Starlet	123202	Starlet	123202	Starlet
461502	● 06	–	–	–	–	–	–	–	–	–	–
123922-D2506	● D2506	123922-D2504	● D2504	123922-D2505	● D2505	123922-D2505	● D2505	123922-D2507	● D2507	123922-D2507	● D2507
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	41072	● 04	–	–	41580-05	● 05	–	–	410727	● 07
–		–		–		–		–		–	
		Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage
40434		40423	404230	404211	404219	40421	404210	404221	404229	40422	404220

	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage	Standard undercarriage	Stainless steel undercarriage
404344	40413	404130	404111	404119	40411	404110	404121	404129	40412	404120
404345	–	404137	–	404117	–	404115	–	404127	–	404125
404346	–	404138	–	404118	–	404116	–	404128	–	404126

DEVICE COMPARISON – TECHNICAL DATA

COLD WATER – WITH COMBUSTION ENGINE

			Profi-Jet-Series (without hose drum) (Page 34-35)							
			Profi-Jet B 20/200		Profi-Jet B 16/250		Profi-Jet B 13/150		Profi-Jet B 10/200	
Technical specifications			without hose drum		without hose drum		incl. hose drum		incl. hose drum	
Work pressure adjustable	bar / MPa		30-200 / 3-20		30-250 / 3-25		30-150 / 3-15		30-200 / 3-20	
Max. admissible overpressure	bar / MPa		220 / 22		270 / 27		170 / 17		220 / 22	
Inlet water temperature, max.	°C		60		60		60		60	
Water output	l/min l/h		20	1200	16	960	13	780	10	600
Direct suction (suction height)	m		2.5		2.5		2.5		2.5	
Volume water tank	l		–		–		–		–	
Dimensions L x W x H	mm		785 / 570 / 995		785 / 570 / 995		770 / 570 / 1005		770 / 570 / 1005	
Weight	kg		64 / 65		64 / 65		42		44	
Technical data/equipment (combustion engine)										
Engine			Honda GX390 LX		Honda GX390 LX		Honda GX160 LX		Honda GX200 LX	
Speed adjustment			– / ●		– / ●		●		●	
Equipment										
Total-stop system			–		–		–		–	
Total-stop system with delayed motor cut-out			–		–		–		–	
Additional electrical overcurrent protection			–		–		–		–	
Locking brake			–		–		–		–	
High pressure detergent			–		–		–		–	
Hose drum	Ord.no.		–		–		●		●	
Equipment										
Steel mesh-high-pressure	Ord.no.	m	41081	10 (DN 8)	41081	10 (DN 8)	41083	20 (DN 8)	41083	20 (DN 8)
Trigger guns with safety catche	Ord.no.	Model	123202	Starlet	123202	Starlet	12480	M2000	12480	M2000
Dirtkiller lance	Ord.no.	Nozzle size	–	–	–	–	–	–	41570-03	○ 03
Stainless steel lance with flat jet nozzle	Ord.no.	Nozzle size	–	–	–	–	–	–	–	–
Vario-Jet lance	Ord.no.	Nozzle size	–	–	–	–	–	–	–	–
Stainless steel lance with regulating nozzle	Ord.no.	Nozzle size	12395-D2507	● D2507	12395-D25045	● D25045	12395-D2505	● D2505	12395-D2503	○ D2503
Turbokiller lances	Ord.no.	Nozzle size	–	–	–	–	–	–	–	–
Water inlet filter	Ord.no.		13310		13310		13310		13310	
			without DZR	incl. DZR	without DZR	incl. DZR	incl. DZR		incl. DZR	
Ord.no.			41187	411871	41186	411861	411702		411822	

Devices with quick-change plug-in system / Non-Marking		without DZR	incl. DZR	without DZR	incl. DZR	incl. DZR	
Quick-change plug-in system	Ord.no.	–	–	–	–	–	
Non-Marking (NoM)	Ord.no.	–	–	–	–	–	
Non-Marking (NoM) incl. Quick-change plug-in system	Ord.no.	–	–	–	–	–	

