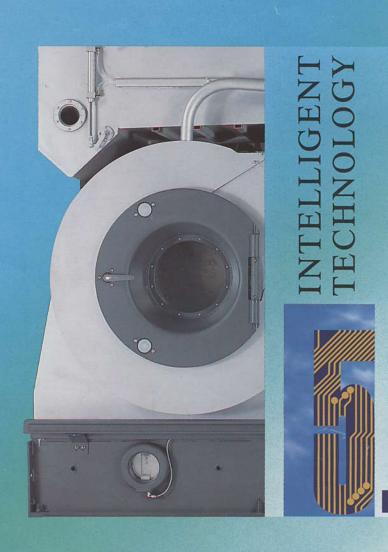


BÖWE-PASSAT
"Fifth Generation"
Dry cleaning machines

P 564
P 5.100



# Our hallmarks are hi-tech design and pollution control

With the fifth generation BÖWE PASSAT has developed a range of machines which is setting new standards worldwide:

- ☐ In performance and economy
- ☐ In pollution control and safety

☐ In ease of use and engineering excellence.

This trend-setting generation of machines is the product of an innovative and hi-tech approach to systems design.

The integrated BÖWE CONSORBA is the key to environmentally friendly dry cleaning.

Engineering considerations and protection of the environment are not seen by BÖWE as mutually exclusive options. "Work in harmony with the environment" is our motto!

# Outstanding advantages of the fifth generation

#### Not harmful to the environment, as hermetically sealed

■ Hermetically sealed during the whole process sequence. Fluctuations in pressure during the operating cycle are fully contained by the machine.

The result is virtually no solvent emission to atmosphere or residue in the processed garments.

### The environment protection package

- BÖWE-CONSORBA
- BÖWE P.M.S. 2000 perc monitoring system
- Emission-free still rake out
- ECO filter
- Lint drying
- Emission-free machine filling
- Integrated process water separator
- Safety limit switches

- Solvent safety trough
- Emission-free SPRAYMATIC
- Still tank rinsing
- Back plate flushing

#### Staff costs are saved

- The computer control automates routine operating and maintenance tasks
- Less machine down time and service work due to built in fault diagnostic system
- Minimum finishing time due to optimum load temperature and humidity.

## Two-fold quality improvement in garments processed

- Cleaning results visibly better
- Finishing quality higher

#### Highly economical

- Perc consumption greatly reduced
- Advanced refrigeration technology reduces cooling water and energy consumption
- With ECO filter no use of filter powder

- Low disposal costs through use of BÖWE's auto still rake out system
- Energy saving distillation and drying system
- Reuse of heat during drying
- Modular construction enables 2 or more cleaning machines to be connected to a single still.

### Reliable and easy to operate

- Operation and maintenance simplified
- Sensors and safety limit switches prevent solvent emissions
- Sequence of operations monitored by sensors and displayed on computer
- Fixed programs give wide choice
- Computer allows user to simply and quickly write those "special" programs
- Automatic maintenance programs with push button control.

# 

#### Computer Control for Simple Operation and Maintenance

Simple operation coupled with the very highest performance – two outstanding features of the newly developed computer control.

Important cleaning processes are permanently stored in memory. In addition there are sufficient free programming locations available for individual program generation.

Manual operation is particularly simple.

The unique user-friendly design is well illustrated by the variety of maintenance programs. At the push of a button the computer automatically takes over such important functions as filter and still maintenance, automatic still rake out, filling the SPRAY-MATIC, waterproofing and suede oiling, preparing stock

solutions, solvent neutralization, etc. Also included is a "Deodorize" program which prevents solvent emissions after long periods of not working and after maintenance routines.

An important element of the new control system is the sensor system which monitors drying and distillation temperatures, liquor levels in the drum, condensate return and other functions.

Service and down time is cut to a minimum – more than 100 diagnostic hints help to identify faults and save maintenance time and cost.



# Oustanding cleaning quality

BÖWE's 5th generation machines allow you to set new standards in cleaning quality. Quality that can lead to extra profits!

The design of the drum and the integral beaters in conjunction with different liquor levels, rotational speed and temperature control determines the cleaning effect. The interplay of all these factors, in conjunction with computer control and sensor technology, lead to a quality of cleaning that was unobtainable until now. Thanks to optimum temperature control of the load and low moisture loss (an effect of the new BÖWE drying concept), garments have fewer creases and expenditure on finishing is significantly less.

Precise liquor level control has an important influence on the cleaning result. Therefore, the machines are fitted with precision sensors instead of traditional level switches.

The efficient solvent cooling system minimises any tendency for the solvent to get warmer during the working day – a valuable feature when handling delicate garments prone to colour bleeding.



