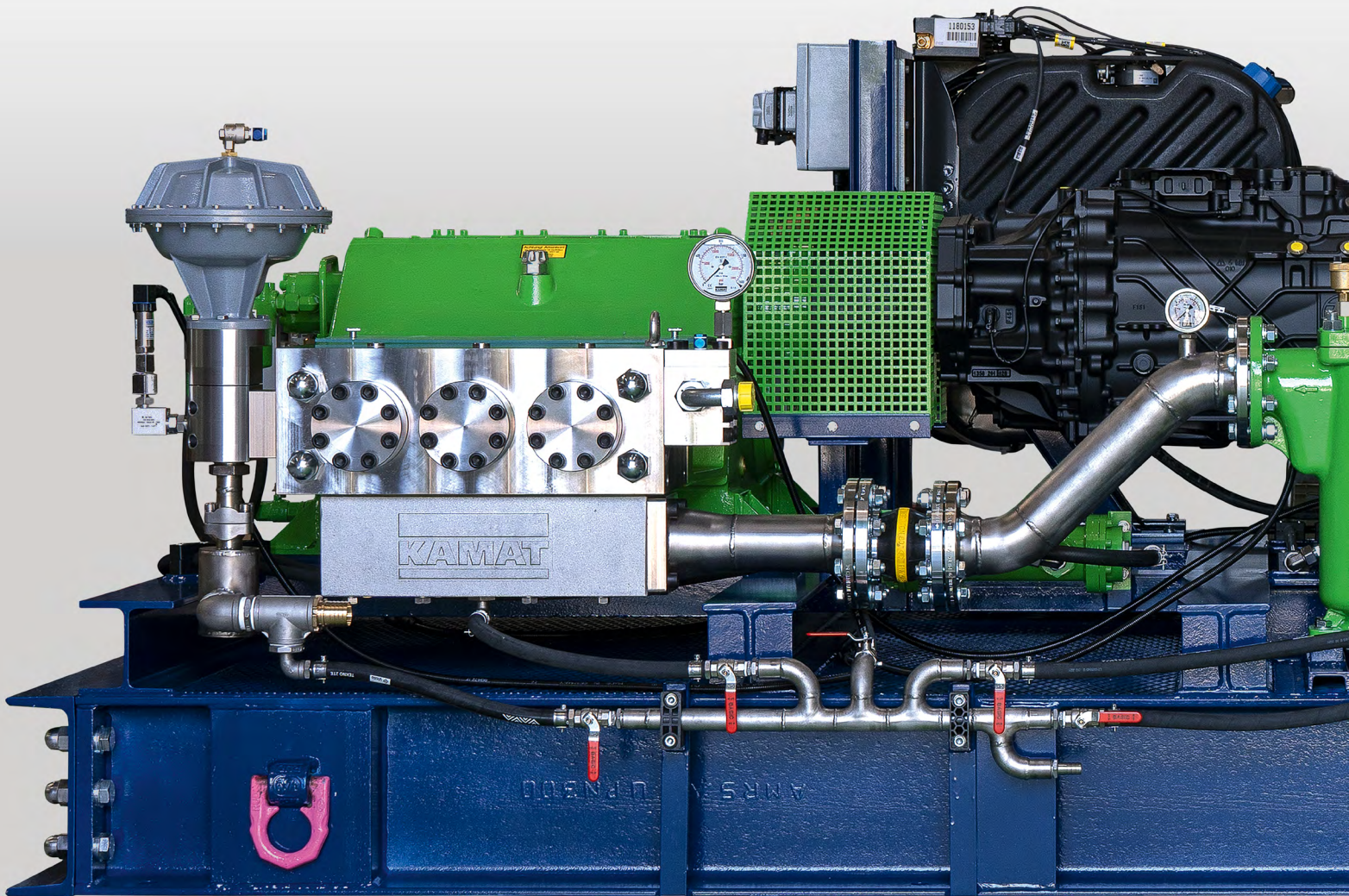


KAMAT

since 1974



KAMAT MOBILE JETTING UNITS

KAMJET – PRESSURE. POWER. PRECISION.

Maximum Power. Full Mobility. No Compromise.



KAMAT - HIGH-PRESSURE TECHNOLOGY OF SUPERIOR QUALITY

KAMAT has been developing and manufacturing high-pressure pumps and water tools **„Made in Germany“** for over 50 years. Our modular system ensures customised solutions of the **highest quality and durability**.

