

Wet-blasting for industrial surface treatments

The KKS wet-blasting units stand for a clean and reproducible technique of surface treatment. The units of the serie KKS-NI are robust and powerful industrial designs, characterized by a solid engineering with a very efficient pump technology.

Special features:

- Completely made of stainless steel
- Wear protection by polyurethane-coating of the blasting chamber
- Wear protected pumps entirely in polyurethane with inserts of stainless steel
- Exactly programmable speed of the rotary table
- Height adjustable and traversable nozzle holder
- Standard sizes: 1200 mm, 1500 mm and 1800 mm
- Large viewing window with wiper and brightly illuminated blasting chamber

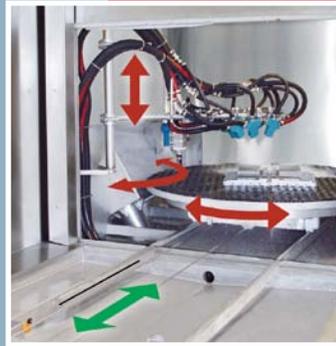
Upon request:

- Customized units in special sizes
- Automatic units for maximum process safety
- Automatic in-line units
- Spray water filter circuit with pump
- Automatically rotating table / Satellite system
- Various special nozzles to optimize the blasting result

High-powered blasting nozzles made of polyurethane



Rotating table with height adjustable and traversable nozzle holder



Large viewing window with wiper



Wet-blasting units of the serie KKS-NI

Swiss Quality



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Specifications	Type:	KKS-NI1250	KKS-NI1500	KKS-NI1800
Outer dimensions	L x W x H in mm	1250 x 1250 x 2050	1500 x 1500 x 2250	1800 x 1800 x 2250
Dimensions of the blasting chamber	L x W x H in mm	1200 x 1200 x 950	1450 x 1450 x 1150	1775 x 1775 x 1150
Material of the working chamber		2 mm stainless steel 1.4301	2 mm stainless steel 1.4301	2 mm stainless steel 1.4301
Maximal load in kg (higher loads upon request)		300	300	300
Compressed air		Connection min. ½" (dry and oil-free) Pressure range 0,5 - 8 bar / Consumption at 4 bar 350 l / min		
Blasting nozzle		Polyurethane	Polyurethane	Polyurethane
Blasting-pipe		Boron-carbide	Boron-carbide	Boron-carbide
Diameter of the blasting-pipe		8 - 12 mm	8 - 12 mm	8 - 12 mm
Power supply		400 V - 50 Hz	400 V - 50 Hz	400 V - 50 Hz
Power of the pump		7,5 kW	7,5 kW	7,5 kW
Diameter of the rotating table		Ø 850 mm	Ø 1000 mm	Ø 1400 mm
Driven, rotating table		Option	Option	Option
Manual regulation of compressed air		0 - 8 bar	0 - 8 bar	0 - 8 bar
Automatic regulation of compressed air		Option	Option	Option
Loading / Unloading table right or left		Option	Option	Option
Incl. blow clear and washing pistol		✓	✓	✓
PLC with Touch-Panel		Option	Option	Option
Vertical oscillation for 1 - 4 nozzles		Option	Option	Option
Horizontal oscillation for 1 - 4 nozzles		Option	Option	Option

Versatile usage of wet-blasting

Blasting-Media	Corundum	Glass-Beads	Crushed-Glass	Ceramic-Beads
Process				
Compaction		✓		✓
Roughen	✓		✓	
Smoothen	✓	✓		✓
Deburring	✓	✓	✓	
Super-calendering / Refine	✓	✓	✓	✓

An optimum mixture between abrasive and water is the precondition to achieve high-quality surfaces.

The exactly adjustable and reproducible jet of the wet blasting units type KKS-NI provides a consistently high quality of surface treatments.

For an optimal blasting effect, automatic units can be fitted with up to 6 high-performance nozzles per pump, geared towards the workpiece.



Cyclone for separation of blasting media and water

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