

Laundry machines Business and Industry





Top quality means long lifetimes

Laundry solutions from Schulthess for businesses and industry are designed to cope with large volumes: they can withstand high usage rates and strike they offer guaranteed 24-hour operation – and at the same time, they meet the very strictest standards for hygiene and disinfection. The key features of these machines are

low consumption figures, exceptional resilience and high quality. Professional countrywide customer service with over 100 employees is the perfect complement to our offering for the professional sector. That is why Schulthess is the leading Swiss supplier of washing equipment.

Made in Switzerland



Our decades of experience and intensive research and development activities ensure that we can continue to pioneer with our products. The result is clear: efficient, high-quality machines with proverbial

long lives. Our modern technologies and innovative laundry machines make day-to-day activities easier in the professional industry – you can count on that.

Laundry professionals wash with Schulthess machines – number 1 in Switzerland

Schulthess laundry solutions are built to meet the demanding requirements of commercial and industrial applications, and they have been tested for 30 000 cycles – equivalent to a lifetime of 20 years. All our machines are easy to operate, economical to use, and boast excellent process reliability

Easy to operate

Convincing features of Schulthess washing machines include intuitive user guidance and a host of helpful details such as generously dimensioned doors with wide opening angles, and clear self-explanatory displays. The PC interface – and now the new USB interface – together with the related programme expansion options mean that Schulthess washing machines are fully prepared to meet future challenges, and they can be adapted to individual needs.

23 different languages at the push of a button

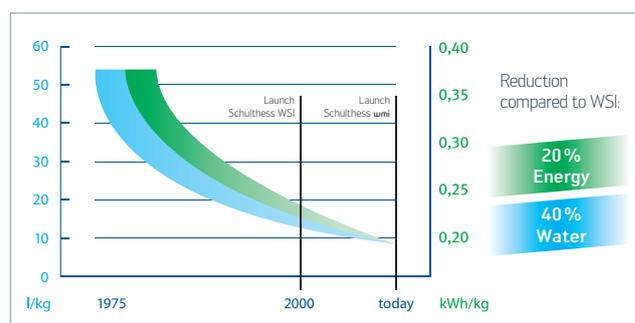
Schulthess is international – you can see that in our products. Schulthess laundry machines can speak as many as 23 languages. The desired language is selected at the push of a button.

High availability

Schulthess machines are developed and designed for long operating periods and high availability. Features include robust bearings, strong shock absorbers and maintenance-free, frequency-converted asynchronous motors.

Economical consumption rates

Gentle on the laundry – and kind to the environment: Schulthess laundry solutions are designed to maximise efficiency while slashing operating costs to the minimum – as proven by their low consumption rates for power, water and detergent.



Water and power consumption of Schulthess industrial machines since 1975

Environment-friendly

As well as holding the ISO 9001 quality management certification, Schulthess is also certified as per the ISO 14001 environmental management standard, and our firm is a member of the voluntary active CO₂ reduction programme operated by the Energy Agency Swiss Private Sector (EnAW). Schulthess machines are developed and produced in line with ecological criteria at Wolfhausen in Switzerland.

Complies with machine directives

All Schulthess laundry machines **comply with 2006/42/EC Machinery Directive**, which defines comprehensive safety requirements for industrial machinery. This minimises the increased hazard potential in the industrial laundry sector and ensures that operating staff benefit from comprehensive protection during their daily work.

Schulthess offers informative seminars and conferences throughout the year: www.schulthess.ch/en/seminars

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Number.1

As Switzerland's leading supplier of laundry machines to business and industry, Schulthess is familiar with the demanding standards that this equipment has to meet day after day, under the harshest conditions: typical requirements include large laundry volumes, high usage rates and 24-hour operation, as well as strict hygiene and disinfection specifications.

Solutions for every sector

Schulthess knows the special requirements of laundry services – alongside a varied selection of professional programmes, we offer support with setting up laundry systems and we can assist with cost estimation, planning and set-up for in-house laundries.

User-specific programmes

Schulthess' profiClean programmes have been developed to meet the requirements and expectations of a varied range of users. Thanks to as many as 72 programmes, the right setting is available for every environment:

- senior citizens residences, retirement and nursing homes, assisted living facilities
- hotels, pensions, restaurants
- hospitals
- fire departments and rescue services
- building cleaning services
- industrial businesses such as bakeries, butchers' shops, hair salons, garages
- laundries and textile cleaners
- saunas, sports clubs, fitness and wellness centres
- physiotherapy and medical massage practices
- launderettes and campsites
- livery stables and riding centres
- industry (e.g. manufacturers of bags and accessories)

Learn more about our businesses and industry references:

www.schulthess.ch/en/references



Advice and support all the way through to start-up

Schulthess sets up many laundry systems every year. The know-how we have accumulated in this way can also benefit you. While your project is still at an early stage, talk with our experts about your requirements, your operating environment and your physical surroundings, and your target requirements. Schulthess will offer you professional support at every stage – from evaluation and planning all the way through to start-up.



Advice on in-house laundries

Independence, speed and washing that protects the fabrics: these are just a few of the reasons why hotels, restaurants, care homes and industrial businesses prefer to wash their own laundry. Major savings can be achieved by setting up a new laundry facility. An accurate needs analysis is an essential requirement. The advisors at Schulthess will be glad to calculate how much you will save by optimising your laundry operations.

You'll find more information in our brochure: «Your own laundry» (German, French, Italian only). To download the brochure: www.schulthess.ch/en/brochure/own-laundry

Would you like a cost estimate, without obligation?
Simply email us at: sales@schulthess.ch.

New line: industrial wmi

Intelligent and economical, with USB interface

Our new Spirit industrial wmi generation of washing machines will improve professional laundry work thanks to cutting-edge intelligent technology and optimised environment-friendly values. With the new USB interface, wash programmes can be loaded quickly and easily and are available for use right away.

Read more on page 20

Swissmade 

Laundry care for challenging fabrics

The special wetClean programmes on Schulthess washing machines and industrial dryers are designed to cope with the characteristics of difficult-to-clean fabrics: they use eco-friendly liquid detergents to ensure that the laundry is cleaned gently and carefully.

Gentle laundry care

As its name suggests, wetClean is based on a wet cleaning process that is specifically designed to cope with delicate modern textiles. When water is combined with the use of environment-friendly liquid detergents and additives, it is ideal for removing dirt. The value and quality of the fabrics are preserved, and they are hygienically clean.

Versatile programmes

In retirement or nursing homes, restaurants and hotels, hospitals and fire departments – the Schulthess wetClean programmes are designed to ensure thorough cleaning of virtually any type of fabric or clothing. Examples include outer wear, uniforms, breathable athletic wear and raingear, duvets, difficult-to-clean hospital or nursing home laundry with particularly stringent hygiene and disinfection require-



ments, protective clothing for fire service staff, professional apparel and much more besides. A variety of options means that the process can be precisely tailored to the user's individual needs.