# P564 – 32 kg machine

#### The "Fifth Generation" -Technology of the future

BÖWE's 5th generation of dry cleaning machines sets new international standards in cleaning technology.

Innovative mechanical design coupled with intelligent computer control provides the optimum in performance, economy and cleaning quality. It also guarantees the highest degree of safety and environmental protection!

All models in the range are the same in construction and function and have the same control system. They merely differ in size and design of specific components. If you know how to operate or maintain one model you can handle any model in the range - savings in time, training costs and spare parts!

The 32 kg P564 machine is of modular construction and designed also for industrial

#### "o-models"

To reduce investment cost and minimise the floor space taken by the equipment, the "o-model" can be supplied without a dedicated still unit. It is normally coupled with a complete standard machine and shares its still. It is even possible to connect several "o-models" to one single central still.

#### The loading door

On starting the machine the pneumatic door locking system works automatically and keeps the loading door safely closed throughout the process cycle.

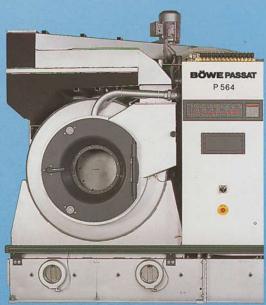
An opening angle of 180° makes loading and unloading a great deal easier. Even pressure is maintained all around the hermetic door seal to prevent uneven wear.



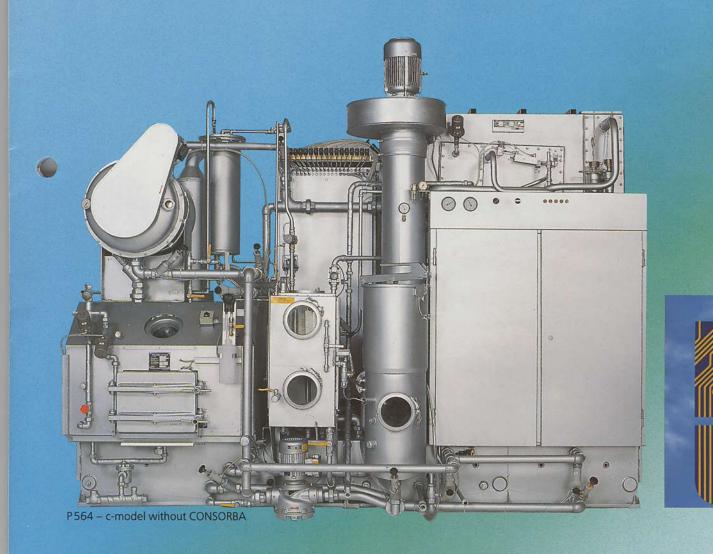
P 564 - c-model



P564 – with panels on 3 sides



P564o-model without still



# Safety and environmental

protection

#### The keys to safety

BÖWE's 5th generation machines are particularly environmentally friendly with performance criteria second to none. Although many manufacturers claim their equipment is "closed circuit", BÖWE machines are truly hermetically sealed and work reliably and safely with minimum residual solvent concentrations in the load.

All environmentally relevant aspects of the cleaning process have been painstakingly investigated. In cooperation with dry cleaners, research institutes and government authorities, solutions have been worked out which have resulted in quite distinctive and standard-setting developments in environmental protection:

☐ The whole drying concept



Residue disposal drum

has been fundamentally reappraised in order to reduce solvent emissions to a minimum.

☐ The latest sensor technology, used extensively for the first time in conjunction with computer controls, meets even the strictest legislation envisaged in the next decade —

BÖWE is the yardstick by which others are judged!

# The basics of environmental protection

With the machines designed for use anywhere in the world, features and retrofittable options have been developed to meet the increasingly stringent requirements of all the developed nations:

- CONSORBA for reducing residual solvent concentration in accordance with current and planned legislation.
- BÖWE P.M.S. 2000 for preventing access via the loading door until the perc concentration in the drum at the end of the cycle is below 2 g/m³ and for monitoring the ambient solvent vapour levels.
- Emission-free still rake out system with fully automatic discharge into a disposable drum.
- The environmentally friendly ECO filter, filters undissolved dirt from the liquor, without using filter powder.
- Drying of the lint in each batch ensures its emissionfree removal during daily maintenance.
- Emission-free solvent filling with the machine's own integral pump for filling from the drum.
- Process water separator includes collection drum for later transfer to purification unit.
- Safety limit switches prevent escape of solvent in the event of incorrect operation.

■ Automatic still tank rinsing and back plate flushing prevent build up of lint deposits.