UNOUR STRENGTHS AT A GLANCE:

- **Flexibility:** modular system for individual adaptation
- **Durability:** high-quality materials, made in Germany
- **Service:** worldwide availability and easy maintenance
- **Efficiency:** intelligent control for low energy consumption
- **Innovation:** continuous development
- **Quality:** uncoated components

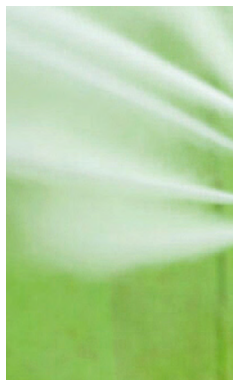
Our customers benefit from customised solutions, fast spare parts supply and a strong global service network.

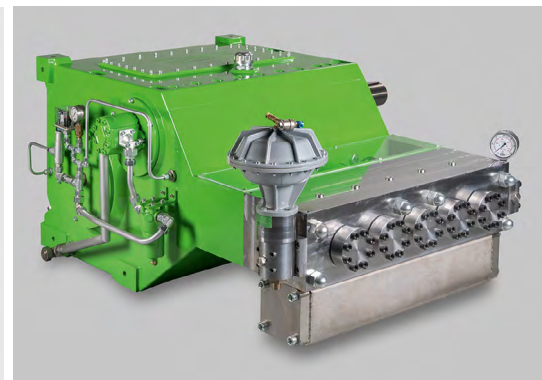
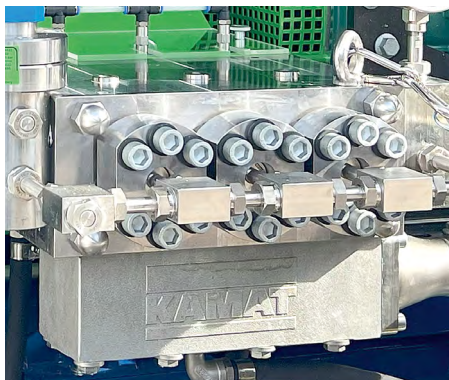
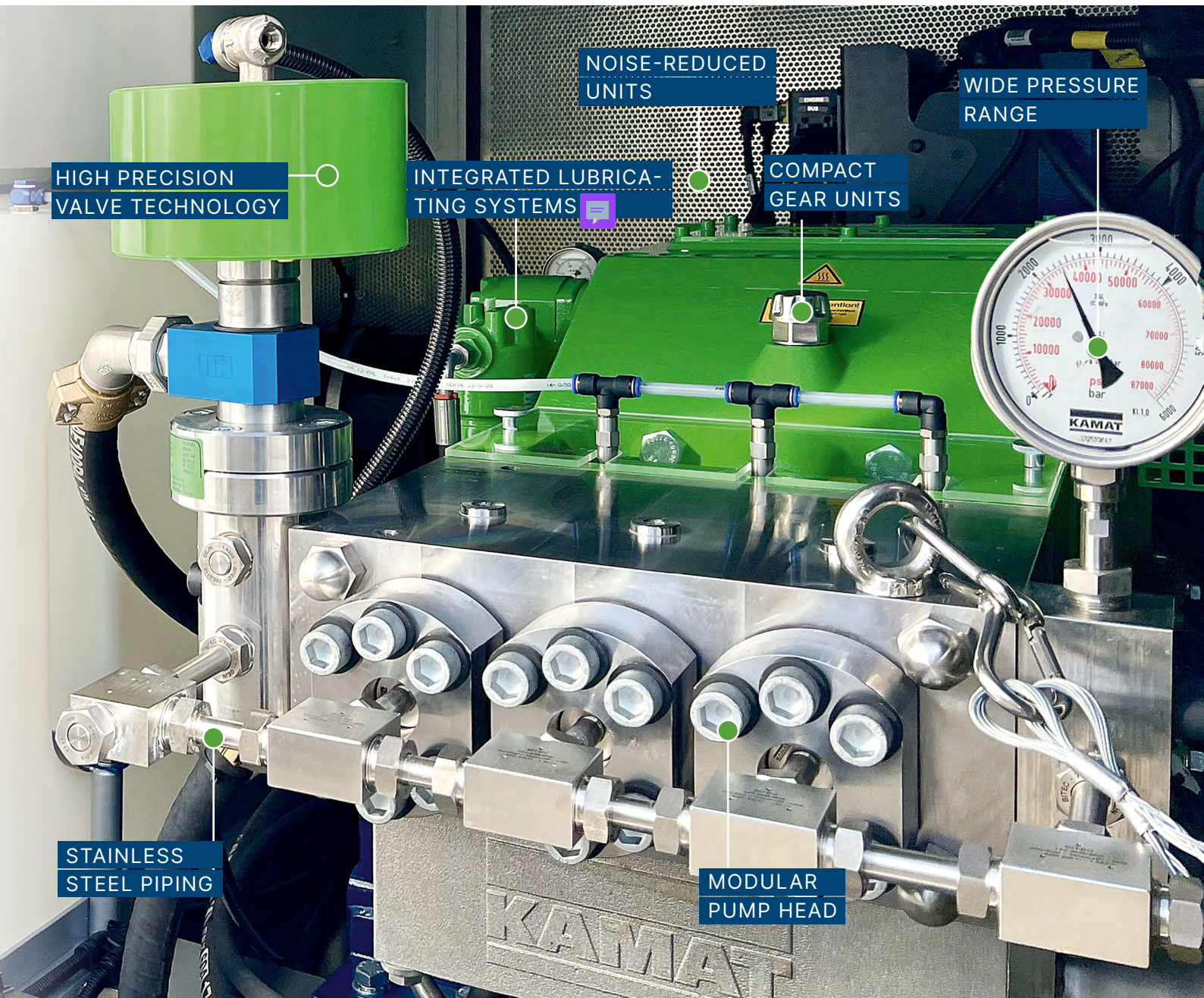
HIGH-PRESSURE TECHNOLOGY FROM GERMANY - SINCE 1974