Longer fabric lifetimes

Low energy and water consumption rates contribute to maintaining the ecological balance. The wetClean process protects fabrics and preserves their value and quality, leading to longer useful lifetimes and lower procurement costs.

A perfect team

wetClean delivers even more convincing results in tandem with a drying sequence that is perfectly matched to the programme. The full potential of this process comes into play when washing machines and laundry dryers are combined. wetClean drying is the ideal way of preparing laundry for the finishing stage. Creasing is minimal thanks to item specific processes and special equipment, reducing ironing cost to a minimum.

Learn more about wetClean and its many benefits at our wetClean events: www.schulthess.ch/en/seminars

Take advantage of Schulthess wetClean

wetClean 4.0 – ingeniously simple

This new wet cleaning process is ingeniously simple: almost all materials can be cleaned in one batch, you no longer need to sort by fibre type or material composition. The process is suitable even for leather and highly sensitive textiles. Each batch uses 60% of the drum volume, which affects the process time: clean, dry and finish in just 1 hour.

- All-in-one: washing, drying and wetCleaning – perfectly coordinated
- All Schulthess commercial washing machines and dryers offer the wetClean process from 8 kg load
- Connection available for up to 14 dosing pumps
- Special wetCleaning programmes are included in the basic versions of wmi washing machines and proLine dryers to wash and dry various types of textiles
- Special wetClean programmes for industrial dryers starting at drum capacity of 10 kg, to deliver maximum fabric protection and crease-free finish; electronic/sensor-controlled drying temperatures ensure precise and stable temperatures, even at low settings
- Wide range of options: integrated recovery tank (e.g. impregnation of protective clothing) for wmi industrial washing machines, programme expansion module for topLine and proLine washing machines

Schulthess hygienically clean fabric disinfection

The new disinfection programmes from Schulthess – the leading manufacturer in the textile disinfection segment – guarantee that your laundry is clean and free of germs. A new temperature control feature ensures that individual programming is safe and reliable.

Disinfecting correctly

Delicate fabrics such as outerwear or woollens can be washed and disinfected at processing temperatures as low as 40 °C with effective treatment times of just 20 minutes, in combination with detergents listed by the RKI (Robert Koch Institute) or VAH (Association for Applied Hygiene). Schulthess disinfection programmes are ideal for use in retirement and nursing homes, hotels and restaurants, saunas and wellness facilities, and by clinics, building cleaning services, fire departments, rescue services and other service business and commercial operations. All washing machines of our Spirit topLine, proLine and Spirit industrial wmi washing machines are equipped with disinfection programmes.



The disinfection function is available on all Schulthess washing machines.



Disinfection at the touch of a button

The Disinfect button on our topLine and proLine washing machines makes it simple to operate our disinfection programmes.

Effective – confirmed!

Schulthess machines offer precise temperature control and hold times with guaranteed bath ratios of 1:5, and they ensure that the disinfection process is completed after the main wash cycle. The effectiveness of these programmes was tested and confirmed by the wfk Institute for Applied Research in Krefeld, Germany. All thermally and chemothermally disinfecting washing processes in Schulthess washing machines (8 to 30 kg) conform to the standards of the Association for Applied Hygiene and the Robert Koch Institute.



Take advantage of Schulthess disinfection programmes

Schulthess disinfection programmes conform to the guidelines of the Association for Applied Hygiene (VAH) and the Robert Koch Institute (RKI)

- 40 °C outerwear, including prewash (20 minutes at 40 °C / 1:5 / VAH)
- 60 °C coloureds, including prewash (20 minutes at 60 °C / 1:5 / VAH)
- 90 °C boil wash, including prewash (15 minutes at 85 °C / 1:4.5 / VAH)
- 60 °C cleaning mops, including prerinse (20 minutes at 60 °C / 1:5 / VAH)
- 70 °C cleaning mops, including prerinse (10 minutes at 70 °C / 1:5 / VAH)
- 40 °C coloureds, without prewash (20 minutes at 40 °C / 1:5 / RKI)
- 60 °C coloureds, without prewash (20 minutes at 60 °C / RKI)
- 90 °C boil wash, without prewash (15 minutes at 85 °C / RKI)
- 40 °C / 60 °C duvets and pillows
- 40 °C / 60 °C / 70 °C / 90 °C cleaning mops, including prerinse

topLine pro • Washing and Drying



topLine pro 8940

- Load capacity: 7kg
- Large 4.3" colour display
- Drum vanes for 3D-Washing
- Drum capacity: 60l
- Spin speed: 1600 rpm
- g factor 690
- Residual moisture 43%
- With drain valve or drain pump
- Language selection button
- profiClean programme button
- 94 profiClean and 24 freely programmable slots
- USB-interface for PC software
- Door hinge right or left

topLine pro 9240

- Load capacity: 8kg
- Large 4.3" colour display
- Drum vanes for 3D-Washing
- Drum capacity: 70l
- Spin speed: 1600 rpm
- g factor 690
- Residual moisture 43%
- With drain valve or drain pump
- Language selection button
- profiClean programme button
- 94 profiClean and 24 freely programmable slots
- USB-interface for PC software
- Door hinge right or left
- Anthracite or chrome steel finish



topLine pro TA 9340

- Load capacity: 8 kg
- Large 4.3" colour display
- Drum capacity: 150l
- LED drum lighting
- Exhaust air system
- Electronically and time-controlled drying programmes
- Residual moisture measurement
- Language selection button
- Door hinge right or left
- Anthracite or chrome steel finish

topLine pro TC 9350

- Load capacity: 8 kg
- Large 4.3" colour display
- Drum capacity: 150l
- LED drum lighting
- Condensation system
- Electronically and time-controlled drying programmes
- Residual moisture measurement
- Language selection button
- Door hinge right or left
- Anthracite or chrome steel finish

topLine pro TW 9360

- Load capacity: 8 kg
- Large 4.3" colour display
- Drum capacity: 150l
- LED drum lighting
- Condensation system with heat pump
- Electronically and time-controlled drying programmes
- Residual moisture measurement
- Language selection button
- Door hinge right or left
- Anthracite or chrome steel finish



Spirit proLine WEI 9080

- Load capacity 8 kg
- Gentle drum
- Drum capacity 80 l
- Spin speed 1100 rpm
- g factor 375
- Residual moisture 49 %
- 60 profiClean programmes (including wetClean programmes)
- With drain valve or drain pump

Spirit proLine WEI 9130

- Load capacity 13 kg
- Gentle drum
- Drum capacity 130 l
- Spin speed 1100 rpm
- g factor 419
- Residual moisture 48 %
- 60 profiClean programmes (including wetClean programmes)
- With drain valve