P.M.S. 2000 perc monitoring system

- Solvent safety trough.
- Emission-free Spraymatic for spraying suede oil, waterproof finishes, etc. The machine's computer controls the complete sequence of mixing and spraying without any emission of solvent.

Special versions of the Spraymatic are available for products which must be applied undiluted.



Double water separators



SPRAYMATIC SPP 1

# CONSORBA and the drying process

#### CONSORBA – the key to environmentally friendly cleaning

Traditional refrigeration technology has physical limits as regards residual solvent content in the cleaning machine (the perc vapour would reach freezing point long before the residual solvent content was reduced to below the new legal thresholds).

The answer is the BÖWE CONSORBA. By combining the best points of both condensation and adsorption technology (hence the name "CON-SORBA"), previously unachievable low residual solvent levels can be reached. What is more, this all happens as part of the normal machine process. Even regeneration of the carbon is part of the process cycle.

The CONSORBA is fully ready with each new batch to take the solvent out of the circulating air.

Since computer-controlled regeneration of the CON-SORBA is done with hot air, the CONSORBA requires no steam, produces no contact water, does not result in "damp garment odour" and can be fitted to standard electrically heated machines.

When a machine is fitted with the integrated BÖWE CONSORBA, the residual gas concentration at the end of the cycle is reduced to under 2 g/m³. Inevitably the residual solvent concentration in the load is also very low.

CONSORBA mounted behind the swing-out switch cabinet on the P5 100





## The new drying concept

The complex processes of drying and recovering solvent have been optimised using the latest scientific methods. With an integrated CONSORBA all the most stringent requirements regarding emission control are met at the same time.

First, the BÖWE drying system reduces the residual solvent concentration in the drum at the end of the batch using particularly high air flow rates. This ensures the best possible removal of solvent from the garments.

Second, the temperature of the load is optimised and moisture loss is therefore kept to the barest minimum because the after-cooler temperature does not drop below 0°C. (Other manufacturers frequently cool to below 0°C in an effort to improve solvent recovery but in the process dehydrate the garments making finishing difficult and creating static problems). Apart from reducing the cost of finishing, the new drying system also saves energy and cooling water costs.

Third, the computer controls the drying time and this can be automatically monitored with the BÖWE DRYSTAT electronic drying controller. This new thermistor device is sealed for life, totally maintenance free and reliably controls the drying time, allowing for type of garments, level of loading, etc. (e.g. drying time automatically extended for thick garments such as anoraks).



# P 5.100 – 50 kg machine

The tried and tested design principles of the 5th generation have also been used in the latest machine from BÖWE PASSAT, the P 5.100.

P 5.100 Drum capacity 1000 litres.

The P5.100 50 kg machine is of modular construction and designed also for industrial use. It is therefore possible to combine multiple cleaning modules with different sized still units. This allows the greatest flexibility in your production planning – a BÖWE

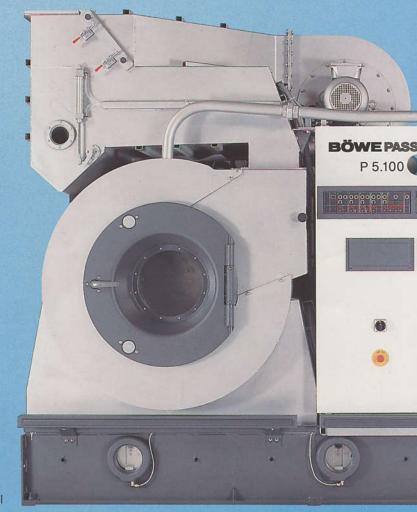
dry cleaning system which can be customised to your precise requirements.

Fitting an integrated Consorba unit (either at the time of installation or as a simple retrofit option) makes the P5.100 the key to environmentally friendly dry cleaning.

## New solvent cooling system

Another BÖWE "first" is the idea of utilising the "waste" energy from the heat pump to cool the solvent. This is done through a heat exchan-

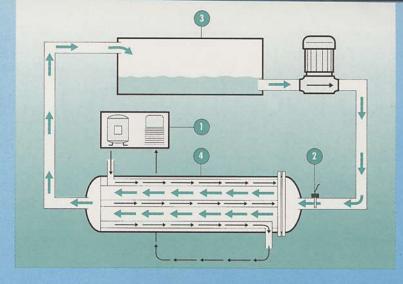
ger cooled with refrigerant during the wash cycle when the heat pump is not in use. This system not only keeps the solvent temperature low (a major advantage when processing delicates or colours prone to bleeding) it also reduces solvent and cooling water consumption still further, and is far more efficient than any water cooling system.



P5.100 c-model

The required solvent temperature is entered on the computer as part of each program and can be set at between 10 and 35°C.