Profi-Jet-Series (incl. hose drum) (Page 36-37)			B-Series (Page 38-39)			
Profi-Jet B 16/220	Profi-Jet B 20/200	Profi-Jet B 16/250	B 170 T	B 240 T	B 230 T	B 270 T
incl. hose drum	incl. hose drum	incl. hose drum				
30-200 / 3-20	30-200 / 3-20	30-250 / 3-25	30-150 / 3-15	30-220 / 3-22	30-200 / 3-20	30-250 / 3-25
220 / 22	220 / 22	270 / 27	170 / 17	240 / 24	230 / 23	270 / 27
60	60	60	60	60	60	60
16 960	20 1200	16 960	12,5 750	16 960	20 1200	16 960
2.5	2.5	2.5	2.5	2.5	2.5	2.5
–	–	–	–	–	–	–
785 / 570 / 1005	785 / 570 / 1005	785 / 570 / 1005	720 / 570 / 960	720 / 570 / 960	720 / 570 / 960	720 / 570 / 960
71	71	71	68	93	93	93

Honda GX340 LX	Honda GX390 LX	Honda GX390 LX	Honda GX160 LX	Honda GX340 LX	Honda GX390 LX	Honda GX390 LX
●	●	●	–	●	●	●

–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	●	●	●	●
–	–	–	–	–	–	–
●	●	●	●	●	●	●

41083	20 (DN 8)	41083	20 (DN 8)	41083	20 (DN 8)	41083	20 (DN 8)	41083	20 (DN 8)	41083	20 (DN 8)	41083	20 (DN 8)
123202	Starlet	123202	Starlet	123202	Starlet	12489	M2000	123202	Starlet	123202	Starlet	123202	Starlet
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
12395-D2505	● D2505	12395-D2507	● D2507	12395-D25045	● D25045	12395-D2505	● D2505	12395-D2505	● D2505	12395-D2507	● D2507	12395-D25045	● D25045
–	–	–	–	–	–	41580-05	● 05	41580-05	● 05	410727	● 07	410723	● 045
13310		13310		13310		13310		13310		13310		13310	
incl. DZR		incl. DZR		incl. DZR		without DZR		incl. DZR		incl. DZR		incl. DZR	
411733		411872		411862		411901		411921		411941		411931	

incl. DZR	incl. DZR	incl. DZR	without DZR	incl. DZR	incl. DZR	incl. DZR
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–

HOT WATER – OIL HEATED

			therm CA-Series (Page 40-41)									
			therm CA 11/130		therm CA 11/130		therm CA 12/150		therm CA 12/150		therm CA 15/120	
Technical specifications			without hose drum		incl. hose drum		without hose drum		incl. hose drum		without hose drum	
Work pressure adjustable	bar / MPa		30-130 / 3-13		30-130 / 3-13		30-150 / 3-15		30-150 / 3-15		30-120 / 3-12	
Max. admissible overpressure	bar / MPa		145 / 14.5		145 / 14.5		170 / 17		170 / 17		135 / 13.5	
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 15		230 / 1 / 50 / 15		400 / 3 / 50 / 7.2		400 / 3 / 50 / 7.2		400 / 3 / 50 / 7.2	
Motor speed	Rpm		1400		1400		1400		1400		1400	
Inlet water temperature, max.	°C		60		60		60		60		60	
Water output	l/min	l/h	11	660	11	660	12	720	12	720	15	900
Power intake / Power output	kW	kW	3.4	2.3	3.4	2.3	3.8	3.0	3.8	3.0	3.8	3.0
Direct suction (suction height)	m		—		—		—		—		—	
Volume water tank	l		4		4		4		4		4	
Power supply cable	m		5		5		7.5		7.5		7.5	
Dimensions L x W x H	mm		790 / 590 / 980		790 / 590 / 1240		790 / 590 / 980		790 / 590 / 1240		790 / 590 / 980	
Weight	kg		150		171		150		171		150	
Technical data/equipment (hot water)												
Hot water output adjustable	°C		12-82		12-82		12-80		12-80		12-80	
Steam level	°C		140		140		140		140		150	
Oil consumption at max. heating output	kg/h	l/h	5.1	6.1	5.1	6.1	5.4	6.4	5.4	6.4	6.0	7.1
Heating oil consumption ΔT 45 °	kW	kW	3.2	3.8	3.2	3.8	3.5	4.1	3.5	4.1	4.3	5.1
Heating output	kW		55		55		58		58		65	
Fuel tank	l		25		25		25		25		25	
Water flow monitoring			●		●		●		●		●	
Combustion chamber pre-ventilation			●		●		●		●		●	
Visual flame monitoring			—		—		—		—		—	
Safety thermostat (exhaust temperature in excess of 260 °C)			—		—		—		—		—	
4-way safety system with overload protection			—		—		—		—		—	
Burner stops when there is a lack of heating oil			—		—		—		—		—	
Operating hours meter			—		—		—		—		—	
Equipment												
Total-stop system			●		●		●		●		●	
Total-stop system with delayed motor cut-out			—		—		—		—		—	
Additional electrical overcurrent protection			—		—		—		—		—	
Locking brake			●		●		●		●		●	
High pressure detergent			●		●		●		●		●	
Hose drum	Ord.no.		—		●		—		●		—	
Equipment												
Steel mesh-high-pressure	Ord.no.	m	44878	10 (DN 8)	44879	15 (DN 8)	44878	10 (DN 8)	44879	15 (DN 8)	44878	10 (DN 8)
Trigger guns with safety catche	Ord.no.	Model	12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000
Dirtkiller lance	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—	—	—
Stainless steel lance with flat jet nozzle	Ord.no.	Nozzle size	123922-D25045	● D25045	123922-D25045	● D25045	123922-D25045	● D25045	123922-D25045	● D25045	123922-D2507	● D2507
Vario-Jet lance	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—	—	—
Stainless steel lance with regulating nozzle	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—	—	—
Turbokiller lances	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—	—	—
Water inlet filter	Ord.no.		13310		13310		13310		13310		13310	