Spirit proLine WEI 9100

- Load capacity 10 kg
- Gentle drum
- Drum capacity 100 l
- Spin speed 1000 rpm
- g factor 310
- Residual moisture 53 %
- 60 profiClean programmes (including wetClean programmes)
- With drain valve or drain pump

Spirit proLine WEI 9160

- Load capacity 16 kg
- Gentle drum
- Drum capacity 160 l
- Spin speed 1050 rpm
- g factor 382
- Residual moisture 50 %
- 60 profiClean programmes (including wetClean programmes)
- With drain valve

Spirit proLine WEI 9120

- Load capacity 12 kg
- Gentle drum
- Drum capacity 120 l
- Spin speed 800 rpm
- g factor 200
- Residual moisture 56 %
- 60 profiClean programmes (including wetClean programmes)
- With drain valve or drain pump



Spirit industrial wmi 100

- Load capacity 10 kg
- Gentle drum
- Drum capacity 100 l
- Spin speed 1150 rpm
- g factor 458
- Residual moisture 46 %
- Freely programmable microprocessor control
- 72 profiClean programmes
- 12 wetClean programmes and 10 disinfection programmes including 76 free programme positions
- USB interface
- 5 detergent dosing containers

Spirit industrial wmi 130

- Load capacity 13 kg
- Gentle drum
- Drum capacity 130 l
- Spin speed 1100 rpm
- g factor 419
- Residual moisture 48 %
- Freely programmable microprocessor control
- 72 profiClean programmes
- 12 wetClean programmes and 10 disinfection programmes including 76 free programme positions
- USB interface
- 5 detergent dosing containers

Spirit industrial wmi 160

- Load capacity 16 kg
- Gentle drum
- Drum capacity 160 l
- Spin speed 1050 rpm
- g factor 382
- Residual moisture 50 %
- Freely programmable microprocessor control
- 72 profiClean programmes
- 12 wetClean programmes and 10 disinfection programmes including 76 free programme positions
- USB interface
- 5 detergent dosing containers



Spirit industrial wmi 220

- Load capacity 22 kg
- Gentle drum
- Drum capacity 220 l
- Loading opening Ø 450 mm
- Spin speed 1000 rpm
- g factor 447
- Residual moisture 46 %
- Freely programmable microprocessor control
- 72 profiClean programmes
- 12 wetClean programmes and 10 disinfection programmes including 76 free programme positions
- USB interface
- 5 detergent dosing containers

Spirit industrial wmi 300

- Load capacity 30 kg
- Gentle drum
- Drum capacity 300 l
- Loading opening Ø 450 mm
- Spin speed 950 rpm
- g factor 403
- Residual moisture 48 %
- Freely programmable microprocessor control
- 72 profiClean programmes
- 12 wetClean programmes and 10 disinfection programmes including 76 free programme positions
- USB interface
- 5 detergent dosing containers



Spirit proLine TRI 9250

- Load capacity 10 kg
- Stainless steel drum
- Drum capacity 231 l
- Exhaust air system with heat recovery
- Residual moisture measurement
- 10 wetClean programmes
- Hourly capacity up to 20.7 kg
- Door hinge right or left

Spirit proLine TRI 9550

- Load capacity 22 kg
- Stainless steel drum
- Drum capacity 508 l
- Exhaust air system with heat recovery
- Residual moisture measurement
- 10 wetClean programmes
- Hourly capacity up to 42.5 kg
- Door hinge right or left

Spirit proLine TRI 9375

- Load capacity 15 kg
- Stainless steel drum
- Drum capacity 347 l
- Exhaust air system with heat recovery
- Residual moisture measurement
- 10 wetClean programmes
- Hourly capacity up to 29 kg
- Door hinge right or left

Spirit proLine TRI 9750

- Load capacity 30 kg
- Stainless steel drum
- Drum capacity 690 l
- Exhaust air system with heat recovery
- Residual moisture measurement
- 10 wetClean programmes
- Hourly capacity up to 58 kg
- Door hinge right or left

Professional washing of smaller loads



In the businesses and industry sector, laundry has to be processed in ever-shorter times. The latest technologies, with optimised utilisation of resources, can deliver excellent results in next to no time.

94 profiClean programmes

In addition to tried-and-tested basic programmes with numerous practical options (prewash, express wash, time preselection and temperature reduction – to name but a few), Schulthess has further expanded the range of professional, segment-specific programmes on topLine pro machines. There are now 94 ProfiClean programmes and 24 free programme slots available.

wetClean 4.0

This new wet cleaning process is ingeniously simple: almost all materials can be cleaned in one batch, you no longer need to sort by fibre type or material composition. The process is suitable even for leather and highly sensitive textiles. Each batch uses 60% of the drum volume, which affects the process time: clean, dry and finish in just 1 hour.

3D-Washing for perfect washing results

The innovative 3D washing drum with 6 vanes guarantees perfect washing results and maximum preservation of your textiles. With its specially shaped and cleverly arranged 3D drum vanes, your Schulthess washes in a new dimension:

The high-precision 3D-Washing process adjusts the washing mechanism individually to the type of laundry, size of load and degree of soiling. Additionally, the newly arranged, improved drum holes guarantee gentle treatment of your favourite items with excellent spin results.



Smart control panel with new features

Simpler than ever and logical – All programmes can be selected quickly and easily in the clearly arranged control panel. The large 4.3-inch colour display is very easy to read and simple to operate. Your most frequently selected programmes now appear in the Favorites list and can be selected at the touch of a button. The new “Half load” function helps you reduce your ecological footprint with reduced water consumption (-20%), reduced energy consumption (-13%) and reduced detergent consumption (-30%) at half load.



Simple language selection

With a single touch of a button, up to 23 different languages can be selected: English, German, Italian, French, Romansh, Portuguese, Spanish, Turkish, Serbo-Croat, etc..

Practical connection for liquid detergent

These models can be fitted with an optional connection for liquid detergent to control up to 8 dosing pumps. Upon request, the pumps are mounted on a special rack (dosing pump rack) installed on the rear of the machine to save space. This eliminates wall mountings and the washing machines can be relocated as needed, regardless of where they are positioned.

Machine plinth with lint filter drawer

To prevent lint from clogging the drainage pipes when washing mop heads, the plinth of the topLine pro washing machines contains a water tank with an integrated lint trap drawer. The drawer is easy to open and the filter can be cleaned with no problems at all.



Easy-to-clean lint trap drawer for mop heads

Extra individual programmes

The topLine pro has an optional USB interface to install up to 24 custom wash programmes. This makes it possible to implement individual laundry solutions geared to special user comfort requirements, efficient sequences and cost-effectiveness criteria.