The solvent can be cooled either in the tanks (work tank or clean tank) or during the pump or filter circuit.

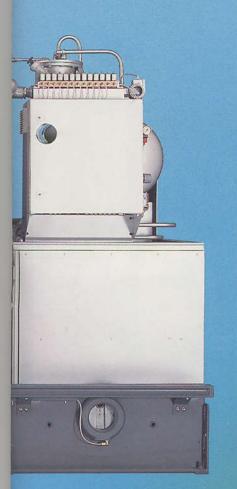


#### Solvent Cooling

- ► Sensor controlled
- refrigerant-cooled heat exchanger
- temperature range selectable from 10 – 35°C
- Solvent cooling
- in the pump and filter circuit
- in the tank

- ► Highly effective
- Safety for the handling of sensitive garments
- no colour bleeding
- no damage to garments
- cooling runs automatically
- Temperature control at all times, indicated on the computer control display

- Refrigeration unit
- Temperature sensor (10 – 35°C)
- Solvent tank
- Heat exchanger



#### Optimum air flow

The air flow of the P5.100 is virtually identical to that of the P564. Only the fans have been repositioned to reduce the installed height of the machine.

An additional filter with large filter area has been fitted in the air duct for further protection of the heating and cooling damper. In the event of a problem with the main lint filter this additional filter would protect the air shaft against linting up.

Particular attention has been paid to minimising the level of residual solvent in the garments after processing. Therefore of the recovery head and the actual drying process itself have been designed to give the best possible result.

The electronically controlled DRYSTAT drying controller and the P.M.S. 2000 perc

monitoring system optimise the drying time as a function of load type and quantity.



Lint filter in the air duct

In order to eliminate a further source of emissions, the lint filter and button trap have been combined and incorporated in the air flow. This means that only dry lint is removed from the machine.

Safety limit switches prevent escape of solvent in the event of incorrect operation.



# P5.100 - the big "Fiver"

### State-of-the-art filters

The ECO filter is a regeneratable filter system that works on the same principle as the centrifugal filter. A large filter surface makes for a longer service life and good filtration, faster soil removal minimising the risk of greying.

The ECO filter can be used either with or without filter powder. However, powder must not be used in conjunction with the emission-free, automatic still rake out system. The functions of filter draining, filling and precoating are combined in a fully automatic filter maintenance program.

#### Second filter

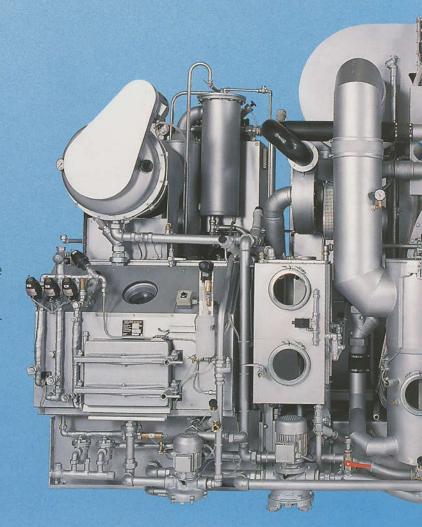
A second filter may be fitted if required. This may be to extend the process options (e.g. separate processing of light and dark loads) or when combining c and o-models or two o-models with a single, central still.

Still unit with 2 filters



#### "o-models"

To reduce investment cost and minimise the floor space taken by the equipment, the "o-model" can be supplied without a dedicated still unit. It is normally coupled with a complete standard machine and shares its still. It is even possible to connect several "o-models" to one single central still.



P 5.100 – c-model with CONSORBA and solvent cooling

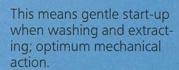
## Use of variable speed drive

Variable speed drive is offered as an optional extra and reduces current peaks on startup and the dynamic loads which have a direct influence on foundation requirements.

Variable speed control allows you to select the ideal speed for each program to suit the garments being cleaned.

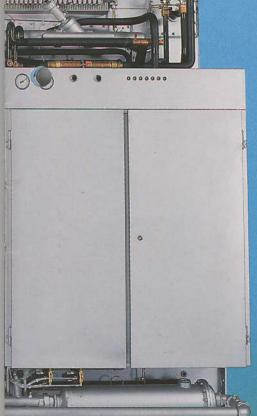


P5.100 o-model



Even the most delicate work such as wedding dresses, ball

gowns or valuable rugs no longer present a problem. The "lift/drop: rotation ratio" can be reduced to less than 1 if you so wish.





Truly compact: drive, refrigeration unit and two automatic dosers.



