

# Schulthess knows a thing or two about innovation

More than one hundred years of experience and the willingness to respond to market changes with innovative products and methods have made the Swiss company Schulthess one of the most technologically advanced suppliers of washing machines and tumble dryers.

Our machines are made exclusively at our site in Wolfhausen (half an hour from the business centre of Zurich) in state-of-the-art and continuously updated production plants. Schulthess products are supplied to more than 40 countries throughout Europe and overseas and around the world; we are certified to ISO 9001 Quality Management and Environmental Management ISO 14001.



DISTRIBUTED BY:

For further details refer to instructions supplied with the machine, installation specification sheets or your Schulthess distributor.  
Due to continuous product improvements, design and specifications are subject to change without notice.



Schulthess Maschinen AG



# 6.5kg washing machines and tumble dryers



# Better washing . . .



## EASE OF OPERATION IS ACCORDED TOP PRIORITY

With the Spirit topline models everything has been thought of to ensure flawless operation. The operating panel is simply and clearly arranged. The program selector buttons follow the logic of the wash sequence: at the bottom the large buttons for the main programs, at the top the supplementary programs. An LED alongside each touch control confirms all commands entered and lets users know unmistakably where they are in the program selection. A program and residual time display shows how long the selected program still has to run. This means that clarity is ensured, even in the absence of the operating instructions.

## POWERFUL AND (ALMOST) IMMUNE TO WEAR

The heart of a washing machine is the motor. Every one of the new Schulthess models is equipped with a frequency-controlled asynchronous AC motor with the smoothest possible running qualities. The motor has no wearing parts, giving a markedly longer service life. A special soft bearing and elastic drive belts ensure exceptionally quiet operation and minimal vibration. What is more, being an asynchronous motor with a high efficiency, it has a beneficial effect on energy consumption.



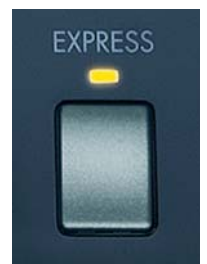
## UP-TO-THE-MINUTE PROGRAMS

The Spirit topline – appliances are equipped with a comprehensive selection of programs. In addition to all standard programs and program options (such as prewash, intensive wash, pre-set starting time up to 20 hours in advance, temperature reduction, etc.) these washing machines also offer a handwash program for delicate and precious textiles such as wool, angora, cashmere and silk. When the clothes are removed from the machine, they feel as though washed by hand.

The 6156 model complies with HSG (95)18 and the requirements of the Care Standards Act where applicable - all models are fitted with a Type 'A' Airgap for mains water connection.

## TIME-SAVING COMES AS STANDARD

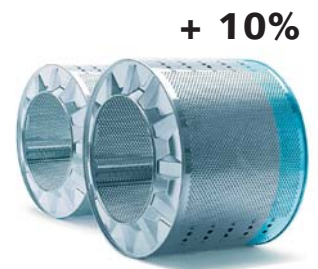
The Schulthess express program has become a classic of its kind. For example, it gets a load of 30° coloureds clean in 28 minutes. That perfectly fits contemporary laundry habits – greater time pressure, more laundry with a low level of soiling – and speeds up the laundry throughput. However, shorter programs not only mean greater convenience and output, they reduce water, electricity and detergent consumption.



## THE NEW SPACE DRUM: THE SMALL DIFFERENCE THAT CREATES A BIG EFFECT

The Space Drum stands for a new concept in both washing machines and tumble dryers. With 10% more drum volume, they achieve filling weights of up to 6.5 kg when washing and drying. They can do more work in a shorter period of time and wash faster, more gently and more economically.

The very fine perforation also ensures the gentlest possible treatment of the laundry. Thanks to an outstanding water extraction performance with just 46% residual moisture, the Space Drum also ensures shorter drying times and lower electricity consumption in your dryer.