Technical flexibility thanks to the USB interface

Take advantage of topLine pro washing

- 94 profiClean wash programmes (including wetClean 4.0), catering/hotel operations, retirement/nursing homes, commercial enterprises and building cleaning services/facility management.
- 4 programme families: Homecare, Businesscare, Sportswear and Antibac at 40–90 °C
- New rapid disinfection programmes (short 10, 15 minutes disinfection phase according to Robert Koch Institute, Berlin)
- Additional functions: Express programmes at all temperatures, gentle wash, prewash, laundry disinfection at 40–85 °C, energy-saving, half load, rinsing stop, spin speed reduction, start time preset up to 7 days
- USB interface (optional) for 24 additional customer-specific programmes, liquid detergent dosing for the control of up to 8 dosing pumps, drain valve or pump, space-saving tower set, machine plinth in chrome steel (+35.5 cm) including lint filter drawer in chrome steel (+40 cm)

Rapid drying results for the commercial sector



Users with a high daily throughput of laundry always require rapid drying results. topLine dryers manage large loads of laundry in no time, with minimal creasing and low energy consumption.

Gentle drying

The innovative drum system ensures that the laundry is dried even more gently than before. In addition, 3D drying with automatic reversing guarantees uniform drying results, while Reverse + ensures particularly crease-free and even results.

Minimal space requirements

Thanks to their compact design, topLine pro machines have an exceptionally small footprint. With the stacking kit, washers and dryers can be placed on top of each other in just 0.5 square meters of space.

Easy use

To make loading and unloading the dryer as easy as possible, the door stop can be placed on the left or the right. An opening angle of 180° also facilitates access to the drum. The interactive 4.3-inch colour display ensures simple operation.



Integrated residual moisture measurement

The residual moisture measuring system is installed in the drum system and measures the moisture of the laundry continuously during the drying cycle. The programme automatically shuts off when the selected dryness level is reached.

Quiet operation

The Supersilent noise insulation system installed on professional Schulthess dryers are comfortably quiet when operated.

Just press a button

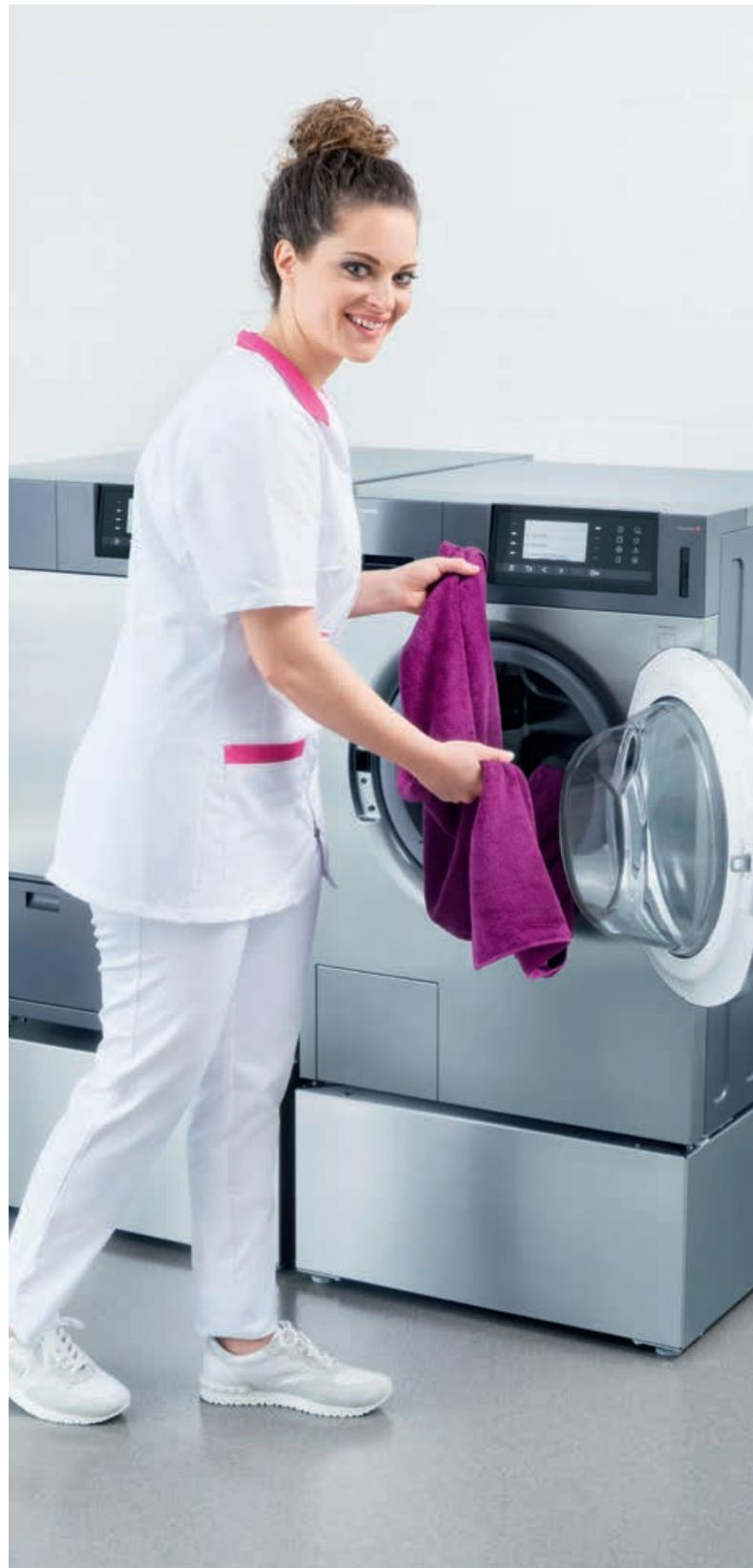
A total of 10 special programmes can be selected using push-buttons. The same is true for language selection buttons: 23 languages ranging from English and Spanish to Polish and Russian.

Take advantage of topLine pro drying

- Tried-and-tested basic programmes, and attractive mixed programmes
- Various special programmes, such as for shirts, blouses, jeans, outdoor clothing, bed linen, terry towels or knitwear, Antibac programmes for hygienic drying and wetClean 4.0 for timed drying 20–30 min.
- Equipment highlights: 4.3-inch colour display, LED drum lighting, filter cleaning indicator on heat pump dryer, air cooler cleaning indicator on condensation dryer, automatic cleaning indicator, integrated, easy-open lint filter in the intake opening, cool-down cycle and automatic crease protection, stacking kit for washing-drying column.
- **topLine pro TA 9340 vented dryer:** 8 kg laundry in just 36 minutes cabinet dry (cotton, 1500 rpm), automatic reversing
- **topLine pro TC 9350 condensation dryer:** 8 kg laundry in just 46 minutes cabinet dry (cotton, 1500 rpm) thanks to large heat exchanger and best energy efficiency, automatic reversing
- **Heat pump dryer topLine pro TW 9360:** 8 kg capacity, excellent energy efficiency, self-cleaning system
- **General features:** sensor-controlled electronic programmes for gentle drying, stainless steel drum with 150 l volume, automatic reversing and crease protection, temperature monitoring

Twin machines for top performance

To make the washing and drying process even more efficient, Schulthess perfectly coordinated the programmes and runtimes of the topLine pro dryers with the topLine pro washing machines.