# Energy-saving, high perform

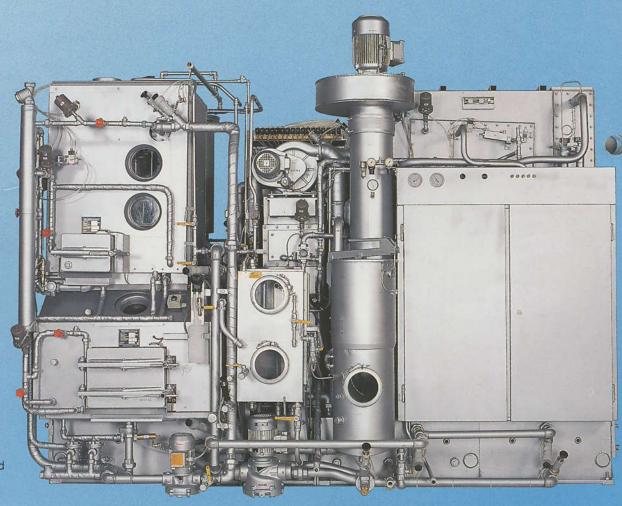
BÖWE stills are traditionally energy-saving and very efficient. At BÖWE PASSAT great emphasis has always been placed on high still performance because the availability of clean solvent on demand is a fundamental requirement for the professional cleaning of textiles.

Sensors accurately monitor the flow of solvent into the still to prevent "blacking over" and thermal breakdown or "cracking" of the solvent.

Heating both in the bottom and sides of the still ensures top performance.



P 564 - i-model



P 564 i-model with integrated CONSORBA

### nce still

#### Still modules

Although the P564 and P5.100 normally come complete with their own still units, the wash modules can be combined with separate still units as well. This means that the still can be sited remotely from the washing module (e.g. if there are space limitations) or two washing modules can share the same still unit.

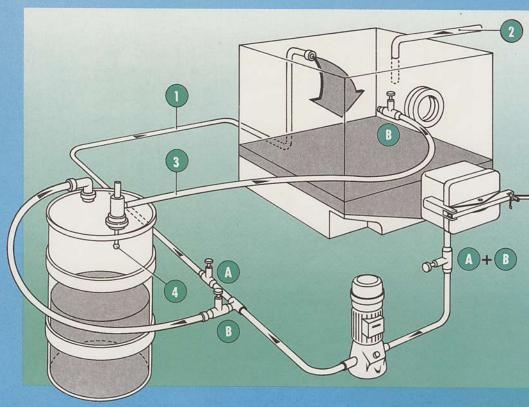
The kind of still fitted will depend on the machine's intended application.

For shop machines we would normally fit a standard D 564 still which operates at 300 l/hr. With additional heating elements this can be boosted to 450 l/hr. Where several machines are connected to a single still a D 5.100 module with a total capacity of 1100 l/hr is used.

Industrial machines are equipped with a double still. The P564i is fitted with the D564i still, distillation-rate 420 or 570 I/hr. The P5.100 i is fitted with the D564i still with additional heating, distillation-rate 600 l/hr.

Several industrial machines can be linked with a central D 5.100 i still module. The total capacity is 1600 l/hr.

In conjunction with the ECO filter, BÖWE offers fully automatic, emission-free still residue disposal. The residues are pumped directly into the disposal drum. Solvent vapours are returned to the machine via a gas displacement line. Again this option is easily retrofittable to both the P564 and P5.100.



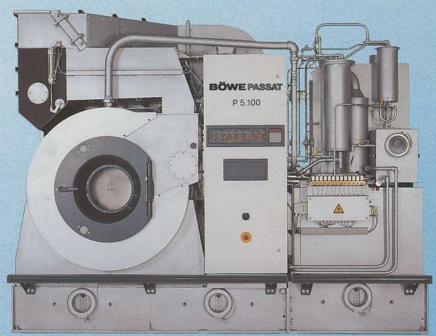
#### Emission-free still rake-out

- Closed system
- no odours, no pollution, no filter powder
- Maintenance program fully automated
- circulation pumping
- steam injection
- pumping out
- ► Solvent consumption significantly reduced

- Cost savings
- filter powder
- quantity of residues
- Sensor protects waste drum against overflowing
- Ready for connection to any waste container
- ► Ready for recycling process

- Circulation pumping line
- Water feed (el)
- Gas displacement
- Overflow preventor Circulation pumping
- Pumping out





P5.100 i-model

### A tradition of excellence

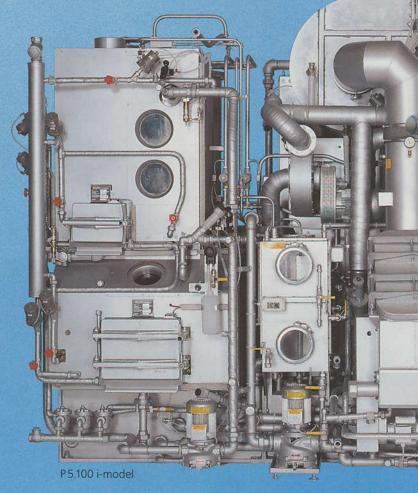
The high standards of materials used and careful workmanship reduce the cost of spare parts and service during the machine's life and are your guarantee of quality, for which BÖWE has always been renowned. The extraordinarily high proportion of BÖWE machines still in regular use after 15, 20 or even 25 years service is testimony to the quality of their construction.