Ord.no.	414606	414607	414616	414617	414626
---------	--------	--------	--------	--------	--------

Devices with quick-change plug-in system / Non-Marking						
Quick-change plug-in system	Ord.no.	414604	414605	414618	414619	414624
Non-Marking (NoM)	Ord.no.	–	–	–	–	–
Non-Marking (NoM) incl. Quick-change plug-in system	Ord.no.	–	–	–	–	–

therm C-Series (Page 42-43)											
		therm CA 15/120		therm C 11/130		therm C 11/130		therm C 13/180		therm C 13/180	
		incl. hose drum		without hose drum		incl. hose drum		without hose drum		incl. hose drum	
		30-120 / 3-12		30-130 / 3-13		30-130 / 3-13		30-180 / 3-18		30-180 / 3-18	
		135 / 13.5		145 / 14.5		145 / 14.5		200 / 20		200 / 20	
		400 / 3 / 50 / 7.2		230 / 1 / 50 / 15		230 / 1 / 50 / 15		400 / 3 / 50 / 8.7		400 / 3 / 50 / 8.7	
		1400		1400		1400		1400		1400	
		60		60		60		60		60	
		15	900	11	660	11	660	13	780	13	780
		3.8	3.0	3.4	2.3	3.4	2.3	4.8	4.0	4.8	4.0
		–		–		–		–		–	
		4		4		4		4		4	
		7.5		5		5		7.5		7.5	
		790 / 590 / 1240		790 / 590 / 980		800 / 600 / 1260		790 / 590 / 980		790 / 590 / 1240	
		181		150		179		150		179	

12-80		12-80		12-80		12-80		12-80		12-80		12-80	
150		140		140		150		150		150		150	
6.0	7.1	5.1	6.1	5.1	6.1	5.8	6.8	5.8	6.8	6.0	7.1	6.0	7.1
4.3	5.1	3.2	3.8	3.2	3.8	3.8	4.5	3.8	4.5	4.3	5.1	4.3	5.1
65		55		55		60		60		65		65	
25		25		25		25		25		25		25	
●		●		●		●		●		●		●	
●		●		●		●		●		●		●	
—		●		●		●		●		●		●	
—		●		●		●		●		●		●	
—		●		●		●		●		●		●	
—		●		●		●		●		●		●	
—		—		—		—		—		—		—	

●	–	–	–	–	–	–
–	●	●	●	●	●	●
–	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	–	●	–	●	–	●