Efficient programmes and cost-effective operation



The range of wash programmes for different professional users available on our Spirit proLine washing machines has been expanded again to meet industry-specific requirements.

70 programmes

The basic and professional programmes installed as standard include, among others, wetClean for non-washable outerwear, leather items, wedding dresses, duvets, silk, fire protection clothing and first-aid blankets as well as special wash programmes for kitchen linens, incontinence and disinfection laundry, cleaning mops, butchers' aprons, overalls and the autoClean machine self-cleaning programme, and many more besides.

Easy to operate

Spirit proLine washing machines are easy to use with no need for special know-how: rocker buttons with self-explanatory symbols are clearly arranged to guide users through the programmes. A two-line graphic display assists users with programme selection and gives guidance through all phases of the washing process with easy-to-follow instructions and status information in up to 17 languages.



Easy programme selection with user guidance

Practical chrome steel plinth

The modern, elegant chrome steel plinth is an excellent example of the successful combination of design and user-friendliness. Not only does it look good – it also makes filling the washing drum easier.

Powerful gentle-action drum

The gentle-action drum is made of high-grade chrome nickel steel, with up to 15867 funnel-shaped openings. The perforation is finer than on conventional models to guarantee that dirt, germs, detergents and care products are optimally rinsed out – thereby reducing consumption of water, detergent and energy. The large number of perforations increase the efficiency of the entire washing process and are a key factor in delivering excellent washing and rinsing results: fabrics are wetted faster, the washing liquor is turned over more thoroughly, and removal of water at the end of the wash cycle is optimised. Very heavily soiled fabrics such as mops can be cleaned perfectly in this way.



The large gentle-action drum offers plenty of room

Generously dimensioned metal door

The drum is accessible via a solid, generously sized metal door with a 35.5 cm diameter that opens wide at a 130° angle. Thanks to this feature, bulky items such as duvets, curtains and bedspreads can be comfortably loaded and removed from the machine.

100-hour start time preset

Start time preset makes it as efficient as ever. Program machines on Friday evening, and have freshly washed laundry first thing on Monday morning.

Practical detergent loading

Detergent is conveniently loaded at the top of the machine. A total of four compartments are available for prewash and main wash detergent, liquid detergent, and conditioner.



Convenient detergent loading at the top of the machine

Take advantage of **proLine** washing

- 60 profiClean programmes for professional users in restaurants/hotels, retirement/nursing homes, commercial businesses and building cleaners/facility management (FM), wetCleaning and fire brigades
- 10 special programmes: handwash 20 °C, wool 30 °C, impregnation 40 °C, curtains 40 °C, delicates 40 °C, silk 30 °C, shirts + blouses 60 °C, incontinence laundry 95 °C, autoClean, spinning
- Additional functions: express programmes at all temperatures, gentle wash, prewash, disinfect, energy-saver, stop rinse, spin speed reduction, start time preset up to 100 hours ahead of time, **new maintenance indicator for autoClean machine cleaning**
- Optional: PC interface to programme expansion module for 20 additional customised programmes, liquid detergent dosing to control up to 8 dosing pumps, drain pump for models with 8 – 12 kg capacity, machine plinth (WEI 8 – 12 kg: 30.7 cm; WEI 13 / 16 kg: 27.9 cm), power shut-off kit for energy management

Optional:

Individual programme expansion module

The optional programme expansion module allows users to develop their own wash and care programmes customised to meet their needs. User-specific programmes can easily be developed using PC software and downloaded to the machine via the optical PC interface.



PC interface to simplify programming of wash cycles

Additional connection for liquid detergent

A connection for up to eight liquid detergent dosing pumps can be provided upon request. The dosing hoses can be connected directly to the washing machine. Detergent types and quantities can be programmed easily via the machine control.

Innovative technology for professional washing



INNOVATION

The new generation of Spirit industrial wmi washing machines are equipped with a USB interface, simplifying everyday professional washing. Programmes and updates can be loaded conveniently from a USB pen drive for immediate use.

Versatile USB interface

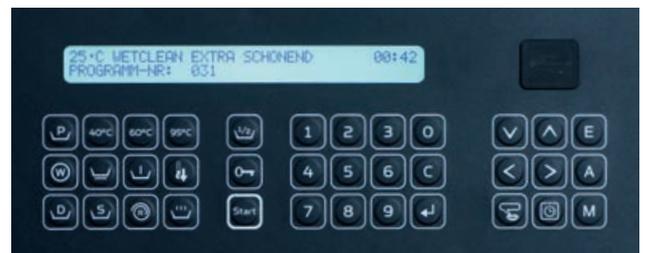
Combined with new professional PC programming software, the USB interface also accommodates the preferences and needs of detergent suppliers' application engineers. Application technology programmes can simply be emailed and transferred independently via USB pen drive to the washing machine, where they can be saved.



USB interface for fast programme updates

72 profiClean programmes

Schulthess offers an extensive selection of up to 72 profiClean programmes for any laundry environment. These programmes are designed to clean virtually any type of fabric and clothing thoroughly and with care. Ideal for retirement and nursing homes, hotels and restaurants, fire departments and rescue services, building cleaning services, hospitals and clinics.



Freely programmable control to meet every need

Minimal maintenance effort

The chrome nickel steel detergent supply system with automatic self-cleaning facilitates machine maintenance because the dosing containers (5 dosing cups for powder and 5 slots for liquid detergents and conditioners) are thoroughly rinsed out. Thanks to the built-in autoClean automatic self-cleaning programme, the machine cleans itself automatically in the shortest possible time.



User-friendly front-operated detergent supply system

Convenient use

All Spirit industrial wmi washing machines are equipped with the **softClose door closure mechanism** so that the machine door can be opened and closed without effort. And to relieve pressure on the back, the machines have an elevated plinth (with integrated lint trap drawer) to make loading and unloading the machine more ergonomic.



The softClose door closure mechanism makes it easier to open and close the door



Machine stand with easy-to-clean lint trap drawer for mop heads

Eco-friendly values

In terms of ecology too, the new generation of Spirit industrial wmi machines has plenty to offer: it saves up to 40 % on water and 20 % on energy as compared to the predecessor WSI models.