# Specification - Spirit topline washing machines

Company or brand name	Schulthess
Type of appliance	front loader
Type of sales description	Spirit topline 6165
Product no.	6151.OQ and 6156*

## Consumption data for normal 60° C program <sup>1)</sup>

Energy consumption (cold water connection)	1.7kWh
Energy consumption (hot water connection)	0.4kWh
Water consumption	75l

## Application features <sup>1)</sup>

Filling amount	6.5max. kg
Drum volume	63l
Residual moisture	46%
Spin speed	1400max. rpm
G force	514
Duration (60° without prewash) Cold water connection	66min.
Duration (60° without prewash) Hot water connection	56min.

## Structural form

Footed appliance with work surface	yes
Door hinge <sup>2)</sup>	r/l/i

## Dimensions

Height	90cm
Width	63cm
Depth including space from wall	74cm
Depth with door open (front loader)	114cm
Height adjustable	2cm
Empty weight	118kg

## Equipment

Door opening	front, Ø 30cm
Connecting cable	1.5m
Metal reinforced hose (stainless with fine filter)	1.5m
Outlet hose	1.5m
Drain:	
Execution with drain pump	Ø 21mm
Execution with drain valve	Ø 50mm

## Electric power

Electrical connection: Connected loads	400 V 2~N 50 Hz/3.7 kW/10 A
Fuse	230 V 1~N 50 Hz/2.3 kW/10 A
	230 V 1~N 50 Hz/3.7 kW/16 A

## Water supply

Water connection: (Type 'A' Airgap fitted as standard)	
Cold water/hot water	1x 3/4" / 1x 3/4"
Pressure hose G <sup>3/4"</sup>	yes

## Options

Execution in chrome-nickel steel	
Hot water connection	
Drain valve	
soft or rainwater inlet	
Aqua-Stop (pressure hose 1,5 m)	

## Safety and service

Complies with Swiss safety regulations	SEV-tested
Country of origin	Switzerland

## Manufacturer's name and address

Schulthess Maschinen AG, CH-8633 Wolfhausen ZH

## Notes

<sup>1)</sup> Values determined in accordance with standard EN 60456.

<sup>2)</sup> Door hinge: l = left, r = right, i = interchangeable. Example: l/i is state as delivered, door hinge left. Hinge interchangeable.

\*HSG (95)18 compliant.

# Specification - Spirit topline tumble dryers

Company or brand name	Schulthess	Schulthess
Type of appliance	condensation dryer	exhaust air dryer
Type of sales description	Spirit topline TC 6450	Spirit topline T 6250
Product no.	6450.OU	6250 U

## Consumption

Energy consumption <sup>1)</sup> : (laundry spun before beginning drying at about 1400 rpm, 46% residual moisture)	Program "cotton, cupboard dry"	3.0kWh	2.9kWh
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## Application features

Filling amount <sup>2)</sup> :	Cotton, cupboard dry	6.5max. kg	6.5max. kg
	Cotton, ironing moist	6.5max. kg	6.5max. kg
	Easy-care, cupboard dry	3.5max. kg	3.5max. kg
Drying time <sup>1)</sup> : (laundry spun before beginning drying at about 1400 rpm, 46% residual moisture)	Programme "Cotton, cupboard dry"	45min.	42min.

## Structural form

Footed appliance with work surface	yes	yes
Standard unit for wash and dry column	no	yes
Door hinge <sup>3)</sup>	r/l/i	r/l/i

## Dimensions <sup>4)</sup>

Height	90cm	90cm
Width	63cm	63cm
Depth including space from wall <sup>4)</sup>	91cm	79cm
Depth with door open <sup>4)</sup>	153cm	141cm
Height adjustable	2cm	2cm
Empty weight	99kg	86kg

## Control of drying

By time setting <sup>5)</sup>	yes	yes
Automatic by electronic moisture sensing <sup>6)</sup>	yes	yes

## System and equipment

Air extraction system	no	yes
Air condensation system	yes	no
Exhaust air duct	-	Ø 100 mm, 90° angle adapter
Exhaust air hose Ø 100 mm	-	2m
Drying programs	10	10
Additional programs and times programs	yes	yes
Display of the program time	yes	yes
Door opening	front, Ø 34/40cm	front, Ø 34/40cm
Connecting cable	1.5m	1.5m
Outlet hose	2/22m/Ø mm	-

