

Riley Surface World

CLEANING &
DEGREASING

SprayClean

Water Pressured Cleaning Machines



Available exclusively in the UK from:

RILEY INDUSTRIES
THE STOCK EXCHANGE FOR INDUSTRY

www.rileyindustries.co.uk

SprayClean Cleaning Systems



SprayClean 90 SprayClean 120

Everest sprayClean systems are designed to clean the surface of the goods needed to be cleaned using pressured hot water with chemical material. And all the parts of our machines are made of stainless steel to be used in all kinds of areas.

CLEANING IS MADE IN 3 DIFFERENT WAYS

Heat: The water in the machine is heated to 90 degrees. That makes it easier to clean the goods of grease and dirt.

Chemical soap: For solving the grease we mix chemicals (Soap) to the water.

Mechanic: The dirt is removed by the pressured water coming out of the spray nozzles.

The system is isolated from all of the outside effects. The lid of the machine is operated with a gas spring. Inside the washing chamber is a pipe carrying the network of spraying nozzles. The nozzles are placed in an order to reach the entire surface of the goods.

The basket is designed to move to reach the entire surface.

The chemical liquid is always in a circular in the machine with electrical pumps. The liquid coming out of the nozzles are being cleaned in the filters and re used. The filters can be removed easily to be cleaned.

Riley SprayClean machines are being produced to suit 93/37/EC Machinery Directive ve73/23/EEC Low voltage standards.

PROCESS CYCLE OF SPRAYCLEAN

STEP 1	The things to wash are placed on the chamber
STEP 2	The chamber is placed to the machine. The things are washed with pressured detergent/water solution. They are cleaned from dust, rust and contaminations
STEP 3 (in the machines with rising unit)	The hot air is sprayed to the materials to dry them
STEP 4 (in the machines with drying unit)	The chamber is unplaced from the machine. The dried materials are unplaced from the chamber

DETAILED SPECIFICATIONS OF UNITS

1 UNIT	PROCESS - SPRAY CLEANING	
	sprayClean-90	sprayClean-120
Tank Volume	160 LITER	270 LITER
Washing Pump	2.5 Hp(2.4 Bar/180lt/Min)	3hp(3.1 Bar-210lt/Min)
Filling	1" spherical valve	
Draining	1" spherical valve	
Heating	6 KW resistances. They are easily plug/unplugged from the outside of tank. They are made from 316 L stainless steel	
Oil Skimmer (Optional)	The oil that is at the solution surface is skimmed	

2 UNIT	PROCESS - SPRAY RINSING	
	sprayClean-90	sprayClean-120
Tank Volume	120 LITER	200 LITER
Washing Pump	2 Hp (2 Bar/110 Lt/Min)	2.5 Hp(2,4 Bar/180lt/Min)
Filling	1" spherical valve	
Draining	1" spherical valve	
Heating	6 KW resistances. They are easily plug/unplugged from the outside of tank. They are made from 316 L stainless steel	

3 UNIT	PROCESS - DRYING	
	sprayClean-120	
Heating	6KW (4x1.5KW) resistances. They are made from 316 L stainless steel	
Fan	600 W	

MACHINE MODELS

	Washing	Rinsing	Drying
SprayClean-90S	✓	✗	✗
SprayClean-90SD	✓	✓	✗
SprayClean-120S	✓	✗	✗
SprayClean-120SD	✓	✓	✗
SprayClean-120SDK	✓	✓	✓

MOBILCLEAN TECHNICAL SPECIFICATIONS

Specifications	SprayClean-90		SprayClean-120		
	S	SD	S	SD	SDK
External Dimensions Width (mm)	1.500	1.500	1.750	1.750	1.750
Length (mm)	1.250	1.550	1.850	2.050	2.050
Depth (mm)	1.200	1.300	2.000	2.000	2.150
Total Power (380 Volt/50 Hz)	8.5KW	15 KW	18 KW	32 KW	40 KW
Stainless Steel Pump	2.5 HP 2.3 BAR- 180LT/MIN	2.5 HP (x 2) 2.3 BAR- 180LT/ MIN	3 HP 3.1 BAR 210LT/ MIN	3HP (x 2) 3.1 BAR 210LT/ MIN	3 HP(x 2) 3.1 BAR 210LT/ MIN
Stainless Steel Construction	Tanks: AISI 304 Stainless Steel, 2 mm External Covers: AISI 304 Stainless Steel, 1 mm Body: AISI 304 Stainless Steel, 1.5mm Structural Frame: AISI 304 Stainless Steel, 40x40x1.5mm				
Fittings Materials	AISI 304 Stainless Steel				
Basket Diameter	90 cm		120 cm		
Maximum Part Height	40 cm		60 cm		
Load Capacity	150 kg		250 kg		
Cover	Damper		Pneumatic		
Motor Speed Control	✓				
Low Water Level Protection	✓				
Security Lock	✓				
Oil Skimmer	Optional (at the washing tank)				
Pump Filter	Optional (at the rinsing tank)				
Working Time	1–30 min.				
Water Temperature Adjustment	0–90 °C				
Heat isolation	With 20mm isolation material				

CONTROLS

Washing Time	Process time can be adjusted by operator
Rinsing Time	
Drying Time	
Heat Control	Washing and rinsing water temperature, drying air heat is controlled with digital thermostat.
Filter System	The working period of the filter system is adjusted by operator according to solution's dirty level.
(Optional)	The oil skimmer is worked by operator when the water is oily.
Oil Skimmer (Optional)	The water level in tank is continuously monitored. When the level is under the min. level, the cleaning process is stopped and the system gives caution to protect the heating resistances and ultrasonic transducers.



European
Association of
Machine Tool
Merchants



Redhouse Industrial Estate, Middlemore Lane West, Aldridge, West Midlands WS9 8BG UK
 T: +44 (0) 1922 458000 F: +44 (0) 1922 458001
 E: sales@rileyindustries.co.uk www.rileyindustries.co.uk