

1. Roll
2. Bridging chest, heated
3. Heating chest: upon request ironer module with inverted chest for double sided finish
4. Transparent canopy resp.flat cover optional
5. Roll lifted
6. Exhaust connection vertical; insert depth 850mm; see also 7
7. Exhaust connection horizontal exhaust pipe DN 250 insert depth 100 mm. airflow adjustable:
max. 900 m³/h = 1 roll
max. 1680 m³/h = 2 rolls
max. 2400 m³/h = 3 rolls
max. 3000 m³/h = 4 rolls
optional connection see 6
8. Heat source inlet connection lines with shut-off valve;
Steam: max. 13 bar and 200 °C; steam connection pipe DN50;
Thermal oil: return pipe DN80
Hot water:outlet pipe DN80;
9. Heat source outlet connection lines with shut-off valve;
Condensate pipe DN40 for steam heating;
Thermal oil: inlet pipe DN80; Design pressure 5bar; max 250°C
Hot water: inlet pipe DN80; max.13 bar, 200°C
10. Compressed air connection; hose DN 10 - min. 4,5 bar, max. 10 bar
11. Main switch
12. Control panel
13. Position of power supply: length of cable 1.5m above floor; for further details see LWN 10 224 T2.
14. Dimensions per module
15. Wall distance min. 1000 mm.
16. Exhaust fan 0,52 kW.
17. Control panel left with medium pressure and chest temperature
18. Control panel right with operating elements; 17 and 18 with digital display optional
19. Linen through; optional
20. Linen feed
21. Linen output
22. Unloading sheet; optionally heated
23. Discharge table; optional
24. Three-phase A.C. motor; frequency regulated
25. Guiding tapes; tape tensioners at feeding or output side optional; with shifting device; tape control optional
26. Frequency changer for 24
27. Aluminum safety stairs upon request (not displayed)

Type	Abbreviation 1)			Ironing Distance 2)	Total Heating Surface 2)	Speed Range 3)	Working Pressure for 1N/cm ² Roll Contact Pressure	Inner Dimension	Overall Dimension	Total Length	Discharge Table; Height=870mm, Width=	Weight
	Rolls	Ironing Width	Ironing Width									
LR	1	1200	1750	1840	3.2	3 - 15 resp. 6 - 30	2.8-3.3	1950	2980	2370	2450	3875
			2000		3.7		2.8-3.3	2200	3230		2700	4150
			2500		4.6		3.4-3.9	2700	3730		3200	4700
			2700		5.0		3.8-4.3	2900	3930		3400	4920
			3000		5.5		4.3-4.8	3200	4230		3700	5250
			3300		6.1		4.8-5.3	3500	4530		4000	5550
			3500		6.4		5.1-5.6	3700	4730		4200	5800
LR	1	1200	1750	4280	7.5	6- 30 resp. 8 - 40 resp.9-45	2.8-3.3	1950	2980	4020	2450	7340
			2000		8.6		2.8-3.3	2200	3230		2700	7850
			2500		10.7		3.4-3.9	2700	3730		3200	8900
			2700		11.6		3.8-4.3	2900	3930		3400	9300
			3000		12.8		4.3-4.8	3200	4230		3700	9900
			3300		14.1		4.8-5.3	3500	4530		4000	10500
			3500		15.0		5.1-5.6	3700	4730		4200	10900
LR	1	1200	1750	6730	11.8	9 - 45	2.8-3.3	1950	2980	5670	2450	10770
			2000		13.5		2.8-3.3	2200	3230		2700	11500
			2500		16.8		3.4-3.9	2700	3730		3200	12900
			2700		18.2		3.8-4.3	2900	3930		3400	13500
			3000		20.2		4.3-4.8	3200	4230		3700	14450
			3300		22.2		4.8-5.3	3500	4530		4000	15300
			3500		23.6		5.1-5.6	3700	4730		4200	16000
LR	1	1200	1750	9170	16.1	9 - 45	2.8-3.3	1950	2980	7320	2450	15100
			2000		18.4		2.8-3.3	2200	3230		2700	15900
			2500		22.9		3.4-3.9	2700	3730		3200	17100
			2700		24.8		3.8-4.3	2900	3930		3400	17980
			3000		27.5		4.3-4.8	3200	4230		3700	19100
			3300		30.3		4.8-5.3	3500	4530		4000	20200
			3500		32.1		5.1-5.6	3700	4730		4200	21100
LR	1	1200	3700		33.9		5.4-5.9	3900	4930		4400	21900
			4000		36.7		5.9-6.4	4200	5230		4700	22300