## Electric power and water supply

Electrical connection:	Voltage	400 V 3~N 50 Hz/5.0 kW/10 A	400 V 3~N 50 Hz/5.0 kW/10 A
	Connected loads	400 V 2~N 50 Hz/3.6 kW/10 A	400 V 2~N 50 Hz/3.6 kW/10 A
	Fuse	230 V 1~N 50 Hz/2.2 kW/10 A	230 V 1~N 50 Hz/2.2 kW/10 A
		230 V 1~N 50 Hz/3.6 kW/16 A	230 V 1~N 50 Hz/3.6 kW/16 A

## Options

	Execution in chrome nickel steel	Execution in chrome nickel steel
		Tower kit for washer/dryer column

## Safety and service

Complies with Swiss safety regulations	SEV-tested	SEV-tested
Country of origin	Switzerland	Switzerland

## Manufacturer's name and address

Schulthess Maschinen AG, CH-8633 Wolfhausen ZH

## Explanations:

- <sup>1)</sup> Values determined in accordance with standard EN 61121.
- <sup>2)</sup> Manufacturer's details of the maximum filling amount for all drying programs.
- <sup>3)</sup> Door hinge: l = left, r = right, i = interchangeable. Example: l/i is state as delivered, door hinge left. Hinge interchangeable.
- <sup>4)</sup> In the case of an exhaust air connection at the rear, a greater distance from the wall may be required. Dimensions are to be found in the dimensioned drawings.
- <sup>5)</sup> Set the degree of drying according to the laundry items in accordance with operating instructions.
- <sup>6)</sup> Degree of drying maintained automatically.

## STATE OF THE ART DOOR DESIGN

With a door diameter of 30cm and an opening angle of 180°, the Spirit topline washing machines are among the most convenient to use of their type. It means that they are exceptionally easy to load and unload. The door can be opened immediately at the end of the program simply using a button on the operating panel. A choice of left or right door hinging is available – an important point when considering the location of the appliance.



# Better drying . . .



## QUALITY AND EASE OF OPERATION COME FIRST

Ever more powerful washing machines enable ever shorter washing programs. Therefore it makes good sense for the tumble dryer to be able to keep up with this as well, to prevent a backlog of drying from building up. No problem with Schulthess: Our washing machines work together to create the perfect combination. A load of washing that has been spun in the Spirit topline at a high speed of 1400 rpm, dries in the tumble dryer in just 40–45 minutes.

In terms of design, operation, button layout and user-friendliness, the Schulthess tumble dryers are also perfectly matched to the Spirit topline washing machines. For example, all appliances feature the practical touch controls next to the easily understandable operating symbols. Even the arrangement follows the same logic: the main programs at the bottom, the additional program options at the top. The Spirit topline tumble-dryers also feature the large and easy-to-use door opening and a convenient drum interior lighting. The door can be ordered with left or right hinging, according to customer requirement.



## VENTED OR WITH THE NEW AIR CONDENSATION SYSTEM

You have a choice of two systems with the new Schulthess tumble dryers. With the vented system, the moisture escapes to the outside air vent pipe. An alternative to this that commends itself is air condensation. With this system, the hot, moist air condenses in two professional heat exchangers. A pump is then used to dispose of the condensate down the drain.



## THE RIGHT PROGRAM FOR EVERY NEED

The sensor-controlled Spirit topline tumble dryers have ten electronic programs from moist for ironing to extra dry. These can be usefully complemented through program options. For example, it is possible to use an option button for particularly easy-care laundry or to activate the special delicate program for temperature-sensitive fabrics.

As an alternative to the standard programs, the tumble dryer can also be controlled with a time program with a drying time of 10–90 minutes. The pre-set starting time allows the program start to be set for up to 20 hours in advance if desired.