Optional:

Economical water recovery system

Spirit industrial wmi machines can be upgraded by adding the innovative water recovery system. Multiple re-use of washing and rinsing water as well as impregnation solution saves energy and water. This system is simple to handle, quickly accessible and is equipped with a display to show when maintenance is needed.



Cost-effective and ecological – the water recovery system

Take advantage of industrial wmi washing

- 72 profiClean programmes for professional users in retirement and nursing homes, hotels and restaurants, fire departments and rescue services, building cleaning services, hospitals and clinics – to mention only a few applications.
- 12 wetClean programmes for difficult-to-clean fabrics
- 10 disinfection programmes with ThermoplusControl temperature control
- 76 free programme positions
- Equipment highlights: USB interface, softClose door closing mechanism, sturdy chrome-steel design, text display, language selection button for up to 17 languages, time preset with calendar, ½-button with adapted process and detergent dosage, superior spinning performance for minimal residual moisture (up to 46 %)
- Optional: water recovery system

Gentle drying



Spirit proLine laundry dryers for the professional industry deliver gentle drying at high speed. In as little as 30 minutes, all your laundry is dry – and energy consumption is minimal.

Quick, gentle fabric cycles

Microprocessors and electronic sensors precisely control the entire program cycle and run times. That is why proline dryers are so efficient.

A wide range of settings

Spirit proLine dryers are equipped with individually adjustable dryness levels, cool-down cycles and crease protection, and they always have the ideal setting for temperature-sensitive delicate fabrics that have completed the wetClean process.

Generous door opening angle

These dryers are designed to make your day-to-day work easier – for example, thanks to the generously dimensioned 53 cm diameter door that opens up to a 180° angle. The door stop can be placed on the left or the right and is adjustable to the requirements of any location. Additional practical details, such as the improved, durable and generously sized lint filter, make maintenance easier than ever.

Professional machine control

The two-line graphic display is a user-friendly feature that also keeps users informed throughout the drying cycle and provides all the necessary instructions clear and explicit.



Simple, clear operation



High-grade stainless steel drum

Integrated heat recovery

Thanks to the integrated heat recovery system and the insulation, the process heat remains in the machine and is not dissipated into the environment. This significantly increases drying efficiency and improves effectiveness. Spirit proLine dryers also have a central connection for fresh or preheated air on the back of the machine.



Heat recovery to boost energy efficiency

Optional:

Heat recovery system

On request, these machines can be combined with heat recovery systems or heat pumps. This option offers economic and ecological benefits by improving the laundry's overall energy balance.

Take advantage of proLine dryers

- Numerous drying programmes for all common fabrics and textiles, from iron-damp to extra-dry
- 10 wetClean programmes with memory function
- Timed programme up to 150 minutes
- Additional functions: gentle drying for temperature-sensitive fabrics; easy care drying, memory function for user-defined initial dampness for ironing machines, individual dryness level

- adjustment, programme status and remaining time display, audio signal at the end of the programme with variable volume setting, programme start preselection up to 100 hours ahead of time
- Optional: possible combinations with heat recovery systems or heat pumps, door hinge on the right, central fresh air connection, machine plinth (+ 18 cm) for TRI 9250 and TRI 9375, power shut-off kit for energy management

Flawless, user-friendly finishing



Clean, fresh and perfectly smooth laundry is the ideal visiting card for any business. Schulthess finishing equipment provide quality and an attractive price-performance ratio.

Large range of professional wet ironing machines

Robust, long-lived, high-performance, fast, user-friendly and safe – Schulthess wet ironing machines are ideal for commercial and industrial use. The range includes machines with roller lengths from 1 to 2.5 m and roller diameters of 25 to 30 cm, as well as larger models with diameters of 37.5 cm or more.



High-quality steel troughs with maximum wrap angles and high applied pressure to deliver perfect wet ironing results

Comfort and safety at work

Schulthess wet ironing machines meet the highest standards for comfort and safety at work. Finger guards, laundry separators and emergency stop switches contribute to maximum safety. Strong extractor blowers enhance the high performance of these machines and create a pleasant in-room climate.

Space-saving set-up

All our wet ironing models offer laundry output from the front (R models) so they can be set up near a wall to save space and can be operated with a reduced staff requirement of just 1–2 employees.

You'll find more information in our brochure

«Professional Ironing Machines». To download the brochure:

www.schulthess.ch/en/brochure/ironing

VEIT ironing products for professional laundries

Schulthess is the exclusive general agent in Switzerland for VEIT ironing products, so we can supply height-adjustable ironing stations that ensure ergonomically correct working postures, ironing boards, finishing dummies, trouser toppers, professional irons and the relevant accessories for perfectly ironed fabrics.



Ironing station

This adjustable suction and blowing ironing station, which occupies a floor area of only 2 m², can be integrated into any operating process with no problems at all. On the special ironing surface, all garments can be processed efficiently and to a high standard.



Multiform finisher

To finish outerwear in all standard sizes, with lengths between 620 and 1420 mm (820–1620 mm with adapter) and hem circumferences between 940 and 1660 mm. Ideal for the requirements of wet cleaning.



Pants Finisher – longitudinal tensioner

For rational, low-cost finishing of short and long pants. Standard features include inside and outside tensioners, anti-stretch for longitudinal tensioning and a strong hot air blower, adding up to an excellent cost-to-benefit ratio.

Working ergonomically and well-organised

Every laundry facility needs the right auxiliary equipment to ensure efficient and hygienic processes. Schulthess offers a wide range of technical aids and equipment for collecting, transporting, weighing and sorting laundry, and for short- and long-term storage:

- Laundry rack cart
- Laundry cart
- Sorting and stacking table
- Flat bed scale
- Clothes stands
- Laundry distribution cart

- Light metal box
- Shelf cart
- Cabinet cart
- Light metal baskets
- Compressors

You'll find more information in our brochure «Laundry accessories» (German, French, Italian only).

To download the brochure: www.schulthess.ch/en/brochure/laundry-accessories

On hand for you 24 hours a day, 7 days a week

Schulthess produces washing machines and dryers of outstanding quality, with proverbially long lifetimes. Our reliable customer service is one of our quality features.

Superb service

Over one hundred qualified service technicians work for Schulthess to assist you throughout Switzerland by carrying out every job quickly and smoothly. They install new machines and they will submit a repair quotation to you for older machines – and they will always be glad to make you an attractive trade-in offer.

Guaranteed reliability

In the first year after purchase, we will remedy all defects and malfunctions caused by material and manufacturing defects free of charge.

Maintenance and warranty extension

With a maintenance agreement or a warranty extension tailored to your needs, we ensure reliable operation and value retention of your equipment even after the ordinary 1-year warranty period has passed.