KAMAT develops and manufactures durable, **low-maintenance high-pressure pumps**, systems and equipment for industry, jetting, hydraulics and process engineering. Our **triplex and quintuplex pumps** are based on a **modular system** - adaptable, efficient and reliable.

As a family-owned company, we combine almost 50 years of experience with continuous innovation. With high-pressure technology **„made in Germany“**, we offer tailor-made solutions for demanding applications worldwide.

Our claim: **top quality, maximum flexibility** and a **technical lead** for every industry. Put your trust in real engineering expertise - we have the right high pressure solution for your challenge.





KAMJET SERIES: HIGH-PERFORMANCE UNITS

HIGH PRESSURE MEETS EFFICIENCY

Our high-pressure units combine **maximum water capacity, intelligent control and energy efficiency** with **modular design** for customised solutions. Ideal for **cleaning and removal applications** in demanding industries.



INTELLIGENT CONTROL FOR MAXIMUM EFFICIENCY

Equipped with advanced control systems, KAMJET units feature automatic pressure and flow regulation for **optimal performance and component protection**. Digital interfaces enable **remote monitoring and diagnostics**

HIGHLIGHTS

- Energy-efficient control algorithms
- Operation with programmable cleaning profiles
- Expandable for Industry 4.0 & IoT applications
- Integrated sensors for predictive maintenance

KAMJET CONFIGURATION OPTIONS



All models are available in the following setups:

- I Mobile with sound insulation hood
- B Baseframe high-pressure unit
- BSS Noise-reduced baseframe unit
- C Containerized version for transport & outdoor use
- 3a For non-EU emission standards
- A Fully automatic version

APPLICATIONS FOR KAMJET AUTOMATIC DEVICES

- **Oil & Gas:** cleaning of drilling rigs, pipelines, and tanks (including offshore)
- **Steel Industry:** cleaning of production facilities
- **Shipbuilding & Yards:** paint removal and surface preparation
- **Construction & Infrastructure:** concrete removal, bridge/tunnel cleaning, well rehabilitation, demolition
- **Chemicals & Industry:** removal of deposits and residues in heat exchangers, pipes, and tanks

FLEXIBLE DRIVE OPTIONS – DIESEL OR ELECTRIC

Our high-pressure units are available with powerful diesel engines or in electric configurations. Depending on the location and requirements, we deliver the ideal drive system – also available in ATEX explosion-proof versions.

WORLDWIDE



ENERGY EFFICIENCY:



Optimized control reduces wear and operating costs

EASE OF MAINTENANCE:



No special tools or lifting equipment required



KAMJET ADVANTAGES AT A GLANCE:

IDEAL SUPPORT:



Fast spare parts supply and service



ATEX VERSIONS:



Optional for hazardous environments



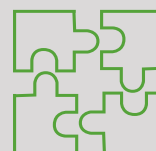
PERFORMANCE:



Up to 4000 bar for toughest applications



MODULARITY:



Adaptable in performance and configuration



PRECISE CONTROL:



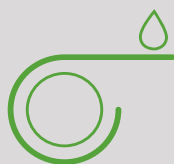
Smart pressure regulation, energy-efficient



Reduces
cost



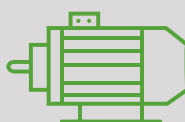
ROBUST CONSTRUCTION:



Stainless steel components, no coatings



RELIABLE DRIVES:



Engines from renowned manufacturers



AVAILABLE ACCESSORIES



HP Guns and Lances
Rotating nozzles & surface cleaners
Tank cleaning heads
Safety & control valves

KAMJET RANGE

■ KAMJET 180T	Side 8
■ KAMJET 450	Side 11
■ KAMJET 550	Side 12
■ K108	Side 16
■ Other KAMJETs models available on request	

KAMAT CONTROL SYSTEM 2025 – MAXIMUM REGULATION & EFFICIENCY

The new KAMAT Control 2025 sets new standards in high -pressure technology. It combines **intuitive operation**, **intelligent automation** and **digital monitoring** to maximise the safety and efficiency of high-pressure systems.