The greatest attention is paid to the selection of materials

#### Double still

Industrial machines are equipped with a double still. Sensors accurately monitor the flow of solvent into the still to prevent "blacking over" and thermal breakdown or "cracking" of the solvent. Heating both in the bottom and sides of the still ensures top performance.

A large illuminated sight glass allows visual inspection, and automatic live steaming further assists the distillation process and minimises the perc content in the still residue. There is a special dosing device for the injection of antifoam additives if required, and the specially contoured still bottom ensures the smooth operation of the automatic still rake out system. Because the "hands off" still rake out system is totally emission free, the P5.100 complies will all current and projected environmental legislation.



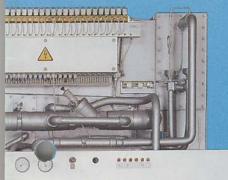
# Features and Options

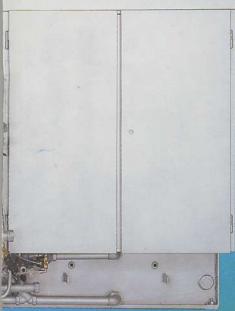
and for that reason all key components are made of high-quality special stainless steel.

Parts which are particularly susceptible to corrosion are also given a proven temperature and solvent-resistant, non-porous coating.

Strong, solidly built supports ensure stability and freedom from vibration of the whole machine system.

The fully enclosed drive motor guarantees optimum quiet running. All pipes and valves are visible at a glance and are easily accessible for operators and service engineers alike.





Steam heated version (da)		•
Drystat drying controller	0	C
Overfill preventer for still	0	C
Computer control		•
Antifoaming agent doser		•
1 st automatic dosing unit		•
2nd automatic dosing unit		C
Sight glass illumination		•
Cooling water shortage safety device		
Loading door interlock		•
Emission-free solvent filling		•
ECO filter		C
2nd ECO filter		C
CONSORBA with lint drying	0	C
Emission-free still rake out	0	C
Double water separator		•
P.M.S. 2000 perc monitoring device		C
Solvent safety trough		C
SPRAYMATIC SP 5		C
SPRAYMATIC SPP1 (for neat additives)		C
3-sided paneling	P564	C
Solvent cooling (refrigerant-cooled)		C
Loading door ventilation (machines without CONSORBA only)		C
o-model (without still)		C
Fine lint filter	P5.100	
Variable speed drive		0
Double still (industrial machines only)		0
Back plate flushing (machines with CONSORBA only)		

Standard

Still tank flushing

- O Optional
- D Standard in Germany

Owing to our commitment to continued innovation and improvement we reserve the right to update the above specification without notice.