44879	15 (DN 8)	44878	10 (DN 8)	44879	15 (DN 8)	44878	10 (DN 8)	44879	15 (DN 8)	44878	10 (DN 8)	44879	15 (DN 8)
12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000	12480	M2000
–	–	–	–	–	–	–	–	–	–	–	–	–	–
123922-D2507	● D2507	123922-D25045	● D25045	123922-D25045	● D25045	123922-D25045	● D25045	123922-D25045	● D25045	123922-D25055	● D25055	123922-D25055	● D25055
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
13310		13310		13310		13310		13310		13310		13310	

414627	414426	414427	414416	414417	414406	414407
--------	--------	--------	--------	--------	--------	--------

414625	414424	414425	414414	414415	414404	414405
–	414434	414435	414436	414437	414438	414439
–	414391	414393	414395	414419	414397	414409

DEVICE COMPARISON – TECHNICAL DATA

HOT WATER – OIL HEATED

			therm 1-Series (Page 44-46)							
			therm 635-1		therm 635-1		therm 875-1		therm 875-1	
Technical specifications			without hose drum		incl. hose drum		without hose drum		without hose drum	
Work pressure adjustable	bar / MPa		30-130 / 3-13		30-130 / 3-13		30-175 / 3-17.5		30-175 / 3-17.5	
Max. admissible overpressure	bar / MPa		145 / 14.5		145 / 14.5		190 / 19		190 / 19	
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 15		230 / 1 / 50 / 15		400 / 3 / 50 / 8.7		400 / 3 / 50 / 8.7	
Motor speed	Rpm		1400		1400		1400		1400	
Inlet water temperature, max.	°C		60		60		60		60	
Water output	l/min	l/h	10.6	635	10.6	635	14.6	875	14.6	875
Power intake / Power output	kW	kW	3.4	2.3	3.4	2.3	4.8	4.0	4.8	4.0
Direct suction (suction height)	m		—		—		—		—	
Volume water tank	l		4		4		4		4	
Power supply cable	m		5		5		7.5		7.5	
Dimensions L x W x H	mm		1050 / 800 / 1015		1050 / 800 / 1300		1050 / 800 / 1015		1050 / 800 / 1300	
Weight	kg		212		218		212		218	
Technical data/equipment (hot water)										
Hot water output adjustable	°C		12-89		12-89		12-87		12-87	
Steam level	°C		145		145		155		155	
Oil consumption at max. heating output	kg/h	l/h	5.1	6.1	5.1	6.1	5.8	6.8	5.8	6.8
Heating oil consumption ΔT 45 °	kW	kW	3.2	3.8	3.2	3.8	4.2	5.0	4.2	5.0
Heating output	kW		55		55		60		60	
Fuel tank	l		35		35		35		35	
Water flow monitoring			●		●		●		●	
Combustion chamber pre-ventilation			●		●		●		●	
Visual flame monitoring			●		●		●		●	
Safety thermostat (exhaust temperature in excess of 260 °C)			●		●		●		●	
4-way safety system with overload protection			●		●		●		●	
Burner stops when there is a lack of heating oil			●		●		●		●	
Operating hours meter			●		●		●		●	
Equipment										
Total-stop system			—		—		—		—	
Total-stop system with delayed motor cut-out			●		●		●		●	
Additional electrical overcurrent protection			●		●		●		●	
Locking brake			●		●		●		●	
High pressure detergent			●		●		●		●	
Hose drum	Ord.no.		—		●		—		●	
Equipment										
Steel mesh-high-pressure	Ord.no.	m	41081	10 (DN 8)	443812	20 (DN 8)	41081	10 (DN 8)	443812	20 (DN 8)
Trigger guns with safety catche	Ord.no.	Model	123202	Starlet	123202	Starlet	123202	Starlet	123202	Starlet
Dirtkiller lance	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—
Stainless steel lance with flat jet nozzle	Ord.no.	Nozzle size	123922-D25045	● D25045	123922-D25045	● D25045	123922-D25045	● D25045	123922-D25045	● D25045
Vario-Jet lance	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—
Stainless steel lance with regulating nozzle	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—
Turbokiller lances	Ord.no.	Nozzle size	—	—	—	—	—	—	—	—
Water inlet filter	Ord.no.		13310		13310		13310		13310	

