



INDUSTRIAL VACUUM SYSTEMS

Product group
Industrial Vacuum Units

S-3



S-3 Vacuum cleaning systems

More than 1000 success stories in the heavy industry and bulk material industry



wieland lufttechnik
Wetterkreuz 12
91058 Erlangen
Germany
Phone +49 9131 60 67-0
Fax +49 9131 60 44 01
info@wieland-luft.com
www.wieland-luft.com

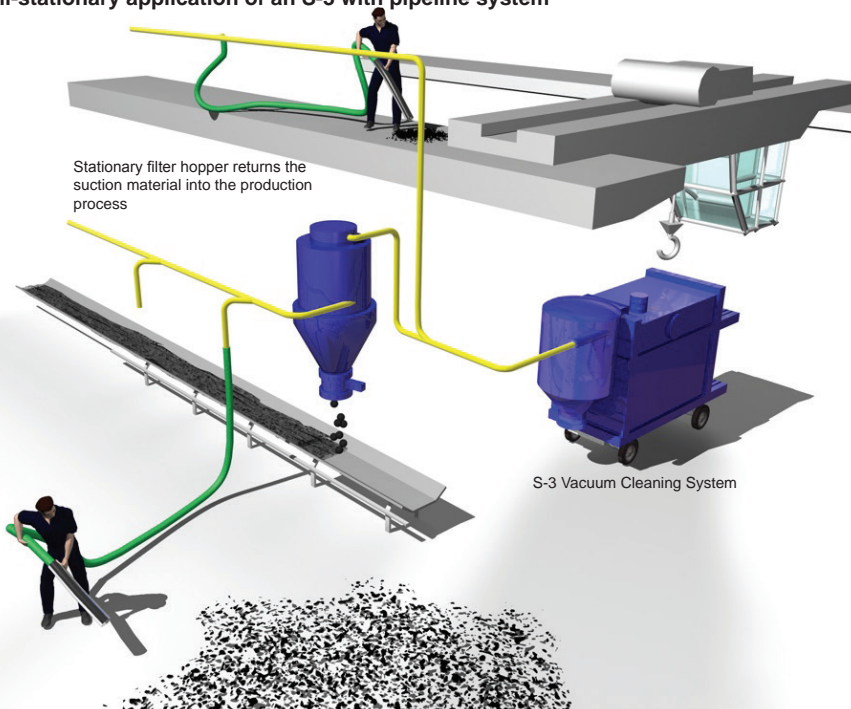


S-3 vacuum units keep production equipment functioning

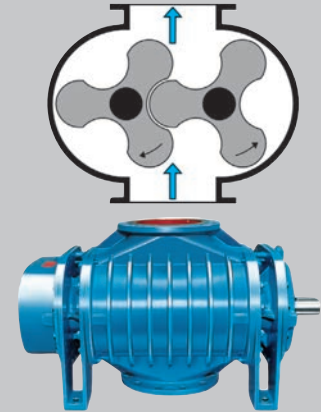
The S-3 empties pits after a breakdown of the bucket conveyor, cleans conveying equipment before the repair work starts, fills BigBags and containers, cleans the whole production area



Semi-stationary application of an S-3 with pipeline system



Safe three lobe rotary piston pumps



S-3 units are equipped with rotary piston pumps with three lobe pistons of the latest design.

All models are equipped with the most advanced three lobe rotary piston pumps. The mechanically rigid triangular design prevents torsion and vibration of the pistons.

Conventional 8-shaped pistons are distorted under vacuum. This can destroy the vacuum pump. The triangular pistons of the S-3 cannot be deformed by the shocklike change of vacuum due to sudden changes of material load in the suction line. The S-3 pump is safe, reliable and powerful.

Technical data

Electric power	kW	22
Max. airflow	m ³ /h	1355
Max. suction power*	mbar	500
Suction inlet diameter, System SK	Ø mm	100
Suction performance, max.*	t/h	10
Total filter surface*	m ²	13.5
Dimensions (without under-carriage) type S-3 M Atex 3D, l x w x h	mm	2500 x 900 x 1505
Weight approx	kg	1040 - 1200
Voltage, three-phase	V/Hz	400/50
Fuse at 400 Volt	A	63
Noise level, without reflexions	dB(A)	80

* see quotation / specification

0715-199/1