

Quality High Pressure Cleaners



Kränzle Catalogue / Program

PROFESSIONAL SERIES









FOR ANY APPLICATION KRANZLE HAS THE PERFECT SOLUTION!

EACH INDUSTRY REQUIRES INDIVIDUAL SOLUTIONS

Requirements and tasks differ considerably from industry to industry. Kranzle has developed a product range which caters for them all thanks to its diversity and depth.

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

CRAFT SECTOR

Tradespeople are subject to great time and cost pressure, working under difficult and frequently changing working condition. 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



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



PUBLIC SERVICE, CONSTRUCTION INDUSTRY

Cleaning tasks in public service require professional devices without any compromises. Kränzle's high-pressure cleaners are the ideal partners 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



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



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



AGRICULTURE

Cleanliness is a prerequisite for health, hygiene and best working conditions in agriculture. A Kranzle High pressure cleaner is a must-have for any agricultural operation especially when cleaning tractors and machines after a hard and dusty day in the field. Also don't forget about cleaning the stables.

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



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 onstruction
- Steel construction
- Wharf/ship building



TOP TECHNOLOGY IN DETAIL

TECHNICAL HIGHLIGHTS

WHY CHOOSE 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 of Kranzle products feel confident with the cleaning power and trust the innovative designs.



PUMP HEAD MADE OF SPECIAL BRASS

Deterioration of the pump caused by corrosion is impossible as a result of selecting superior quality materials. 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.



BYPASS OPERATION

Kranzle 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.





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).



DRY-RUN SAFETY AND LEAKAGE RETURN SYSTEM

Kranzle 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.

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.



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-pole electrical motors (1,400 rpm) work at lower speeds to reduce start-up currents and quieter noise levels as well as reduced wear.



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.



WATER TANK

The integrated water tank (in the machines of the Profi, quadro and therm series) serves as a water buffer between the main water supply and the high-pressure pump to prevent most pump damage caused by a lack of water. This design also offers application of chemical agents at full operating pressure and without a low-pressure injector a further advantage is an increased performance at the lance.











The HD-Series











NEW: TOTAL-STOP SYSTEM

Closing the safety trigger gun switches off the motor of the high-pressure cleaner immedia-

- Relief of the high-pressure pump
- Energy savingIncrease of the service life



	-		KHD7/	122TS	KHD10	D/122TS
Technical specifications			Single	phase	Singl	e phase
Operating pressure adjustable	psi		1435		1740	
Max. admissible overpressure	psi		174	40	1960	
Connected load	V / ~ /	Hz / A	230 / 1 /	50 / 7.5	230 / 1 / 50 / 11	
Motor speed	Rpm		140	00	2800	
Water output	l/min	l/h	7	420	10	600
kW			1.	0	2	2.5
Power supply cable	m		5		5	
Dimensions L x W x H	mm		440 / 200	0 / 330	440 / 200 / 330	
Weight	kg		22		23	
Detergent Injector			-			-
Equipment			TO THE REAL PROPERTY.			
Hose drum			_		-	-
Steel braided high-pressure hose	m		10)	10	
Trigger gun with safety catch	Model		M20	00	M2000	
Dirtkiller lance (Optional)	Nozzle	size	O	28	•	042
Stainless steel lance with flat jet nozzle	Nozzle	size	● M20	0028	● M2	20042











COLD WATER - TWO-WHEEL

The K 1152-Series



V4452TQT_40/

		K1152181-1UA		
Technical specifications	nical specifications Sing			
Operating pressure adjustable	psi	1670		
Max. admissible overpressure	psi	2175		
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 10		
Motor speed	Rpm	2800		
Water output	l/min l/h	10 600		
kW		2.3		
Power supply cable	m	5		
Dimensions L x W x H	mm	300 / 300 / 800		
Weight	kg	27		
Detergent Injector		•		
Equipment				
Hose drum		•		
Steel braided high-pressure hose	m	15		
Trigger gun with safety catch	Model	M2000		
Dirtkiller lance	Nozzle size	0 42		
Vario-Jet lance	Nozzle size	0 42		





















COLD WATER - TWO-WHEEL

The K 2000-Series

One-piece Roto-Mold chassis

Virtually indestructible



Auto-shutdown feature improves seal life-span and reduces power consumption



Practical stowing of the trigger gun with safety catch and lances

> **Heavy Duty** Non-marking Wheels





Steel braided high-pressure hose

Trigger gun with safety catch

Dirtkiller lance

Vario-Jet lance



Practical design and features a longer length high-pressure hose complete with folding crank (TST design)

