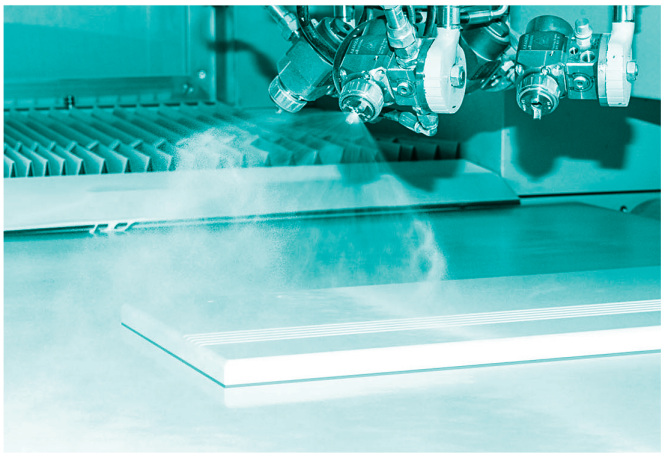


Kassis pump

for excellent surface quality.

Superior spray **quality**
for **perfect** surface **finish**





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KARABUDAK SPREYLEME SİSTEMLERİ

Spraying Systems Catalogue

AIRLESS Spray Pumps & Guns

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KARABUDAK MAKİNE



Suitable for manual operation with **2 spray guns**

KASSiS PUMP

KASSiS PUMP

A superior design compared to competitors, minimizing pressure loss at the top and bottom dead points during the piston's up and down strokes:

- Provides smooth and uniform surface quality with homogeneous film thickness distribution
- Significant reduction in rejected parts
- Reduced coating material consumption
- Lower operating and compressed air costs



PERFORMANCE

PERFORMANCE

Special design offering superior sealing performance compared to competitors.Equipped with UHMWPE and PTFE seals featuring high chemical resistance, low friction coefficient, and excellent wear resistance.

- Superior sealing performance
- Long service life
- High resistance to paints and chemicals

Specially designed valve seat minimizing noise and icing:

- Quiet operation with low noise level
- Minimal icing risk, ensuring uninterrupted performance