# Technical data

Loading (1:20)   kg   32   32   35   50   50   50   50   50   50   50			P 564			P 5.10	0	
Drum capacity         I         640         640         640         1000         1000         10           Drum diameter         mm         1150         1150         1150         1260         126         126           Drum depth         mm         615         615         615         800         800         80           Cleaning speed         rpm         30         30         30         26         26           Spin speed         rpm         30         30         30         26         26           Spin speed         rpm         30         30         30         30         26         26           Spin speed         rpm         30 <t< th=""><th>Solvent</th><th>Perchlorethylene</th><th>c-model</th><th>o-model</th><th>i-model</th><th>c-model</th><th>o-model</th><th>i-model</th></t<>	Solvent	Perchlorethylene	c-model	o-model	i-model	c-model	o-model	i-model
Drum diameter Drum depth         mm         1150         1150         1150         1260         1260         1260         1260         1260         1260         1260         1260         1260         1260         1260         800         80         380	Loading (1:20)	kg	32	32	32	50	50	50
Drum depth	Drum capacity	I was a second	640	640	640	1000	1000	1000
Cleaning speed	Drum diameter	mm	1150	1150	1150	1260	1260	1260
Spin speed	Drum depth	mm	615	615	615	800	800	800
Tank volumes  Tank II	Cleaning speed	rpm	30	30	30	26	26	26
Tank II I 350	Spin speed	rpm	380	380	380	380	380	380
Tank III I 200 200 200 325 325 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Tank volumes							
Tank III I 200 200 200 325 325 325 3 Still I/II I 800 - 800/335 800 - 1120/7 ECO filters I/II I 130/130 - 180/130 - 180/130 - 1120/7 Operating load max. (steam-heated) - with CONSORBA kW 13.6 13.6 13.6 13.6 17.4 17.4 17.4 17.4 - without CONSORBA kW 12.5 12.5 12.5 14.8 14.8 14.8 14.8 Still capacity: (1st / 2nd still) D564	Tank I	1	250	250	250	325	325	325
Tank III	Tank II	1	350		350	400		400
Still I/II         I         800         —         800/335         800         —         1120/7           ECO filters I/II         I         130/130         —         —         180/130         —           Operating load max. (steam-heated)         —         —         13.6         13.6         17.4         17.4         17.4           — with CONSORBA         kW         13.6         13.6         13.6         17.4         17.4         17.4           — with CONSORBA         kW         12.5         12.5         12.5         14.8         14.8         14.8           Still capacity:         (still capacity:         — <td>Tank III</td> <td>1</td> <td>200</td> <td>200</td> <td>200</td> <td>325</td> <td>325</td> <td>325</td>	Tank III	1	200	200	200	325	325	325
ECO filters I/II	Still 1/II		800					1120/780
Operating load max. (steam-heated)         (steam-heated)         (steam-heated)           - with CONSORBA         kW         13.6         13.6         13.6         17.4         17.4         17.4           - without CONSORBA         kW         12.5         12.5         12.5         14.8         14.8         14.8           Still capacity: (1st/2nd still)         1564         l/h         300         - 300/120	ECO filters I/II	1						_
- without CONSORBA	Operating load max.							
Still capacity: (1st / 2nd still) D 564	– with CONSORBA	kW	13.6	13.6	13.6	17.4	17.4	17.4
(1st/2nd still) D564	– without CONSORBA	kW	12.5	12.5	12.5	14.8	14.8	14.8
D564 with additional heating I/h								
D5.100 (for more than one shop machine)    //h	D564	I/h	300		300/120			
one shop machine)         I/h         1100         -         -         1100         -           D5.100 (for more than one indust, machine)         I/h         -         -         1100/500         -         -         1100/5           Machine dimensions: (without safety trough)         -         -         1100/500         -         -         1100/5           Length         mm         3210         2260         3150         3430         2400         34           Width         mm         1890         1890         1890         1870         1750         18           Height of D5.100 (for multiple machine installations)         mm         -         -         2920         -         -         29           Dimensions dismantled (max):         mm         -         -         2920         -         -         29           Width         mm         1590         1590         1700         1700         17           Height without solvent         -         -         290         -         -         29           Weight with cONSORBA         kg         2850         2050         3050         3700         2700         47           -         with CONSORBA	D 564 with additional heating	l/h			450/120	450		450/120
D5.100 (for more than one indust, machine)								
one indust. machine)         I/h         -         -         1100/500         -         -         1100/5           Machine dimensions: (without safety trough)		I/h	1100			1100		
(without safety trough)         Length       mm       3 210       2 260       3 150       3 430       2 400       3 4         Width       mm       1 890       1 890       1 890       1 870       1 750       1 8         Height       mm       2 630       2 630       2 630       2 680       2 680       2 6         Height of D 5.100 (for multiple machine installations)       mm       -       -       2 920       -       -       2 9         Width       mm       1 590       1 590       1 700       1 700       1 7         Height       mm       2 300       2 300       2 300       2 250       2 250       2 2         Weight without solvent       -       -       2 850       2 050       3 050       3 700       2 700       4 7         - with CONSORBA       kg       3 050       2 250       3 250       4 000       3 000       50         Weight with solvent       -       -       2 780       4 350       5 170       3 700       6 7         - with CONSORBA       kg       4 350       2 980       4 550       5 470       4 000       70         Floor loading (static + dynamic)       -       <		I/h	-	-	1100/500			1100/500