Cleaning Agent Intake
Injector system for dispensing of cleaning agents



Fully adjustable control allows operating pressures to be set to suit any task







				K	2160TST	
Technical specifications					ingle phase	
Operating pressure adjustable	psi		2030			
Max. admissible overpressure	psi		2320			
Connected load	V / ~ / Hz / A		230 / 1 / 50 / 14			
Motor speed	Rpm 1400					
Water output	l/min	l/h		11		660
kW					3.3	
Power supply cable	m				5	
Dimensions L x W x H	mm			335	/ 375 / 980	
Weight	kg		41			
Detergent Injector			•			
Equipment						
Hose drum					•	

Model

Nozzle size

Nozzle size

15

M2000

042

042









COLD WATER - FOUR WHEELS

The Quadro-Series



delayed motor cut-off Auto-shutdown feature improves seal lifespan and reduces power consumption

Total-stop system with

Pressure regulation

Fully adjustable control allows operating pressures to be set to suit any task

Cleaning Agent Intake Injector system for dispensing of cleaning agents





Practical design and features a longer length high-pressure hose complete with folding crank

Integrated water tank

Prevents damage to the high-pressure pump caused by a lack of water











Call Car		KQ59	9TST	KQ7	'99TST	KQ12	OOTST
Technical specifications		Single	Phase	Thre	e Phase	Three	Phase
Operating pressure adjustable	psi	2175		2610		2610	
Max. admissible overpressure	psi	23	90	2900		2900	
Connected load	V / ~ / Hz / A	230 / 1 /	50 / 14	400 / 3 / 50 / 8.5		400 / 3 / 50 / 12	
Motor speed	Rpm	140	0	1-	400	14	00
Water output	l/min l/h	10	600	13	780	19	1140
kW		3.5	2	;	3.5	4.	9
Volume water tank	1	10)		10	1	6
Power supply cable	m	5		7.5		7	.5
Dimensions L x W x H	mm	780 / 395 / 870		780 / 395 / 870		770 / 57	0 / 990
Weight	kg	60		60		8	9
Detergent Injector		•	ı		•		
Equipment							
Hose drum		•	ı		•		
Steel braided high-pressure hose	m	20		20		2	0
Trigger gun with safety catch	Model	M200	00	M2000		Sta	rlet
Dirtkiller lance	Nozzle size	0 0	35	• 045		•	07
Stainless steel lance with flat jet nozzle	Nozzle size	M20	0035	● M20045		• D:	2507

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 the device from undesirable excessive pressure build-up

2. FLOW MONITOR

prevents overheating of the heating chamber caused by a lack of water.

3. PRESSURE SWITCH (BURNER)

heating is only possible when pressure from the pump is detected.

4. PRESSURE SWITCH (DEVICE)

controls automatic device stand-by feature if the trigger gun with safety catch remains closed for 30 seconds.

5. OVERCURRENT PROTECTION

switches off the high-pressure cleaner caused by excessive power intake.

6. DIGITAL FLAME MONITORING

switches off the fuel supply if the burner flame goes out.

7. PRESSURE REGULATION CONTROL VALVE

allows for 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

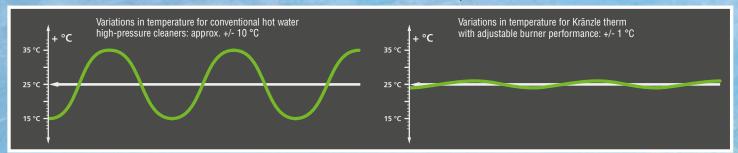
The desired water temperature is specified in °C. A thermostat measures the temperature at the end of the heating coil and controls the burner until the desired temperature is reached. (The ACTUAL temperature is displayed.)

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

The device displays both cold and hot operating time information separately which can assist with determining appropriate servicing intervals and requirements.







lance replaces one-piece design















Practical design and features a longer length high-pressure hose complete with folding crank



with adjustable rotary thermostat for controlling the water temperature



Removable covers

Protect the mechanical components from environmental factors and provide convenient access

Parking brake

For a secure stationary position

Cleaning Agent Intake

Injector system for dispensing of

cleaning agents



Pressure regulation

Fully adjustable control allows operating pressures to be set to suit any task

CA11/130

Technical specifications		Single Phase
Operating pressure adjustable	psi	1885
Max. admissible overpressure	psi	2100
Connected load	V / ~ / Hz / A	230 / 1 / 50 / 15
Motor speed	Rpm	1400
Water output	l/min l/h	11 660
kW		2.3
Volume water tank	I	4
Hot water output adjustable	°C	12-80
Steam level	°C	140
Heating output	kW	55
Fuel tank	I	25
Power supply cable	m	5
Dimensions L x W x H	mm	800 / 600 / 980
Weight	kg	171
Detergent Injector		•
Equipment		
Hose drum		-
Steel braided high-pressure hose	m	10
Trigger gun with safety catch	Model	M2000

Nozzle size

D25045

Stainless steel lance with flat jet nozzle

EVEN BETTER NOW!

