

**Technical data**
**Rack conveyor dishwashing machine STR 110, STR 110 Energy**  
 without pre-cleaning zone; electrically heated

**General**

			STR 110	STR 110 Energy
Number of programmes			2	2
Theoretical capacity		racks / h	70 / 110	70 / 110
Water connection			G ¾"	G ¾"
Water inlet temperature	max.	°C	10 - 60	10 - 20
Water drain		mm	DN 50	DN 50
Flow pressure / throughput downstream of external water treatment system	with pressurized boiler	kPa (bar)	250 - 600; (2.5 - 6.0) min. 15 l/min	250 - 600; (2.5 - 6.0) min. 15 l/min
	with non pressurized boiler	kPa (bar)	100 - 600; (1.0 - 6.0) min. 15 l/min min. 5 l/min; (UK, Australia)	100 - 600; (1.0 - 6.0) min. 6 l/min min. 5 l/min; (UK, Australia)
Tank capacity		l	65	65
Tank temperature		°C	55 - 65	55 - 65
Boiler temperature		°C	80 - 85	80 - 85
Number of wash arms	above (each with 6 jets)		5	5
	below (each with 5 jets)		3	3
Number of rinse arms	above / below		1 / 1	1 / 1
Noise emission	L <sub>pAeq</sub> (workplace-related)	dB(A)	<70dB(A)	<70dB(A)

**Dimensions**

Width (table to table)	without drying zone	mm	1300	1300
	with drying zone	mm	2000	2000
Depth (door closed / door open)		mm	800 / 1472	800 / 1472
Height	without drying zone	mm	1420 (1600 incl. air vents ; Option)	1890
	with drying zone	mm	1770	1890
Working height	Standard	mm	900	900
	Option	mm	850	850
Rack dimensions		mm	500 x 500	500 x 500
Entry clearance height / width		mm	460 / 500	460 / 500
Weight (net/ gross)	without drying zone	kg	207 / 240	279 / 312
	with drying zone	kg	274 / 316	346 / 388
Packaging dimensions (Width / Depth / Height)	without drying zone	mm	1350 / 850 / 1500	1430 / 850 / 1920
	with drying zone	mm	2100 / 850 / 1920	2100 / 850 / 1920

**Consumption values (continuous operation)**

Detergent consumption at a dosage of e.g. 3 g/l	first dosage	g	195	195
	subsequent dosing	g/h	780	780
Rinse aid consumption at a dosage of e.g. 0.3 g/l		g/h	78	78
Rinse water requirement		l/h	260	260

**Electrical consumption values**

Voltage range			3N~ / 3~ / 3(N)~	3N~ / 3~ / 3(N)~
Boiler heating	water inlet of 10-20 °C	kW	24	18 (Option: 24)
	water inlet of 21-50 °C	kW	18	-
	water inlet of 51-60 °C	kW	12	-
Tank heating		kW	10	10
Heating power drying zone	Option	kW	4 (+ 2 kW in reserve)	4 (+ 2 kW in reserve)
Ventilator drying zone (P1)	Option	kW	0.5	0.5
Pressure boost pump output (P1) (only machines with non pressurized boiler)		kW	0.2	0.2
Wash pump output (P1)		kW	1.7	1.7
Capacity of drive motor rack transport (P1)		kW	0.5	0.5
Capacity of drain pump (P1)		kW	0.2	0.2
Ventilator Energy (P1)		kW	-	0.2
Control		kW	0.1	0.1
Total load <b>without drying zone</b> (machines with non pressurized boiler + 0.2 kW)	water inlet of 10-20 °C	kW	36.5	30.7 (Boiler 18 kW)
	water inlet of 21-50 °C	kW	30.5	-
	water inlet of 51-60 °C	kW	24.5	-
Total load <b>with drying zone</b> (machines with non pressurized boiler + 0.2 kW)	water inlet of 10-20 °C	kW	41.0	35.2 (Boiler 18 kW)
	water inlet of 21-50 °C	kW	35.0	-
	water inlet of 51-60 °C	kW	29.0	-