Heating Data:

Connection size and consumption figures strongly depend on laundry to be ironed and ironing speed.

For equipment ordered see details on installation drawing.

Electrical Data:

For electrical data at standard speed see spec. sheet page 3.

It has to be observed that additional components (e.g. secondary pumps in case of thermal oil heating, feeding and/or folding machine) will give different values; see installation drawing (after order).

1) Abbreviation added by kind of heating:

HS = High-pressure Steam

HW = Hot Water

TO = Thermal Oil

e.g. LAVAROLL with 2 rolls d=800 mm, ironing

width b1 = 3000 mm and steam heated (HS):

LR 2 x 800 x 3000 – HS

2) Including heated bridging chests

3) For relating power see page 3; Additional speed upon request

Subject to alterations.

Electrical Connection Data

Area of application:

This spec sheet is valid for electrical data of LAVAROLL 1200 according to page 1 and 2.

The data are invalid in case of additional electrical components (e.g. feeding and/or foldig equipment, sockets) are connected to the LAVAROLL control cabinet; see special wiring diagram as per order.

LAVAROLL Type LR	Ironing Width b1 mm	1) Speed Range m / min	3 N~ 50 Hz, 400/230 V 2)					7) Drive Length e mm	Frequency Converter 7)			
			Nominal Consumption		Rated Amps 4) 5) A	Wiring by customer			B mm	H mm	T mm	K mm.
			Drive 3) kW	Total 4), 5) kW		Wire size 6) mm2	Fuses A					
1 x 1200	1750-4000	3-15	5.5	7.6	17	5 x 6	3 x 35	900	120	423	240	0
	1750-4000	6-30	11	13.2	27.2	5 x 6	3 x 35	800	157	562	263	
2 x 1200	1750-2700	6-30	11	14	29.3	5 x 6	3 x 35	800	157	562	263	320
	3000-4000	6-30	15	19	39.7	5 x 10	3 x 50	820				
	1750-3300	8-40	15	19	39.7	5 x 10	3 x 50	820				
	3500-3700	8-40	18.5	22.5	46.6	4 x 16/16	3 x 63	950	220	700	315	
	4000	8-40	22	26	53.5	4 x 25/16	3 x 80	1400	220	700	315	
	1750-2700	9-45	15	19	39.7	5 x 10	3 x 50	820				
	3000-3300	9-45	18.5	22.5	46.6	4 x 16/16	3 x 63	950				
3500-4000	9-45	22	26	53.5	4 x 25/16	3 x 80	1400					
3 x 1200	1750-2300	9-45	18.5	23.3	48.7	4 x 16/16	3 x 63	950	220	700	315	
	2500-2700	9-45	22	26.8	55.6	4 x 25/16	3 x 80	1400				
	3000-4000	9-45	30	34.8	71	4 x 25/16	3 x 80	1400				
4 x 1200	1750-2300	9-45	22	27.6	57.7	4 x 25/16	3 x 80	1400	220	700	315	
	2500-3000	9-45	30	35.6	73.2	4 x 25/16	3 x 80	1400				
	3300-4000	9-45	37	42.6	87.4	4 x 35/16	3 x 100	1600				

Technical modifications reserved

- 1) Other speeds upon request
- 2) Other or specific electrical data upon request
- 3) Valid at standard speed
- 4) In case of further electrical components see installation drawing (after order)
- 5) One exhaust fan per ironer module with 0,82 kW is included
- 6) Wire size is valid for Cu-line up to 30 m length
- 7) Dimensions e, B, H, K und T see page 1