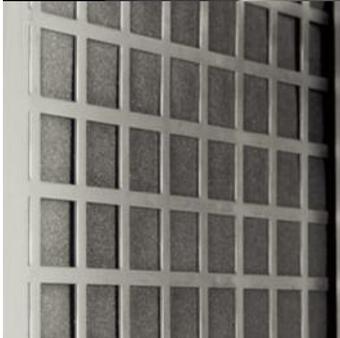


SI70



Professional Industrial Machines

**BÖWE**  
Textile Cleaning

# 24 Hours a Day, 7 Days a Week – this Requires High Quality

## Industrial Machines Work under the most Difficult Conditions

BÖWE SI70 industrial machines have been extensively tried and tested worldwide under the most difficult conditions, e.g. with continuous use in a three shift operation.

This obviously requires a high degree of reliability and durability, which BÖWE industrial machines offer with their extremely rugged design, using high-quality material combined with perfected technology.

Their wide scope of use ranges from fur degreasing for the leather industry via workwear and gloves cleaning to carpets.

## BÖWE SI70 Modular Machine Design Principle

Starting from the basic machine, the "o" model, the "c" and "i" models can be built up by adding other components such as filter, still block or double still block.

### The SI70 as a basic machine

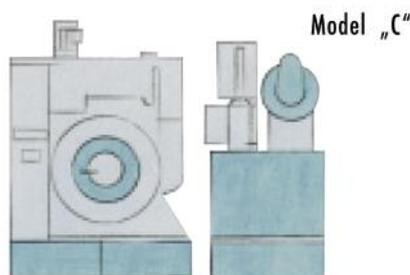
This machine, with two tanks, is ideal for a multiple installation for connection to a central still. Up to three machines can be connected to one central still.

### The SI70c

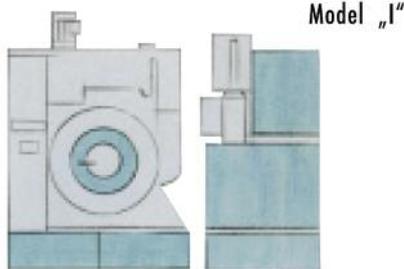
This complete machine, with three automated solvent tanks, still and eco filter, is used for normal garments and lightly soiled workwear.

### The SI70i

This complete machine with three automated solvent tanks, high-capacity double still and integrated cage heating, is the industrial version for heavily soiled work wear and machine wipers.



Model „C“



Model „I“

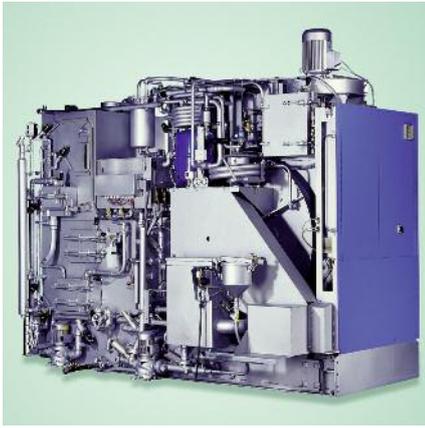
SI70 Modular Machine Design Principle



User Friendly up to the Smallest Detail

## The CS 3000 Computer Control

The well-proven BÖWE CS 3000 control with its clear text display can easily be operated, even by less experienced personnel. It provides fully automatic control of the complete drycleaning process, the maintenance and service programs, and has extensive management, process and maintenance information capabilities.



## POLYSORBA SI

This multicycle activated carbon system can be connected to one or two drycleaning machines in a closed system. It reduces the residual solvent concentration in the drying air at the end of the cycle to less than 2g/m<sup>3</sup>. The computer controlled unit is constantly monitored: when the activated carbon is saturated, the unit automatically initiates the hot air desorption cycle and the adsorption air flow is switched to the second carbon bed, which is ready and waiting.

## Perc Measuring System

The measuring system controls the residual solvent concentration. The loading door can only be opened when the solvent concentration has dropped to less than 2g/m<sup>3</sup>. It goes without saying that this corresponds to the directives of the 2nd BImSchV (German regulation).