**Technical data**

## Rack conveyor dishwashing machine STR 130, STR 130 Energy

with pre-cleaning zone; electrically heated

**General**

			<b>STR 130 with pre-cleaning zone</b>	<b>STR 130 Energy with pre-cleaning zone</b>
Number of programmes			2	2
Theoretical capacity		racks / h	90 / 130	90 / 130
Water connection			G ¾"	G ¾"
Water inlet temperature	max.	°C	10 - 60	10 - 20
Water drain		mm	DN 50	DN 50
Flow pressure / throughput downstream of external water treatment system	with pressurized boiler	kPa (bar)	250 - 600; (2.5 - 6.0) min. 15 l/min	250 - 600; (2.5 - 6.0) min. 15 l/min
	with non pressurized boiler	kPa (bar)	100 - 600; (1.0 - 6.0) min. 15 l/min; min. 5 l/min; (UK, Australia)	100 - 600; (1.0 - 6.0) min. 6 l/min; min. 5 l/min; (UK, Australia)
Tank capacity		l	65	65
Tank temperature		°C	55 - 65	55 - 65
Boiler temperature		°C	80 - 85	80 - 85
Number of wash arms	above (each with 6 jets)		6	6
	below (each with 5 jets)		4	4
Number of rinse arms	above / below		1 / 1	1 / 1
Noise emission	L <sub>pAeq</sub> (workplace-related)	dB(A)	<70dB(A)	<70dB(A)

**Dimensions**

Width (table to table)	without drying zone	mm	1600	1600
	with drying zone	mm	2300	2300
Depth (door closed / door open)			800 / 1472	800 / 1472
Height	without drying zone	mm	1420 (1600 incl. air vents ; Option)	1890
	with drying zone	mm	1770	1890
Working height	Standard	mm	900	900
	Option	mm	850	850
Rack dimensions		mm	500 x 500	500 x 500
Entry clearance height / width		mm	460 / 500	460 / 500
Weight (net/ gross)	without drying zone	kg		
	with drying zone	kg		
Packaging dimensions (Width / Depth / Height)	without drying zone	mm		
	with drying zone	mm		

**Consumption values (continuous operation)**

Detergent consumption at a dosage of e.g. 3 g/l	first dosage	g	195	195
	subsequent dosing	g/h	780	780
Rinse aid consumption at a dosage of e.g. 0.3 g/l		g/h	78	78
Rinse water requirement		l/h	260	260

**Electrical consumption values**

Voltage range			3N~ / 3~ / 3(N)~	3N~ / 3~ / 3(N)~
Boiler heating	water inlet of 10-20 °C	kW	24	18 (Option: 24)
	water inlet of 21-50 °C	kW	18	-
	water inlet of 51-60 °C	kW	12	-
Tank heating		kW	12	12
Heating power drying zone	Option	kW	4 (+ 2 kW in reserve)	4 (+ 2 kW in reserve)
Ventilator drying zone (P1)	Option		0.5	0.5
Pressure boost pump output (P1) (only machines with non pressurized boiler)			0.2	0.2
Wash pump output (P1)		kW	2.0	2.0
Capacity of drive motor rack transport (P1)			0.5	0.5
Capacity of drain pump (P1)		kW	0.2	0.2
Ventilator Energy (P1)		kW	-	0.2
Control		kW	0.1	0.1
Total load <b>without drying zone</b> (machines with non pressurized boiler + 0.2 kW)	water inlet of 10-20 °C	kW	38.8	33.0 (Boiler 18 kW)
	water inlet of 21-50 °C	kW	32.8	-
	water inlet of 51-60 °C	kW	26.8	-
Total load <b>with drying zone</b> (machines with non pressurized boiler + 0.2 kW)	water inlet of 10-20 °C	kW	43.3	37.5 (Boiler 18 kW)
	water inlet of 21-50 °C	kW	37.3	-
	water inlet of 51-60 °C	kW	31.3	-