CORE FUNCTIONS & BENEFITS

- **4.3" color display** – intuitive menu navigation and illuminated buttons
- **Smart process control** – automatic pressure & flow regulation
- **Digital monitoring** – real-time fault diagnostics, trend analysis, operating hours & error history
- **Flexibility & remote access**– flexible operation with remote control and Industry 4.0 connectivity
- **Maximum safety** – emergency stop, key switch, and customizable menus

HIGHLIGHTS

- Energy-efficient control algorithms
- Operation with programmable cleaning profiles
- Expandable for Industry 4.0 & IoT applications
- Integrated sensor technology for predictive maintenance

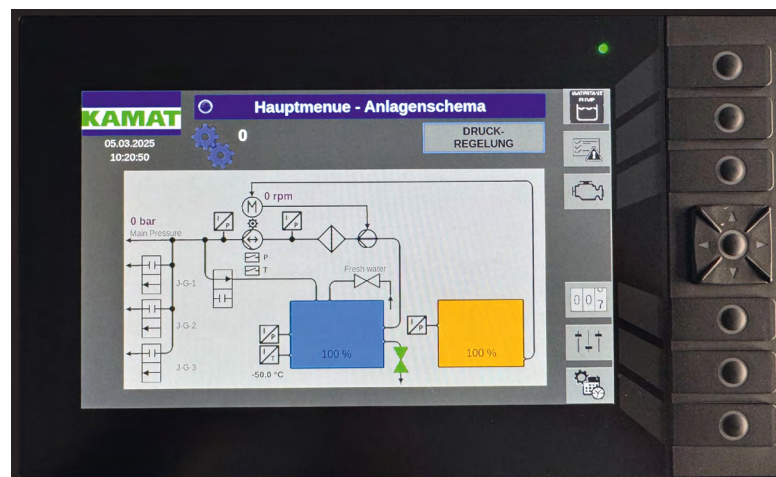


OPTIMIZED FOR HIGH-PRESSURE APPLICATIONS

Versatile use for jetting systems, pressure and speed control
Druckregelung und Drehzahlsteuerung

Maintenance-friendly with alarm lists and fault history





KAMJET 180T – MOBILE HIGH-PRESSURE POWER

HIGH PRESSURE WHERE YOU NEED IT

High performance, efficiency, and reliability – the KAMJET 180T is the mobile solution for demanding cleaning, cutting, and rehabilitation tasks. With up to 522 l/min at 180 kW, e.g. for well regeneration, or 24 l/min at 3500 bar, it delivers maximum performance for concrete restoration, **industrial cleaning, paint stripping and surface cleaning.**

FEATURES & OPTIONS

- **Mobile version** – two-axle trailer (100 km/h) with sound insulation hood
- **Touchscreen control** – programmable cleaning profiles
- **Safety systems** – remote control, emergency stop, speed control
- **Optional** – radio control, larger drives, higher pressure variants

PERFORMANCE DATA OF THE KAMAT K18000-3G HIGH-PRESSURE PUMP

The integrated KAMAT K18000-3G high-pressure pump sets new standards in performance and reliability. The high pressure pump can be optimally configured for any application.



PERFORMANCE DATA

Exchange kit	Max. conveying capacity at max. power	Maximum flow rate
14 mm	24 l/min	3500 bar
16 mm	32 l/min	2900 bar
22 mm	60 l/min	1580 bar
26 mm	84 l/min	1130 bar
28 mm	97 l/min	975 bar
36 mm	160 l/min	590 bar
65 mm	520 l/min	180 bar

PERFORMANCE MEETS ADVANCED TECHNOLOGY

HIGH PRESSURE PERFORMANCE

Up to 522 litres/min at 180 bar
or 24 l/min at 3500 bar 

RELIABLE KAMAT KAMAT K18000-3G PUMP

Pressurised oil lubrication & oil cooling for long service life

EFFICIENT CONTROL

Automatic pressure control
& remote control for
precise work

EASY MAINTENANCE

Maintenance flaps, central
drainage & weather protection
for minimum service effort

FLEXIBLE MOBILITY

Rugged two-axle trailer
with 100 km/h road licence

PROFESSIONAL ACCESSORIES

Selection of specialized
water tools for maximum
efficiency and safety 



KAMJET 450

HIGH-PRESSURE UNIT FOR INDUSTRIAL CLEANING

The KAMJET 450 is a powerful and modular high-pressure **cleaning, cutting and surface preparation system**. Equipped with the KAMAT K45000-3G pump and a 405 kW motor, it offers high efficiency and long-term reliability.