The Perc Measuring System Controls the Residual Solvent Concentration



The Multi-Cycle Activated Carbon Unit POLYSORBA SI

## ACTIVA®

If you attach importance to environmental protection and cost effectiveness, the SPS controlled ACTIVA activated carbon unit is the solution. The solvent vapor that is usually lost with the exhaust air is adsorbed by means of carbon beds and is recovered almost completely during steam desorption. Through these solvent savings the ACTIVA can pay for itself within 1 year - and the environment is saved as well! The ACTIVA is available in several sizes and as a 1-bed- or 2-bed-unit.



ACTIVA  
Activated Carbon Air Filter

## High-Capacity Still

The separately selectable bottom and side heating of the still guarantees smooth distillation, even with large quantities of soiling. The water separator can be emptied directly into the still, and the overflow preventer avoids errors in operation. Residues are automatically pumped from still 1 to still 2.

The c and i models are equipped with a fully automatic emission free still rake out system. With the solvent content reduced to the absolute minimum, the still residues are pumped in a closed system directly into a disposal barrel.

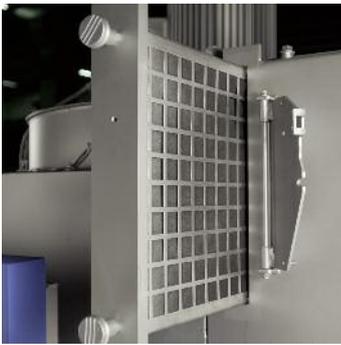
## Maintenance Made Easy

The solvent tanks of the machines have large maintenance openings with permanent seals, so that they can easily be cleaned. Since the stills have very large maintenance openings as well, they can also be cleaned easily. Openings at the rear of the cage housing and at the recovery section make maintenance a lot easier. The cage back plate is rinsed fully automatically at the beginning of each cycle. Thus, deposit of solvent-impregnated lint, that would increase the residual solvent concentration in the drying air, is prevented.

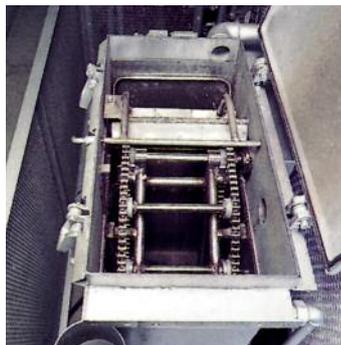
Quality Made in Germany:  
the industrial drycleaning  
machines



- > **Excellent cleaning results, even with extremely greasy and oily garments**
- > **Great care of garments for significantly longer textile life**
- > **Lower machinery cost - cleaning, extraction and drying in one operation**
- > **No problem with special finishing like waterproofing, flame retardant finishes etc.**
- > **Cooling water does not get into contact with solvent**
- > **Low operating cost**
- > **Low personnel cost**



Additional fine lint filter  
for ultimate efficiency



Self-cleaning button trap for garments  
producing a lot of lint



Spraymatic SPPI - autom. product  
addition directly off the drum

# Excellence in Drycleaning: The SI 70 in Detail

		c-Model	i-Model
<b>Solvent</b>		<b>Perchloroethylen</b>	
<b>Cage</b>			
Loading capacity	kg	70	70
Cage diameter	mm	1.380	1.380
Cage depth	mm	820	820
Cage volume	l	1.230	1.230
Cleaning speed	l/min	28	28
Extraction speed	l/min	340	340
<b>Tank volume (filling/total)</b>			
Tank I (work tank)	l	350/430	350/430
Tank II (clean tank)	l	650/750	650/750
Tank III (rinsing tank)	l	350/430	350/430
Still I	l	750/1.120	750/1.120
Still II	l		350/700
Eco filter	l	320	
Operating load	kW	26,7	26,7
Still flow rate	l/h	1.100	1.600
<b>Machine Measurements</b>			
Width	mm	3.500	3.500
Depth	mm	2.290	2.290
Height	mm	3.100	3.100
<b>Floor Space</b>			
Surface	m <sup>2</sup>	5,0	5,0
Width	mm	3.500	3.500
Depth	mm	1.430	1.430
<b>Weight</b>			
Weight (without solvent)	kg	4.480	4.980
<b>Floor Load</b>			
static + dynamic	N/m <sup>2</sup>	21.000	22.000

Owing to our commitment to innovation and improvement.



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Your BÖWE Partner

**BÖWE**  
Textile Cleaning