► Request our service brochure and ask about our customized service solutions – we will gladly put together a suitable quotation for you.

Service hotline 0844 888 222

You can reach our professional customer service team 24 hours a day, 7 days a week. Dial the central customer service number (0844 888 222) or report your fault online at: www.schulthess.ch.

24-hour express service

In apartment blocks and commercial premises, benefit from the Schulthess 24-hour express service. Simply tell us when you want us to come.

Safety-tested

Our certified Schulthess service technicians are experts on the safe operation of washing machines and dryers. After any intervention in the electrical equipment of a machine, they always carry out a safety test (DIN VDE 0701/0702). Machines tested in this way are given a test report and are marked with a quality label.

Worldwide spare parts guarantee

We guarantee that individual components will be fully available for 15 years after you purchase your washing machine. Parts are delivered quickly and reliably throughout the world.

International support

Outside of Switzerland too, we ensure optimal customer support through partnering with qualified local dealers. In case of a claim, your local contact partner will provide immediate and efficient assistance.



Company or brand name		Schulthess		Schulthess	
Type of appliance		Washing machine		Washing machine	
Type or sales description		topLine pro 8940		topLine pro 9240	
Product number					
Model with drain pump (P)		8940.1EPU		9240.1EPU	
Model with drain valve (V)		8940.1EUV		9240.1EUV	
Application features					
Load capacity	max. kg	7		8	
Drum capacity	l	60		70	
Spinning speed	max. rpm	1600		1600	
g factor	g	690		690	
Residual moisture ¹⁾	%	43		43	
Structural design					
Footed appliance with work surface		•		•	
Door hinge ²⁾		r/l/w		r/l/w	
Dimensions					
Height	cm	90		90	
Width	cm	63		63	
Depth including distance from wall	cm	72		72	
Depth with door open (front loader)	cm	116		116	
Height (adjustable)	cm	1		1	
Weight when empty	kg	100		102	
Equipment					
Detergent tank and drum		chrome-nickel steel		chrome-nickel steel	
Loading opening	∅ cm	34 / 180°		34 / 180°	
Automatic door opening		•		•	
Connecting cable	m	1,6		1,6	
Drain					
– Drain hose with benda, only model (P)		m	1,5	1,5	
– Model with drain pump (P)		∅ mm	21	21	
– Model with drain valve (V)		∅ mm	50	50	
Electric power and water supply					
Electrical connection ³⁾					
Voltage / connected loads / fuse		400 V 2 N~ / 50Hz / 4,6kW / 10A 230 V 1 N~ / 50Hz / 2,3kW / 10A		400 V 3 N~ / 50Hz / 4,6kW / 10A 400 V 2 N~ / 50Hz / 4,6kW / 10A 230 V 1 N~ / 50Hz / 2,5kW / 13A 230 V 1 N~ / 50Hz / 2,3kW / 10A	
Water connection					
– Pressure hose G 3/8" with fine filter		m	1,5	1,5	
– Can be connected to cold water / hot water			cold water / hot water 70 °C	cold water / hot water 70 °C	
– Water pressure		bar	1–10	1–10	
Options					
				– Execution in chrome steel	
		– Door hinge left		– Door hinge left	
		– Drain valve or drain pump		– Drain valve or drain pump	
		– USB-interface for PC software		– USB-interface for PC software	
		– RFD-Card-System		– RFD-Card-System	
		– Connection for 8 liquid detergents with dosing pump		– Connection for 8 liquid detergents with dosing pump	
		– Machine plinth		– Machine plinth	
		– Machine plinth with lint trap drawer		– Machine plinth with lint trap drawer	
Safety and service					
Conforms to the European Machinery Directive		2006/42/EC		2006/42/EC	
Country of origin		Switzerland		Switzerland	
Guarantee		1 year		1 year	
Service by		Schulthess Maschinen AG			
Name and address of supplier		Schulthess Maschinen AG, CH-8633 Wolfhausen/ZH			

Explanations:

- Available or yes • Not available or no
- 1) Values determined in the 60°C cotton programme.
- 2) Door hinge: l = left, r = right, w = can be changed
Example: l/w means that the machine is delivered with the door hinge to the left, but the direction of opening can be changed.
- 3) Information on switchover options can be found in the installation instructions, where required.

topLine pro dryers

Company or brand name	Schulthess		Schulthess	Schulthess
Type of appliance	Vented dryer		Condensation dryer	Heat pump dryer
Type or sales description	topLine pro TA 9340		topLine pro TC 9350	topLine pro TW 9360
Product number	9340.1U		9350.1U	9360.1U
Load capacity	max. kg	8	8	8
Structural design				
Stand-alone unit with work surface	•		•	•
Standard unit for washing and drying tower	•		•	•
Door hinge ³⁾	r/l/w		r/l/w	r/l/w
Dimensions⁴⁾				
Height	cm	90	90	90
Width	cm	63	63	63
Depth including distance from wall	cm	83	84	84
Height for built-in installation	cm	90,5	90,5	90,5
Depth with door open	cm	144	146	146
Height (adjustable)	cm	2	2	2
Drying control				
By time selection ⁵⁾	•		•	•
Automatic by electronic moisture detection ⁶⁾	•		•	•
System and Equipment				
Drying technology	Air extraction system		Air condensation system	Condensation system with heat pump
Programme time display	•		•	•
Automatic door opening	•		•	•
Loading opening	cm	front, Ø 36 / 31 / 180°	front, Ø 36 / 31 / 180°	front, Ø 36 / 31 / 180°
LED drum lighting	•		•	•
Connecting cable	m	1,5	1,5	1,5
Outlet hose	m	–	2 / Ø 22 mm	2 / Ø 22 mm
Condensate drainage in container / Drainage direct	–		•	•
Exhaust air duct	Ø 100 mm, 90°-angle adapter		–	–
Maximum drain height	m	–	1	1
Exhaust hose Ø 100 mm	m	2	–	–
Power supply – Electrical connection⁷⁾				
Voltage	V	400 V 3N~ / 400 V 2N~ / 230 V 1N~	400 V 3N~ / 400 V 2N~ / 230 V 1N~	400 V 2N~
Connected values	kW	5,9 / 4,4 / 2,2	5,1 / 3,7 / 2,3	3,4
Fuse protection	AT	10 / 10 / 10	10 / 10 / 10	10
Safety and service				
Conforms to the European Machinery Directive	2006/42/EC		2006/42/EC	2006/42/EC
Country of origin	Switzerland		Switzerland	Switzerland
Guarantee ⁸⁾	1 year		1 year	1 year
Service by	Schulthess Maschinen AG			
Name and address of supplier	Schulthess Maschinen AG, CH-8633 Wolfhausen/ZH			

Explanations:

– Available or yes • Not available or no

3) Door hinge: l = left, r = right, w = can be changed

Example: l/w means that the machine is delivered with the door hinge to the left, but the direction of opening can be changed.