Ord.no.	41349	413491	41342	413421
---------	-------	--------	-------	--------

Devices with quick-change plug-in system / Non-Marking					
Quick-change plug-in system	Ord.no.	413544	413547	413554	413557
Non-Marking (NoM)	Ord.no.	–	413548	413555	413558
Non-Marking (NoM) incl. Quick-change plug-in system	Ord.no.	–	413549	413556	413559

		therm 1-Series (Page 44-46)							
		therm 895-1		therm 895-1		therm 1165-1		therm 1165-1	
		incl. hose drum		without hose drum		incl. hose drum		incl. hose drum	
		30-195 / 3-19.5		30-195 / 3-19.5		30-165 / 3-16.5		30-165 / 3-16.5	
		215 / 21.5		215 / 21.5		180 / 18		180 / 18	
		400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12		400 / 3 / 50 / 12	
		1400		1400		1400		1400	
		60		60		60		60	
		14.9	895	14.9	895	19.4	1165	19.4	1165
		7.5	5.5	7.5	5.5	3.4	2.3	3.4	2.3
		3.5		3.5		3.5		3.5	
		4		4		4		4	
		7.5		7.5		7.5		7.5	
		1050 / 800 / 1015		1050 / 800 / 1300		1050 / 800 / 1015		1050 / 800 / 1300	
		217		223		217		223	

12-86	12-86	12-82	12-82	12-65	12-65
155	155	155	155	140	140
6.0	7.1	6.0	7.1	7.7	9.2
4.3	5.1	4.3	5.1	7.2	8.5
65	65	78	78	84	84
35	35	35	35	35	35
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●

–	–	–	–	–	–
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
–	●	–	●	–	●

41081	10 (DN 8)	443812	20 (DN 8)	41081	10 (DN 8)	443812	20 (DN 8)	41081	10 (DN 8)	443812	20 (DN 8)
123202	Starlet	123202	Starlet	123202	Starlet	123202	Starlet	123202	Starlet	123202	Starlet
–	–	–	–	–	–	–	–	–	–	–	–
123922-D25045	● D25045	123922-D25045	● D25045	123922-D2507	● D2507	123922-D2507	● D2507	123922-M20125	● M20125	123922-M20125	● M20125
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
13310		13310		13310		13310		13310		13310	

41352	413521	41353	413531	41348	413481
-------	--------	-------	--------	-------	--------

413564	413567	413574	413577	413474	413477
413565	413568	413575	413578	413475	413478
413566	413569	413576	413579	413476	413479