Suitable for manual operation with **2 spray guns**

SUSTAINABILITY



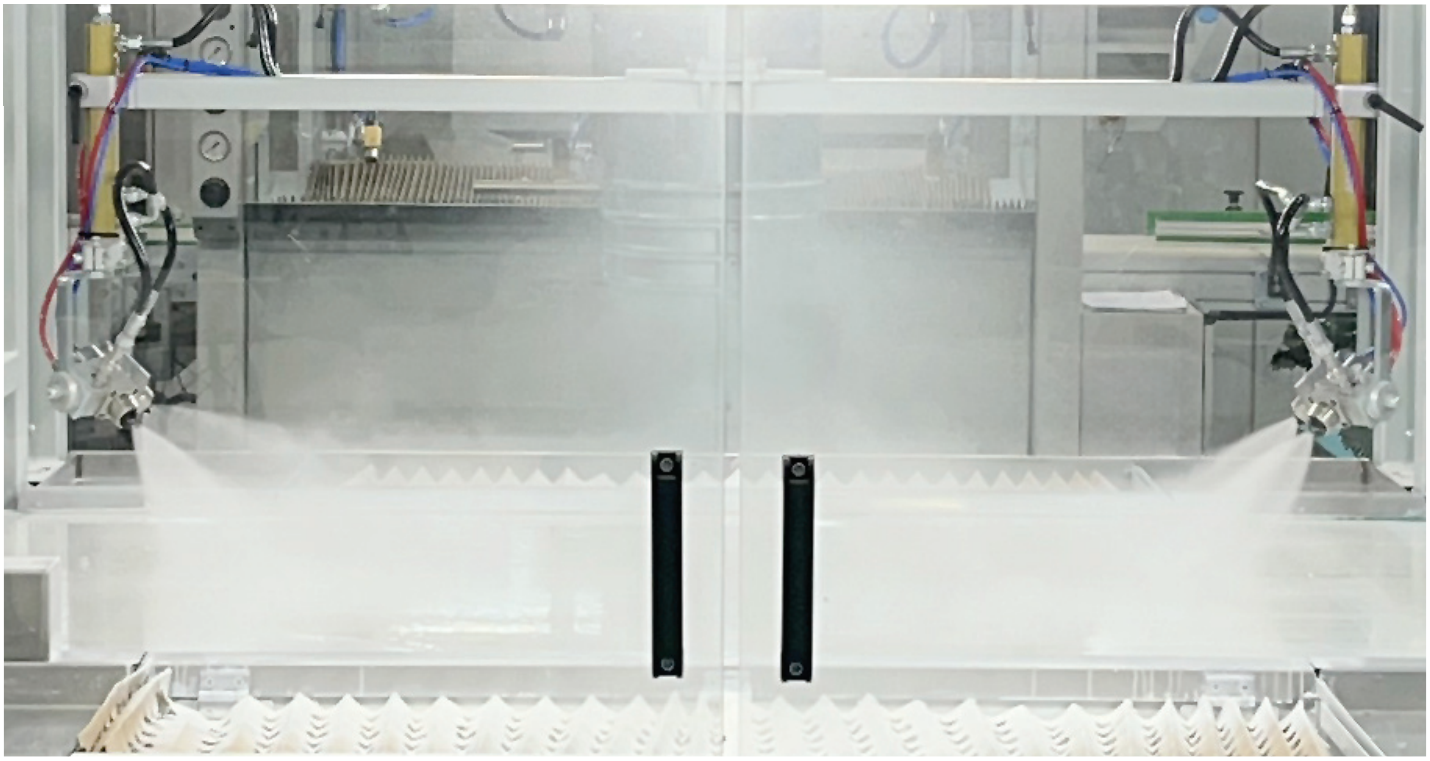
SUSTAINABILITY

High-quality stainless steel used in all fluid-contact components:
- Easy and fast cleaning
- Broad resistance to organic and inorganic chemicals, as well as pigmented paints

Integrated seal lubrication system extending piston seal life:
- Enhances sealing performance
- Extends service intervals for continuous and long-term operation

Tungsten carbide ball seats and ceramic-coated pistons:
- Maximum service life with extended maintenance intervals
- Enables trouble-free pumping of abrasive and aggressive chemicals

Lubrication-free air motor and valve system:
- Low maintenance requirement
- Simple and reliable operation



Suitable for manual operation with **4 spray guns**

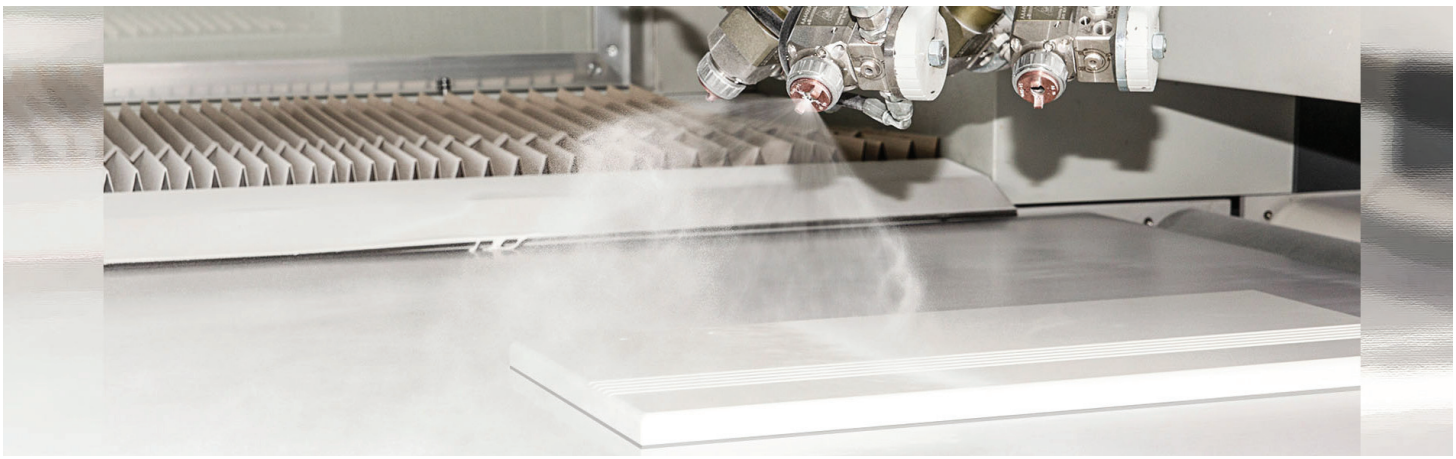


SENSIBILITY

SENSIBILITY

Optimized for low and medium viscosity fluids with a precision ball control system:

- Fluid output capacity sufficient to supply multiple spray guns
- Ideal structure for high-quality surface finish with air-assisted airless spraying
- Continuous material feed thanks to high suction capacity
- Stable and uniform flow rate
- Energy efficiency with minimal pressure loss