4) The stated dimensions are minimum dimensions for the niche where the machine is built in. Further dimensions can be found in the dimension sheets.

5) Set the degree of drying according to the laundry items, as shown in the operating instructions.

6) Degree of drying is maintained automatically.

7) Information on switchover options can be found in the installation instructions, where required.

8) Outside Switzerland: 1 year

Spirit industrial wmi washing machines

Company or brand name	Schulthess	Schulthess	Schulthess	Schulthess	Schulthess
Type of appliance	Washing machine	Washing machine	Washing machine	Washing machine	Washing machine
Type of sales description	Spirit industrial wmi 100	Spirit industrial wmi 130	Spirit industrial wmi 160	Spirit industrial wmi 220	Spirit industrial wmi 300
Product no.	9676.1	9677.1	9678.1	9679.1	9680.1
Washing machine					
Load capacity / dry washing 1:10	kg	10	13	16	22
Drum volume	l	100	130	160	220
Infinitely variable speed	rpm	30 – 1150	30 – 1100	30 – 1050	30 – 1000
g force	g	458	419	382	447
Residual moisture ¹⁾	%	46	48	50	46
Program duration cold water connection ²⁾	min	55	55	55	57
Program duration hot water connection 70°C ²⁾	min	48	48	48	49
Electrical Installation					
Voltage	V	400 3 N~ / 50 Hz	400 3 N~ / 50 Hz	400 3 N~ / 50 Hz	400 3 N~ / 50 Hz
Connected rating	kW	11,8	14,9	18	26
Electrical heating	kW	11,4	14,5	17,6	25,5
Motor	kW	1,1	1,1	1,1	4
Reduced connected rating electrical heating ³⁾	kW	7,6	7,6	8,8	13,4
Fuse rating	AT	20 (16 ³⁾)	25 (16 ³⁾)	32 (16 ³⁾)	40 (32 ³⁾)
Voltage for steam heating	V	230 1N~ / 50 Hz	230 1N~ / 50 Hz	230 1N~ / 50 Hz	400 3N~ / 50 Hz
Fuse rating for steam heating	AT	16	16	16	32
Heating Installation (steam)					
Connected ratings	kg/h	18 – 21	23 – 26	27 – 31	40 – 45
Connection	inches	3/4	3/4	3/4	3/4
Pressure (overpressure)	min. bar	0,6	0,6	0,6	0,6
	max. bar	13	13	13	13
Plumbing Installation					
Water pressure: by the customer	MPa	0,3 – 1 (3 – 10bar)	0,3 – 1 (3 – 10bar)	0,3 – 1 (3 – 10bar)	0,3 – 1 (3 – 10bar)
Cold water inlet, hard 3/4"	l/min	15 – 31	15 – 31	15 – 31	15 – 31
Cold water inlet, soft, from softener 3/4"	l/min	15 – 31 ⁴⁾	15 – 31 ⁴⁾	15 – 31 ⁴⁾	15 – 31 ⁴⁾
Hot water inlet from central water boiler max. 70 °C 3/4"	l/min	15 – 31	15 – 31	15 – 31	15 – 31
Drain line (outer)	Ø mm	75	75	75	75
Drain throughput (drain valve)	max. l/min	260	260	260	260
Details for shipping/planning purposes					
Width of machine	mm	887	887	887	1078
Depth of machine	mm	788	903	1003	905
Height of machine	mm	1376	1376	1376	1572
– including base (option)	mm	1655	1655	1655	1792
Filling height	mm	521	521	521	601
– including base (option)	mm	800	800	800	821
Filling opening	mm	355	355	355	450
Weight of machine	kg	334	348	364	625
Operating weight (incl. water + laundry)	kg	389	420	452	746
Soil bearing (static)	kg/m ²	691	633	603	906
Shipping weight	kg	366	388	406	665
Packed cubage	m ³	0,95	1,16	1,16	2,1
Options					
		– Direct steam heating			
		– Indirect steam heating			
		– Combination electric/direct steam heating			
		– Machine plinth in chrome steel for 800 mm filling height		Machine plinth for 821 mm filling height	
		– Machine plinth with lint trap drawer (wmi 130 / wmi 160)			
		– Water recovery (wmi 100 / wmi 130 / wmi 160)			
		– Connection for up to 14 liquid detergent dosing pumps			
Safety and service					
Complies with Swiss safety regulations		electrosuisse-tested	electrosuisse-tested	electrosuisse-tested	electrosuisse-tested
Complies with the European Machinery Directive		2006 / 42 / EC	2006 / 42 / EC	2006 / 42 / EC	2006 / 42 / EC
Guarantee		1 year			
Service provided by		Schulthess Maschinen AG			
Manufacturer's name and address		Schulthess Maschinen AG, CH-8633 Wolfhausen/ZH			
Country of origin		Switzerland			

Explications:

- 1) Cotton fabrics (175g/m²) following ISO 9398-4
- 2) 60 °C wash cycle
- 3) Variant: reduced heating output with hot water connection min. 55 °C.
This can produce a prolongation of the programme.
- 4) 2 inlets to connect

Control Panel Washing Machines

-  profiClean programmes, incl. wool / handwash, etc.
-  Special programmes, wool, etc.
-  profiClean programmes
-  Coloureds 20 °C
-  Coloureds 40 °C
-  Coloureds 60 °C
-  Boil wash 95 °C
-  Delicates / easy care
-  Express
-  Add detergent while machine is in operation
-  **Start** On / Off button
-  Language selection
-  Time preset
-  Spin speed / stop rinse
-  Reduce temperature
-  Prewash
-  Time preset with calendar function
-  Disinfect
-  Disinfect
-  Quick cycle
-  Open door
-  PC interface

Washing machine features

-  wetClean
-  Disinfect
-  USB interface
-  PC interface
-  Liquid detergent
-  profiClean programmes
-  profiClean-Pro programmes
-  Freely programmable microprocessor control system
-  Tested for 30 000 cycles

Control Panel Dryers

	Special programmes
	Iron-damp
	Lightly dry
	Cupboard-dry
	Extra-dry
	Delicates / easy care
	wetClean
	Ironing machine-dry 1
	Ironing machine-dry 2
	Select time
Start	Start programme
	Language selection
	Time preset
	Crease protection
	Gentle dry
Mix	Mixed programme
	Quick cycle
	Open door

Dryer features

	wetClean
	Heat recovery
	Drum lighting
	Special programmes
	Mixed programme
	Tested for 30 000 cycles

**We will be happy to assist you.
Simply give us a call or send us an email.**

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