Length       mm       3210       2260       3150       3430       2400       34         Width       mm       1890       1890       1890       1870       1750       18         Height       mm       2630       2630       2630       2680       2680       26         Height of D5.100 (for multiple machine installations)       mm       -       -       2920       -       -       29         Dimensions dismantled (max):       mm       -       -       2920       -       -       -       29         Width       mm       1590       1590       1590       1700       1700       17         Height without solvent       -       -       2300       2300       2300       2250       2250       22         Weight with solvent       -       -       2850       2050       3050       3700       2700       47         - with CONSORBA       kg       4150       2780       4350       5170       3700       67         - with CONSORBA       kg       4350       2980       4550       5470       4000       70         Floor loading (static + dynamic)       100       100       100       1								
Height       mm       2630       2630       2630       2680       27800       1790       1700		mm	3210	2260	3150	3430	2400	3430
Height       mm       2630       2630       2630       2680       2780       1790       1700	Width	mm	1890	1890	1890	1870	1750	1870
machine installations)         mm         -         -         2920         -         -         29           Dimensions dismantled (max):         Width         mm         1590         1590         1700         1700         17           Height         mm         2300         2300         2300         2250         2250         22           Weight without solvent         -         with CONSORBA         kg         2850         2050         3050         3700         2700         47           - with CONSORBA         kg         3050         2250         3250         4000         3000         50           Weight with solvent         -         without CONSORBA         kg         4150         2780         4350         5170         3700         67           - with CONSORBA         kg         4350         2980         4550         5470         4000         70           Floor loading (static + dynamic)         Static + dynamic)         300	Height	mm	2630	2630	2630	2 680	2680	2 680
Dimensions dismantled (max):  Width mm 1590 1590 1590 1700 1700 17  Height mm 2300 2300 2300 2250 2250 22  Weight without solvent - without CONSORBA kg 2850 2050 3050 3700 2700 47 - with CONSORBA kg 3050 2250 3250 4000 3000 50  Weight with solvent - without CONSORBA kg 4150 2780 4350 5170 3700 67 - with CONSORBA kg 4350 2980 4550 5470 4000 70  Floor loading (static + dynamic)					2020			
Width         mm         1590         1590         1590         1700         170         17           Height         mm         2300         2300         2300         2250         2250         22           Weight without solvent – without CONSORBA         kg         2850         2050         3050         3700         2700         47           - with CONSORBA         kg         3050         2250         3250         4000         3000         50           Weight with solvent – without CONSORBA         kg         4150         2780         4350         5170         3700         67           - with CONSORBA         kg         4350         2980         4550         5470         4000         70           Floor loading (static + dynamic)         100         <					2920			2920
Height         mm         2300         2300         2300         2250         2250         22           Weight without solvent – without CONSORBA         kg         2850         2050         3050         3700         2700         47           - with CONSORBA         kg         3050         2250         3250         4000         3000         50           Weight with solvent – without CONSORBA         kg         4150         2780         4350         5170         3700         67           - with CONSORBA         kg         4350         2980         4550         5470         4000         70           Floor loading (static + dynamic)         4350         2980         4550         5470         4000         70			1590	1590	1590	1700	1700	1700
Weight without solvent - without CONSORBA kg 2850 2050 3050 3700 2700 47 - with CONSORBA kg 3050 2250 3250 4000 3000 50  Weight with solvent - without CONSORBA kg 4150 2780 4350 5170 3700 67 - with CONSORBA kg 4350 2980 4550 5470 4000 70  Floor loading (static + dynamic)								2250
- with CONSORBA       kg       3050       2250       3250       4000       3000       50         Weight with solvent - without CONSORBA       kg       4150       2780       4350       5170       3700       67         - with CONSORBA       kg       4350       2980       4550       5470       4000       70         Floor loading (static + dynamic)       Floor loading (static + dynamic)       4350       2980       4550       5470       4000       70								
Weight with solvent - without CONSORBA kg 4150 2780 4350 5170 3700 67 - with CONSORBA kg 4350 2980 4550 5470 4000 70  Floor loading (static + dynamic)								4700
- without CONSORBA       kg       4150       2780       4350       5170       3700       67         - with CONSORBA       kg       4350       2980       4550       5470       4000       70         Floor loading (static + dynamic)       (static + dynamic)       3700       67	- With CONSORBA	kg	3 0 5 0	2 2 5 0	3 2 5 0	4000	3000	5 0 0 0
<ul> <li>with CONSORBA</li> <li>kg</li> <li>4350</li> <li>2980</li> <li>4550</li> <li>5470</li> <li>4000</li> <li>70</li> <li>Floor loading (static + dynamic)</li> </ul>							The second second	
Floor loading (static + dynamic)								6700
(static + dynamic)	– with CONSORBA	kg	4350	2980	4550	5470	4000	7000
- WILLIOU CONSONDA 19/11 14300 17/030 13/00 18/300 23/300 19/0	(Static + dynamic)	N/m²	14,000	17050	15.600	10500	22.500	10,000
								19000 19600

Subject to changes



BÖWE-PASSAT Reinigungs- und Wäschereitechnik GmbH Rumplerstr. 2 · D-86159 Augsburg Tel. 08 21/57 07-0 · Fax 08 21/57 07-351 · Telex 5 36 480 boe d