HIGH PERFORMANCE FOR THE HIGHEST REQUIREMENTS

- **Pressure & Flow** – up to 1200 bar & 200 l/min for large area deep cleaning
- **Optimised for large consumers** – perfect for multi-consumer operation & automated cleaning systems
- **Flexible use** – manual or automated high pressure cleaning with multiple guns
- **Durable pump technology** – low wear due to high quality pump head

PERFORMANCE DATA KAMJET 450

Exchange kit	Max. conveying capacity at max. power	Maximum flow rate
22 mm	70 l/min	3400 bar
24 mm	84 l/min	2855 bar
26 mm	98 l/min	2430 bar
32 mm	149 l/min	1605 bar
36 mm	188 l/min	1270 bar



KAMJET 550

MAXIMUM POWER FOR INDUSTRIAL HIGH-PRESSURE APPLICATIONS

The KAMJET 550 is one of the most powerful units in the KAMJET range - designed for heavy duty cleaning and cutting. With the KAMAT K55000-5G pump, it delivers extreme flow rates and high pressures, ideal for large area and deep removal work.

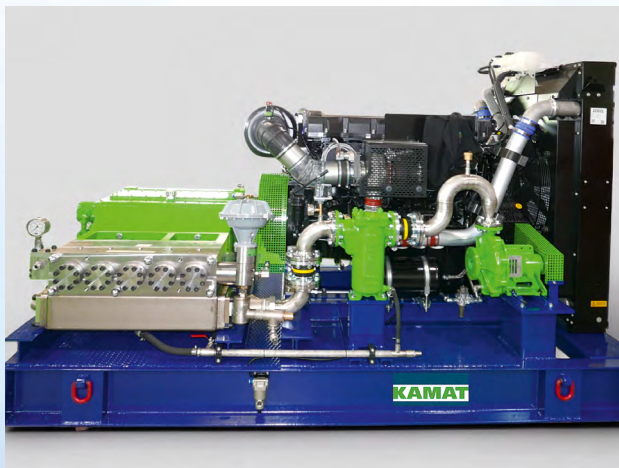
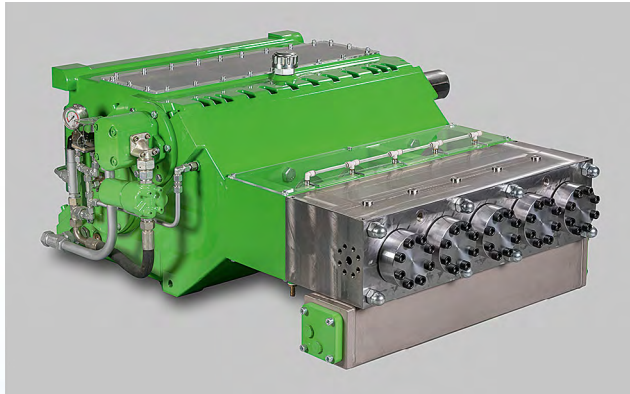
MAXIMUM PERFORMANCE & EFFICIENCY

- **Highest flow rates** – up to 275 l/min at 1060 bar for intensive applications
- **Powerful drive** – diesel engine up to 550 kW for maximum power
- **Low pulsation operation** – reduced vibration for less wear and tear
- **Automatic pressure control** – intelligent control for energy efficient operation
- **Durable stainless steel components** – corrosion resistant & low maintenance

PERFORMANCE DATA KAMJET 550

Exchange kit	Maximum conveying capacity at maximum power	Maximum flow rate
20 mm	85 l/min	3440 bar
22 mm	103 l/min	2840 bar
24 mm	122 l/min	2390 bar
30 mm	191 l/min	1530 bar
36 mm	275 l/min	1060 bar





KAMJET AUTOMATIC UNITS

KAMJET AUTOMATIC UNITS - INTELLIGENT HIGH-PRESSURE CONTROL

The KAMJET 450Ca and 550Ca automatic units set **new standards in high-pressure technology**. Thanks to innovative control logic, the system automatically adapts to pressure and volume requirements, minimising operating costs and wear.