NOZZLE SIZES – FLOW VOLUME

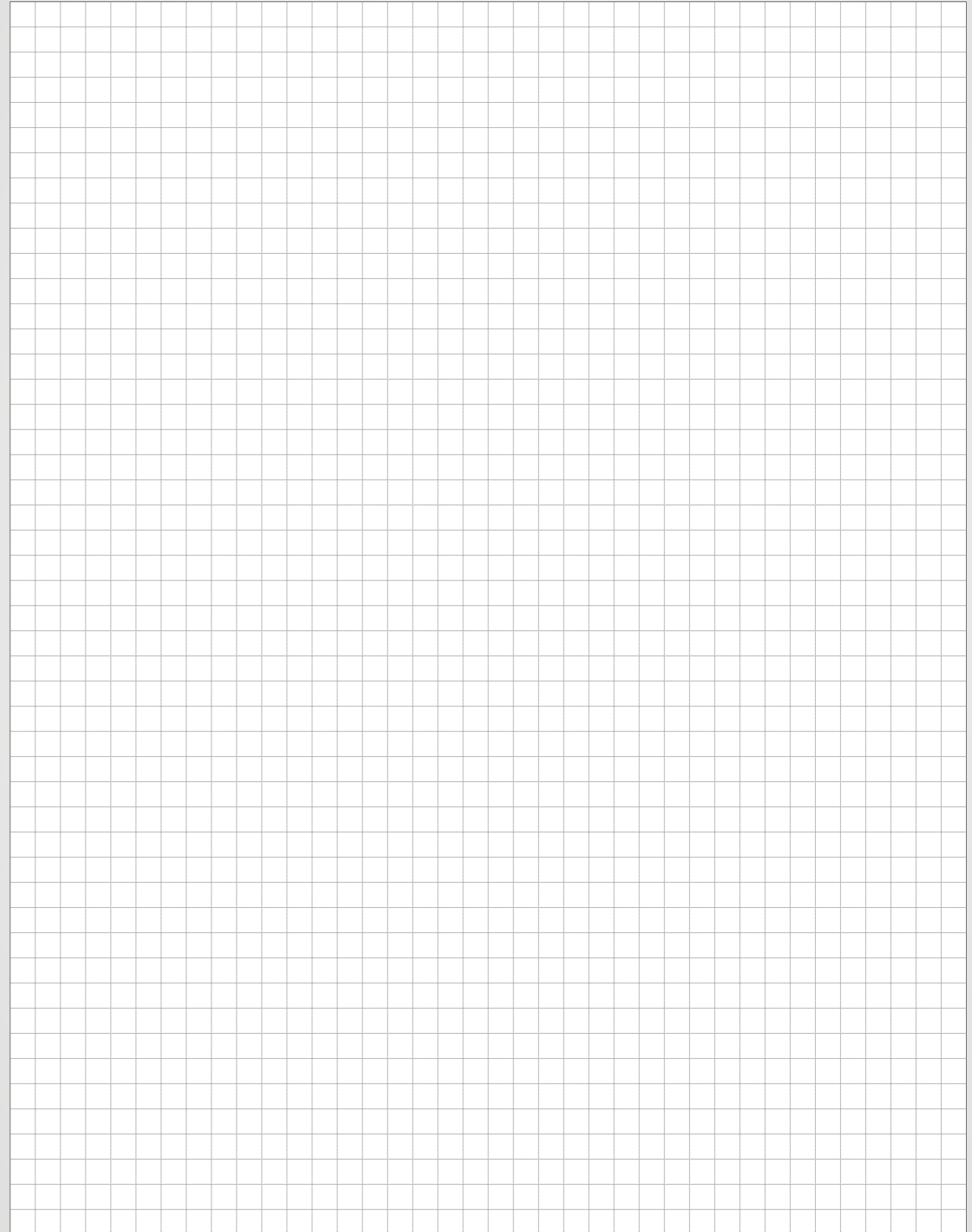
STANDARDISED NOZZLE TABLE

Nozzle size	Ø	20 / 2	30 / 3	40 / 4	50 / 5	60 / 6	70 / 7	80 / 8	90 / 9	100 / 10	110 / 11	120 / 12	130 / 13	140 / 14	150 / 15
0002 1502 2502 6502	0.91	2.0	2.5	2.8	3.2	3.5	3.7	4.0	4.2	4.5	4.7	4.9	5.1	5.3	5.5
15025 25025	0.98	2.5	3.1	3.6	4.0	4.4	4.8	5.1	5.4	5.7	6.0	6.2	6.5	6.7	7.0
0003 1503 2503 4003	1.09	3.1	3.7	4.3	4.8	5.3	5.7	6.1	6.3	6.8	7.1	7.4	7.7	8.0	8.3
15035 25035	1.15	3.6	4.4	5.0	5.6	6.2	6.7	7.1	7.6	8.0	8.4	8.7	9.1	9.4	9.8
0004 1504 2504 4004	1.19	4.2	5.2	5.9	6.6	7.3	7.8	8.4	8.9	9.4	9.8	10.3	10.7	11.0	11.5
00045 15045 25045 40045	1.27	4.5	5.5	6.4	7.1	7.8	8.4	9.0	9.6	10.2	10.6	11.0	11.4	11.8	12.2
0005 1505 2505 4005	1.35	5.0	6.2	7.1	8.0	8.7	9.4	10.0	10.7	11.3	11.9	12.4	12.9	13.4	13.9
00055 15055 25055 40055	1.4	5.6	6.8	7.8	8.7	9.6	10.3	11.1	11.8	12.4	13.0	13.6	14.2	14.8	15.3
0006 1506 2506 4006	1.47	6.0	7.4	8.6	9.6	10.4	11.3	12.1	12.8	13.6	14.2	14.8	15.4	16.0	16.6
00065 15065 25065 40065	1.52	6.6	8.0	9.3	10.4	11.3	12.3	13.2	14.0	14.7	15.4	16.1	16.8	17.4	18.0
0007 1507 2507 4007	1.6	7.1	8.6	10.0	11.2	12.2	13.2	14.1	15.0	15.3	16.6	17.3	18.0	18.7	19.4
00075 15075 25075 40075	1.65	7.6	9.3	10.7	12.0	13.1	14.2	15.2	16.1	16.9	17.8	18.6	19.3	20.1	20.8
0008 1508 2508 4008	1.7	8.0	9.8	11.3	12.7	14.0	15.1	16.1	17.1	18.0	18.8	19.6	20.4	21.2	22.0
00085 15085 25085 40085	1.75	8.5	10.4	12.1	13.5	14.8	16.0	17.1	18.1	19.1	20.0	20.9	21.8	22.6	23.4
0009 1509 2509 4009	1.8	9.1	11.1	12.8	14.3	15.7	17.0	18.0	19.2	20.2	21.2	22.1	23.0	23.9	24.7
0010 1510 2510 4010	1.9	10.0	12.3	14.2	16.0	17.4	18.9	20.1	21.4	22.5	23.6	24.6	25.6	26.6	27.6
2511	2.6	11.2	13.7	15.9	17.7	19.4	21.0	22.4	23.8	25.1	26.3	27.5	28.6	29.7	30.7
2512	2.16	12.2	15.0	17.3	19.3	21.2	22.9	24.5	25.9	27.4	28.7	30.0	31.2	32.4	33.5