The therm-CA are now being supplied with a two piece trigger gun with safety catch and lance with threaded



















VV







The therm 1-Series



Practical stowing of the trigger gun with safety catch and lances

Biggest model in single phase!



Integrated Hose drum

Practical design and features a longer length high-pressure hose complete with folding crank (Version incl. hose drum)

Digital operating panel

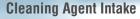
to control the water temperature and view cold/hot use operating time management

Removable covers

Protect the mechanical components from environmental factors and provide convenient access







Injector system for dispensing of cleaning agents



therm 635-1 **Technical specifications** Operating pressure adjustable psi 1885 Max. admissible overpressure 2100 psi Connected load V / ~ / Hz / A 230 / 1 / 50 / 15 Motor speed 1400 Rpm I/min I/h 10.6 635 Water output kW 2.3 Volume water tank Τ 4 Hot water output adjustable °C 12-89 Steam level °C 145 kW Heating output 55 Fuel tank 1 35 Power supply cable m 5 Dimensions L x W x H 1200 / 800 / 1050 mm Weight 200 kg **Detergent Injector** Equipment Hose drum Steel braided high-pressure hose 20 Trigger gun with safety catch Model Starlet

Stainless steel lance with flat jet nozzle

D25045

Nozzle size











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 objectspecific temperature specification
- Simple reading of the operating hours



















The therm 1-Series



Cleaning Agent Intake Injector system for dispensing of cleaning agents



Integrated Hose drum

Practical design and features a longer length high-pressure hose complete with folding crank (Version incl. hose drum)

Digital operating panel

to control the water temperature and view cold/hot use operating time management

Removable covers

Protect the mechanical components from environmental factors and provide convenient access







Water output < 1000 l/h

		therm 895-1	therm 1165-1
Technical specifications		Three Phase	Three Phase
Operating pressure adjustable	psi	2830	2390
Max. admissible overpressure	psi	3120	2610
Connected load	V / ~ / Hz / A	400 / 3 / 50 / 12	400 / 3 / 50 / 12
Motor speed	Rpm	1400	1400
Water output	l/min l/h	14.9 895	19.4 1165
kW		5.5	5.5
Volume water tank	I	4	4
Hot water output adjustable	°C	12-86	12-82
Steam level	°C	155	155
Heating output	kW	65	78
Fuel tank	1	35	35
Power supply cable	m	7.5	7.5
Dimensions L x W x H	mm	1050 / 800 / 1000	1050 / 800 / 1000
Weight	kg	220	220
Detergent Injector		•	•
Equipment		100	
Hose drum		•	•
Steel braided high-pressure hose	Steel braided high-pressure hose m		20
Trigger gun with safety catch	Model	Starlet	Starlet
Stainless steel lance with flat jet nozzle	Nozzle size	● D25045	● D2507







TECHNICAL HIGHLIGHTS!

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 objectspecific temperature specification
- Simple reading of the operating hours











Kränzle 2+2



Contra-rotating brush (CRB) action principle









Models also available - Indent Only

Technical specifications

Working width

Weight

Volume storage bin









mm

kg



KTH871E-ST48

40

"Enquire today to find out more on these models"



Steam Cleaning Machines

Thermal Industrial Models - Diesel Heated

Model:	CA11/130	KTH635-1	KTH895-1	KTH1165-1
Phase:	Single Phase	Single Phase	Three Phase	Three Phase
kW:	2.3	2.3	5.5	5.5
RPM	1400	1400	1400	1400
Litre/min:	11	10.6	14.9	19.4
Operating/max. pressure (psi):	1885/2100	1885/2100	2830/3120	2390/2610
Total Stop:	yes + delay	yes + delay	yes+ delay	yes+ delay
Water Tank:	yes	yes	no	no
kg:	171	200	220	220
Hose:	10m	20m drum	20m drum	20m drum
Detergent Injector:	hp	hp	hp	hp
Size (mm):	860 x 600 x 980	1200 x 800 x 1050	1050 x 800 x 1000	1050 x 800 x 1000

Cold Water Machines

Compact, light commercial models

Commercial/Industrial

Model:	KHD7/122TS	KHD10/122TS	K1152TST-10A	K2160TST
Phase:	Single Phase	Single Phase	Single Phase	Single Phase
kW:	1.6	2.5	2.3	3.3
RPM:	1400	2800	2800	1400
Litre/min:	7	10	10	11
Operating/max. pressure (psi):	1435/1740	1740/1960	1670/2175	2030/2320
Total Stop:	yes	yes	yes	yes
Water Tank:	no	no	no	yes
kg:	22	23	27	41
Hose:	10m	10m	15m drum	15m drum
Detergent Injector:	optional	optional	yes	hp
Size (mm):	440 x 200 x 330	440 x 200 x 330	300 x 300 x 800	335 x 375 x 980