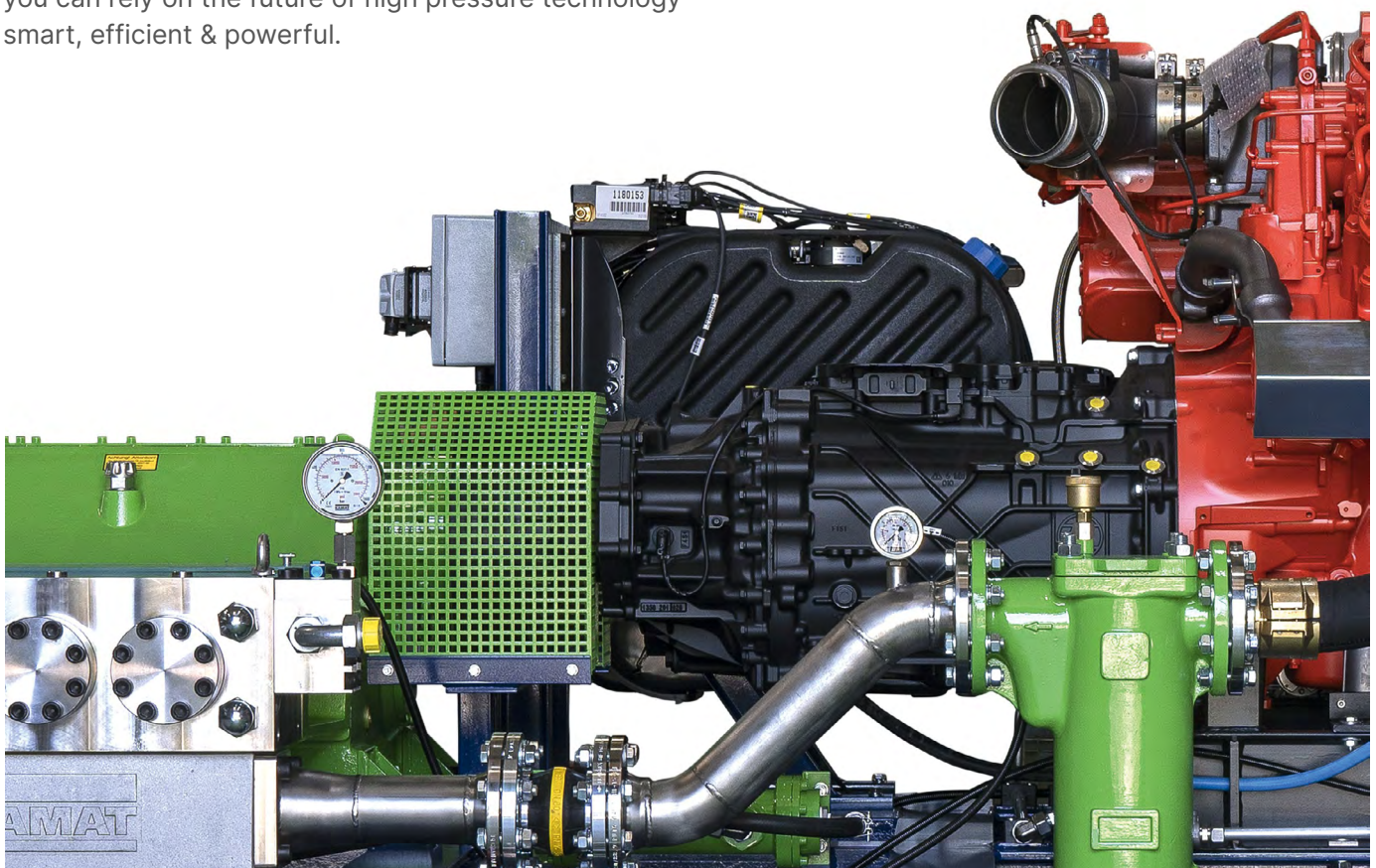
TECHNOLOGICAL ADVANTAGES

- **Up to 30% diesel savings** – dynamic adjustment of engine performance für energieeffizienten Betrieb
- **Reduced maintenance effort** – protection of high-pressure components
- **Sustainability** – CO₂ reduction & water savings through demand-oriented control

MAXIMUM EFFICIENCY - MINIMUM OPERATING COSTS

- **Up to 30% diesel savings** – dynamic adjustment of engine performance
- **Reduced maintenance effort** – protection of high-pressure components
- **Sustainability** – CO₂ reduction & water savings through demand-oriented control

With the KAMAT 2025 control unit & KAMJET automatic units you can rely on the future of high pressure technology – smart, efficient & powerful.