160 / 16	170 / 17	180 / 18	190 / 19	200 / 20	210 / 21	220 / 22	230 / 23	240 / 24	250 / 25	260 / 26	270 / 27	280 / 28	290 / 29	300 / 30	bar / MPa
5.7	5.9	6.0	6.2	6.4	6.6	6.7	6.8	6.9	7.0	7.1	7.3	7.4	7.5	7.6	l/min
7.2	7.4	7.6	7.9	8.1	8.3	8.5	8.6	8.8	9.0	9.2	9.4	9.5	9.7	9.9	l/min
8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.6	11.2	11.4	11.6	11.8	l/min
10.1	10.4	10.7	11.0	11.3	11.6	11.8	12.1	12.4	12.6	12.9	13.1	13.3	13.6	13.8	l/min
11.9	12.2	12.6	12.9	13.3	13.6	13.9	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.3	l/min
12.6	13.0	13.4	13.8	14.2	14.6	15.0	15.3	15.6	15.9	16.2	16.7	17.1	17.4	17.7	l/min
14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.5	17.9	18.2	18.6	18.9	19.2	19.6	l/min
15.8	16.3	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.5	19.9	20.4	20.7	21.1	21.5	l/min
17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.5	20.9	21.3	21.7	22.3	22.7	23.1	23.5	l/min
18.7	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.8	24.1	24.6	25.0	25.5	l/min
20.0	20.6	21.2	21.8	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.8	27.3	l/min
21.5	22.2	22.8	23.4	24.0	24.6	25.2	25.8	26.3	26.8	27.3	27.9	28.4	28.9	29.4	l/min
22.8	23.5	24.2	24.8	25.4	26.0	26.6	27.2	27.8	28.4	29.0	29.5	30.1	30.6	31.1	l/min
24.1	24.9	25.6	26.3	27.0	27.7	28.3	28.9	29.5	30.1	30.7	31.4	31.9	32.5	33.1	l/min
25.5	26.3	27.1	27.8	28.5	29.2	29.9	30.6	31.3	31.9	32.5	33.2	33.8	34.4	35.0	l/min
28.5	29.4	30.2	31.0	31.8	32.6	33.4	34.1	34.9	35.6	36.3	36.9	37.6	38.3	38.9	l/min
31.7	32.7	33.6	34.6	35.5	36.3	37.2	38.0	38.8	39.6	40.4	41.2	42.0	42.7	43.4	l/min
34.6	35.7	36.7	37.7	38.7	39.6	40.6	41.5	42.4	43.2	44.1	44.9	45.8	46.6	47.4	l/min

NOTES

NOTES





Presented by your authorized Kränzle partner:

© Kränzle, valid from 01 February 2018
Technical changes and error reserved
Ord. no. 30410-GB-18

Josef Kränzle GmbH & Co. KG
Rudolf-Diesel-Straße 20
D-89257 Illertissen