Heavy Duty/Industrial

Push-along machine

Model:	K2+2
Width:	800mm
Storage:	40L
kg:	16

Model:	KQ599TST	KQ799TST	KQ1200TST
Phase:	Single Phase	Three Phase	Three Phase
kW:	3.2	3.5	4.9
RPM:	1400	1400	1400
Litre/min:	10	10	19
Operating/max. pressure (psi):	2175/2390	2610/2900	2610/2900
Total Stop:	yes + delay	yes + delay	yes + delay
Water Tank:	yes	yes	yes
kg:	60	60	89
Hose:	20m drum	20m drum	20m drum
Detergent Injector:	hp	hp	hp
Size (mm):	790 x 395 x 870	780 x 395 x 870	770 x 570 x 990



Industrial Duty Cleaning Accessories



12480

To suit models: KHD7/122TS, KHD10/122TS K2160TST, KQ599TST, KQ799TST.





Standard Spray Lance

123925-M20

400mm Lance c/w Knife Jet Nozzle To suit models: KQ599TST, KQ799TST.

123922-D25045

600mm Lance c/w Fan Jet Nozzle

To suit models: KQ1200TST, KTH635-1 & KTH895-1



Lance Extension

41154

1000mm ST 30 x M22. To suit all models.





Underbody Lance

41075

1000mm extension - stainless steel pipe

Dirt Killer Nozzles

035 x 1/4" Female

410734 To suit models: KHD10/122,

045 x 1/4" Female

410713 To suit models: K1152TST, K2160TST KQ799TST, KQ599TST

055 x 1/4" Female

410714 To suit model: CA11/130





Turbo Killer Nozzles

045 x 1/4" Female

410718 To suit models: K1152TST, KQ799TST, KB200T, CA11/130, KTH895-1.

07 x 1/4" Female

410715 To suit models: KB230T, KTH1165-1

055 x 1/4" Female.

410712 To suit model: KQ1200TST



Vario Jet Nozzle

045 x 1/4" Female.

41155 To suit models: K1152TST, KHD10/122TS



Dirt Killer Lances Complete

035 Complete - 500mm

410722 To suit model: KHD10/122TS

042 Complete - 500mm

#41570-042 To suit models: K1152TST, KQ599TST, KQ799TST, CA11/130, K2160TST

Turbo Killer Lances Complete

045 Complete - 500mm

410723 To suit models: KQ799TST, KTH895-1,

KB200T

055 Complete - 600mm

410724 To suit model: KQ1200TST

07 Complete - 600mm

410727 To suit models: KB230T, KTH1165-1

Vario Jet Lances Complete

042 Complete - 400mm

41156 To suit model: K1152TST, KHD10/122TS

055 Complete - 400mm

411561 To suit model: CA11/130

Round Floor Cleaners



300 Round Floor Cleaner

41105 To suit models: KHD10/122TS, K1152TST, K2160TST, KQ599TST (indent orders only)

420 Round Floor Cleaner

41106 To suit all models. (indent orders only)

520 Round Floor Cleaner

41107 To suit all models. (indent orders only)

UFO Round Floor Cleaner

41850 To suit models:

K1152TST, K2160TST,

KQ599TST





Water Filter 3/4"

13300 Male / Female

133001 Male / Female union nut

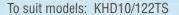
Suits all models



Detergent Injector Kit

133761

Detergent injector as an accessory for Kránzle cleaners with petrol engines.



Rotary Wash Brush

410501

ST30 Nipple M22 Suits all models

Flat Floor Cleaner

410931

045 Complete

To suit models: KHD10/122TS, K1152TST, K2160TST, KQ599TST, KQ799TST, KB200T, CA11/130, KTH635-1, KTH895-1

Sandblast Accessory Kit

41068

19L/min, 250b To suit all models.



Sludge Sucker

41104

To suit all models.



3m Suction Hose

150383

Comes with filter. To suit all models.



Pipe Cleaning Hose

Comes with Nozzle

410581 10m

410582 20m

#410584 30m

To suit all models



Steel Wire Braided Hose

High pressure, 3/8" F/F.

10m, 210bar

43416

To suit: KHD7/122TS, KHD10/122TS



15m, 210bar

48015 To suit: K1152TST, K2160TST

20m, 210bar

434161 To suit: KQ599TST, KQ799TST, KQ1200TS

10m. 230bar

41081 To suit: CA11/130

20m. 400bar

41083 To suit: KTH635-1, KTH895-1, KTH1165-1

#443812 To Suit: KTH895, KTH635, KTH1165



Quality High Pressure Cleaners

www.kranzle.co.nz