KAMAT K108

THE COMPACT HIGH-PRESSURE PUMP FOR MAXIMUM PERFORMANCE

The KAMAT K108 is a **small, flexible and cost-effective high-pressure triplex pump**, ideal for **applications requiring the highest pressures at the lowest flow rates**.

Thanks to its **modular design**, it can be adapted to meet individual requirements and offers low energy consumption and a long service life.

TECHNICAL HIGHLIGHTS

- **Pressure range:** up to 2000 bar
- **Flow rate:** variable according to application
- **Drive power:** optimised for different application scenarios



PERFORMANCE LIST K108

Drehzahl	Max. conveying capacity at max. power	Power Input at 1000 bar	Power Input at 1500 bar	Power Input at 2000 bar
500 U/min	4,0 l/min	3,9 kW	5,8 kW	7,7 kW
600 U/min	2,4 l/min	4,5 kW	6,9 kW	9,2 kW
700 U/min	2,8 l/min	5,4 kW	8,1 kW	10,8 kW
800 U/min	3,2 l/min	6,2 kW	9,2 kW	12,3 kW
900 U/min	3,6 l/min	6,9 kW	10,4 kW	13,9 kW
1000 U/min	4,0 l/min	7,7 kW	11,5 kW	15,0 kW

OVERVIEW PERFORMANCE DATA KAMJETS

Exchange kit	Max. conveying capacity at max. power	Maximum flow rate
KAMJET 180T		
14 mm	24 l/min	3500 bar
16 mm	32 l/min	2900 bar
22 mm	60 l/min	1580 bar
26 mm	84 l/min	1130 bar
28mm	97 l/min	975 bar
36 mm	160 l/min	590 bar
65 mm	520 l/min	180 bar
KAMJET 250		
18 mm	41 l/min	3185 bar
20 mm	51 l/min	2580 bar
22 mm	62 l/min	2130 bar
24 mm	73 l/min	1790 bar
KAMJET 450		
22 mm	70 l/min	3400 bar
24 mm	84 l/min	2855 bar
26 mm	98 l/min	2430 bar
32 mm	149 l/min	1605 bar
36 mm	188 l/min	1270 bar
KAMJET 550		
20 mm	85 l/min	3440 bar
22 mm	103 l/min	2840 bar
24 mm	122 l/min	2390 bar
30 mm	191 l/min	1530 bar
36 mm	275 l/min	1060 bar
KAMJET 1000		
22 mm	117 l/min	3500 bar
24 mm	139 l/min	3045 bar
26 mm	163 l/min	3245 bar
28 mm	190 l/min	2795 bar
32 mm	248 l/min	2140 bar
36 mm	313 l/min	1690 bar
40 mm	387 l/min	1370 bar
45 mm	490 l/min	1085 bar