PUMP MODELS	95-25	95-41	190-25	270-17	
Description	*Value*	*Value*	*Value*	*Value*	*Unit – Metric (US)*
Pressure Ratio	*25/1.*	*41/1*	*25/1.*	*17/1.*	-
Maximum Air Inlet Pressure	*6(87)*	*6 (87)*	*6 (87)*	*6 (87)*	*bar (psi)*
Maximum Fluid Pressure	*150(2175)*	*246(3568)*	*150(2175)*	*102(1479)*	*bar (psi)*
Fluid Volume per Cycle	*95(3,21)*	*95(3,21)*	*190(6,42)*	*270(9,12)*	*cc (oz)*
Air Consumption (20 cycles/min at 8 bar air inlet)	*Not yet measured*	*Not yet measured*	*Not yet measured*	*440-450*	*l/dak (l/min (gal/mn))*
Max. Recommended Continuous Cycle Rate	*20*	*20*	*20*	*20*	*çevrim/dak(cycle/mn)*
Noise Level	*79*	*79*	*79*	*79*	*dB*
Fluid Output Volume	*5,7(4,28)*	*5,7(4,28)*	*11,4(3,04)*	*16,2(4,28)*	*l/dak(l/min) (gal/mn)*
Air Inlet Connection	*3/8" BSP (f) ve 1/4" BSP (f)*	*3/8" BSP (f) ve 1/4" BSP (f)*	*3/8" BSP (f) ve 1/4" BSP (f)*	*3/8" BSP (f) ve 1/4" BSP (f)*	-
Fluid Outlet Connection	*1/4" BSP (m)*	*1/4" BSP (f)*	*1/4" BSP (m)*	*1/4" BSP (m)*	-
Fluid Inlet Connection	*3/4" BSP(m)*	*3/4" BSP(m)*	*1" BSP(m)*	*1" BSP(m)*	-
Lower Seal Set	*PTFE, UHMW PE*	*PTFE,UHMW PE*	*PTFE,UHMW PE*	*PTFE, UHMW PE*	-
Upper Seal Set	*PTFE, UHMW PE*	*PTFE,UHMW PE*	*PTFE,UHMW PE*	*PTFE,UHMW PE*	-
Wet Parts	*Paslanmaz Çelik, Tungsten Karbid, PTFE, UHMWPE,Seramik*				-
Weight	*32(70.54)*	*36(79.36)*	*48(105.82)*	*50(110.23)*	*kg (lbs)*
Operating Ambient Temperature	*0-71 °C (0-160 °F)*	*0-71 °C (0-160 °F)*	*0-71 °C (0-160 °F)*	*0-71 °C (0-160 °F)*	*°C (°F)*
Air Motor Type	*HM125-100*	*HM160-100*	*HM160-120*	*HM160-120*	-
Pump Stroke	*100(3.93)*	*100(3.93)*	*120(4.724)*	*120(4.724)*	*mm(inç) (")*
Air Motor Valve	*ISO-1*	*ISO-2*	*ISO-2*	*ISO-2*	-



MANUAL

MANUAL HIGH-PRESSURE SPRAY GUN

Manual air-assisted airless high-pressure spray gun compatible with air caps and KASSIS nozzles.

- Designed to improve application quality and can be easily integrated with existing pumps
- Ideal for high-precision spraying applications in metal and wood coating industries



TECHNICAL SPECIFICATIONS	
Maximum Working Fluid Pressure	*200 bar, 20 MPa (2900 psi)*
Maximum Working Air Pressure	*7 bar, 0.7 MPa (101.52 psi)*
Maximum Working Fluid Temperature	*43°C*
Fluid Inlet	*1/4" nps*
Air Inlet	*1/4" nps*
Weight of gun with filter holder	*520 gr*
Gun Body	*Aluminum*
Trigger Resistance	*17.35 N*
Wet Parts	*Stainless steel, carbide, PTFE*

AUTOMATIC

AUTOMATIC HIGH PRESSURE SPRAY GUN

Automatic air-assisted airless high-pressure spray gun compatible with KREMLIN systems.

- Developed to enhance application efficiency and coating quality
- Fully compatible with our pumps for metal and wood coating applications
- Fully compatible with widely used air caps and nozzles of leading brands





TECHNICAL SPECIFICATIONS	
Maximum Working Fluid Pressure:	*200 bar, 20 MPa (2900 psi)*
Maximum Working Air Pressure:	*7 bar, 0.7 MPa (101.52 psi)*
Maximum Working Fluid Temperature:	*63°C*
Fluid Inlet:	*1/4" nps*
Air Inlet:	*1/4" nps*
Weight of gun with filter holder:	*980 gr*
Gun Body:	*Stainless steel*
Wet Parts:	*Stainless steel, carbide, PTFE*

Remember!

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KARABUDAK SPREYLEME SİSTEMLERİ

"Flawless Finish, Every Time"

high-pressure

pump and spray gun models

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