Complete performance list KAMAT pumps



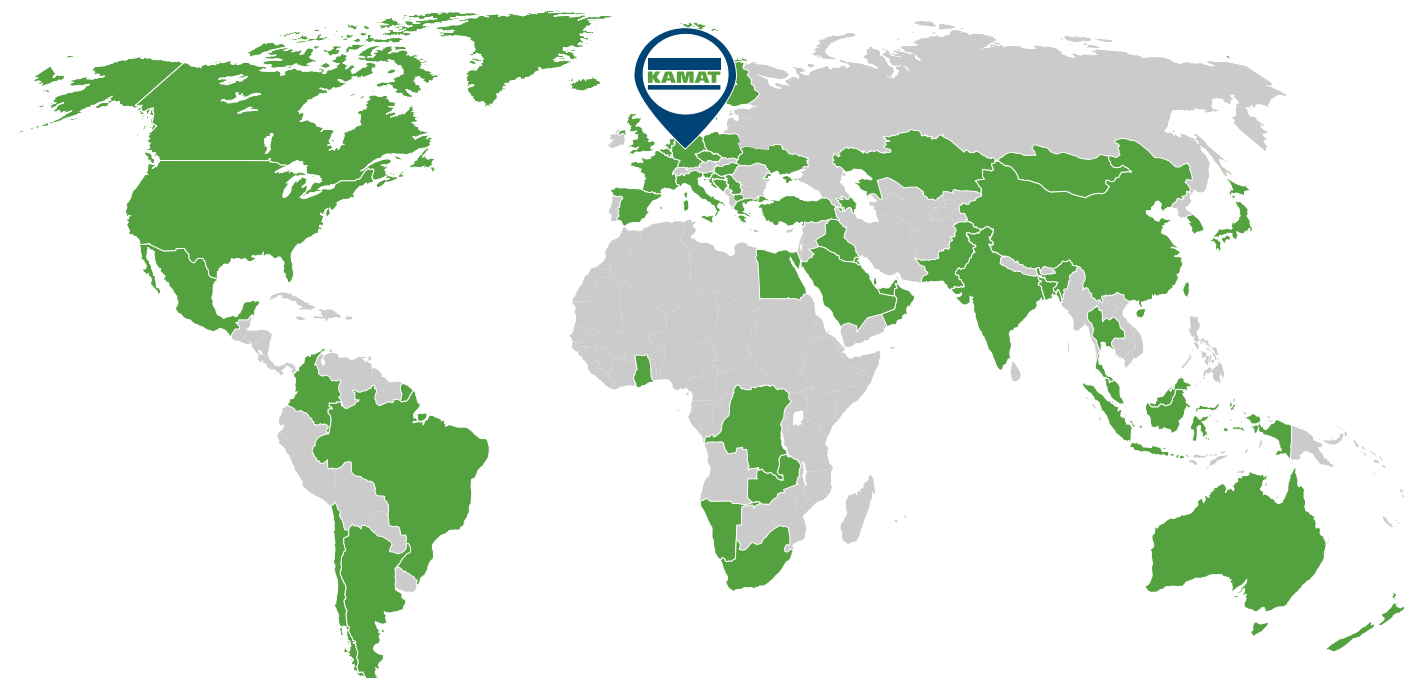
APPLICATION AREAS FOR KAMJETS

	180T	250	450	450 A	550	550 A
CASTING CORE RESIDUE REMOVAL						
I Handbetriebene gelegentliche Nutzung						
m Mechanisch unterstützte Düsenanwendung, häufige Nutzung						
h Robotergeführte großfl. Düsenanwendung, automatisiert, permanente Nutzung						
a Kombiunterstützte/automatisierte Entfernung mit gelegentlicher Handnutzung						
JET STRIPPING OF ROAD MARKINGS						
I small sized areas, handheld operated						
m medium sized areas with surface cleaners etc.						
h large areas with heavy cleaning machines / trucks						
a heavy or medium sized stripping with occasional usage of handheld tool						
COMPONENT CLEANING						
I Hand-held tools (spray gun/spray lance)						
m Cleaning with mechanically supported tools						
h Robot usage, large tools						
a Robot usage with part occasional usage of handheld tools						
CONCRETE REHABILITATION / SURFACE TREATMENT						
I small areas with hand-held tools						
m medium-sized areas with mechan. guided hand-held tools or multi gun ope.						
h Removal and surface treatment of large areas with removal robots						
a large areas with supporting use of hand held tools						
HEAT EXCHANGER CLEANING						
I Cleaning with hand-held lances/tools						
m Cleaning with mechanically supported lances/tools						
h Cleaning using multiple lances/lance machines						
a multi lance use with energy efficient occasional use of spray guns						
HIGH PRESSURE CLEANING						
I High-pressure cleaning with a hand-held spray gun/lance						
m High-pressure cleaning with mechanically secured, hand-held tools						
h High-pressure cleaning with robots, using mechanically guided tools						
a						

 **well suited**
 **suitable**
 **unsuitable**

l = light – low pressure
 m = middle – moderate pressure
 h = high – high pressure
 a = all pressure types

	180T	250	450	450 A	550	550 A
VESSEL CLEANING WITH TANK CLEANING HEADS						
l Cleaning of smaller vessels						
m Cleaning of vessels with medium to large diameters						
h Cleaning of vessels with very large diameters						
a Cleaning of vessels with larger variability						
PLANT CLEANING						
l Cleaning with hand-held tools (spray gun/lance)						
m High-pressure cleaning with mechanically secured hand-held tools						
h High-pressure cleaning with robots, using mechanically guided tools						
a Robot or guided tool cleaning with occasional use of spray guns						
PIPE CLEANING						
l Pipe cleaning with smaller to medium diameters and small to m. lengths						
m Pipe cleaning with large diameter and long length						
h Pipe cleaning with very large diameter and long length						
a						
RUBBER REMOVAL						
l smaller areas using hand-held tools (spray gun/lance)						
m smaller to medium-sized areas with hand-held surface cleaning equipment						
h large to very large areas with large cleaning machines or robots						
a						
RUST STRIPPING						
l High-pressure derusting with hand-held tools (spray gun/spray lance)						
m High-pressure derusting with mechanically secured hand-held tools						
h High-pressure derusting with robots, using mechanically guided tools						
a						
WELL REHABILITATION						
l Cleaning with hand-held tools (spray gun/lance, surface cleaner)						
m Cleaning with rotating nozzles						
h Renov. using hose reels + rotary feedthr. units, RWK, TWK, rotating 2D noz.						
a full range of well sizes						



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