

Electrolux Manufacturing Data Year 2005

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Definitions

Direct Manufacturing Data for the Group in 2005, based on data from 86 production units which corresponds to more than 99 percent of total manufacturing area. Estimates are used where data is missing.

**CO₂ Emissions and
Land Area for Production
Year 2005**



CO₂ emissions are calculated based on the various energy sources used (see table Total Energy Use).
Land area includes all Electrolux owned properties (6% of total manufacturing area is leased).

Region	Country	Units	CO ₂ Emissions [metric tons]	Land Area [sqm]
Europe	Belgium	2	2 134	66 117
	Denmark	2	8 374	173 200
	France	5	7 519	99 929
	Germany	2	37 117	173 200
	Great Britain	2	22 384	310 000
	Greece	1	3 687	17 495
	Hungary	2	40 012	763 525
	Italy	10	139 445	1 894 307
	Norway	1	593	120 000
	Poland	1	3 738	104 917
	Portugal	1	563	-
	Romania	1	21 485	168 978
	Spain	3	16 981	222 779
	Sweden	13	10 022	898 214
Switzerland	3	1 307	58 622	
Europe Total		49	315 361	5 071 283
North America	Canada	2	18 960	117 812
	Mexico	1	3 611	3 175 169
	USA	18	344 203	3 311 268
North America Total		21	366 774	6 604 249
South America	Brazil	6	17 243	510 169
South America Total		6	17 243	510 169
Asia	China	3	36 515	58 622
	Thailand	1	1 725	59 760
Asia Total		4	38 240	118 382
Australia	Australia	5	50 542	356 494
Australia Total		5	50 542	356 494
Africa	South Africa	1	248	-
Africa Total		1	248	
Grand Total		86	788 408	12 660 577

Region	Country	Unit	Products	ISO 9001	ISO 14001	Note
Africa	South Africa	Cape Town	Vacuum Cleaning			Divested in 2005
Asia	China	Changsha	Refrigeration	•	•	
Asia	China	Changsha	Washing	•	•	
Asia	China	Hang Zhou	Cooking			Unit opened in 2005
Asia	China	Xiamen	Professional Power Cutter/ Diamond Tools			
Asia	Thailand	Rayong	Professional Laundry Products			Unit opened in 2006
Asia	Thailand	Rayong	Washing			
Australia	Australia	Beverly	Laundry	•	•	
Australia	Australia	Dudley Park	Cooking	•	•	
Australia	Australia	Orange	Refrigeration	•	•	
Australia	Australia	Regency Park	Dishwashing	•	•	
Australia	Australia	Adelaide	Diamond Tools	•	•	
Europe	Belgium	Ath	Professional Power Cutter/ Diamond Tools			
Europe	Belgium	Uccle	Blending and Mixing Diamonds	•	•	
Europe	Denmark	Fredericia	Cooking	•	•	
Europe	Denmark	Tommerup	Professional Laundry Products	•	•	
Europe	France	Aubusson	Professional Kitchen Products	•	•	
Europe	France	Blois	Professional Power Cutter/ Diamond Tools			
Europe	France	Revin	Washing	•	•	
Europe	France	Saint Vallier	Professional Kitchen Products	•	•	
Europe	France	Troyes	Professional Laundry Products	•	•	
Europe	Germany	Nuernberg	Washing, Dishwashing	•	•	
Europe	Germany	Rothenburg	Cooking	•	•	
Europe	Great Britain	Aycliffe	Garden Equipment	•	•	
Europe	Great Britain	Spennymoor	Cooking	•	•	
Europe	Greece	Inofyta Beotia	Professional Power Cutter/ Diamond Tools	•	•	
Europe	Hungary	Jaszbereny	Refrigeration, Vacuum Cleaning	•	•	
Europe	Hungary	Nyiregyhaza	Refrigeration	•	•	
Europe	Italy	Firenze	Refrigeration	•	•	
Europe	Italy	Forli	Cooking	•	•	
Europe	Italy	Lonato	Professional Power Cutter/ Diamond Tools			
Europe	Italy	Porcia	Washing	•	•	
Europe	Italy	Solaro	Dishwashing	•	•	
Europe	Italy	Susegana	Refrigeration	•	•	
Europe	Italy	Vallenoncello	Professional Kitchen Products (Cookers)	•	•	
Europe	Italy	Vallenoncello	Professional Kitchen Products (Dishwashing)	•	•	
Europe	Italy	Valmadrera	Garden Equipment	•	•	
Europe	Italy	Villotta	Professional Kitchen Products	•	•	
Europe	Norway	Sarpsborg	Professional Garden Equipment and Forestry		•	
Europe	Poland	Siewertz	Tumble Dryers			
Europe	Poland	Zarow	Dishwashing			Unit opened in 2005
Europe	Portugal	Rio de Mouro	Professional Power Cutter/ Diamond Tools	•	•	
Europe	Romania	Satu Mare	Cooking	•	•	
Europe	Russia	St Petersburg	Washing			Unit opened in 2005
Europe	Russia	Moskovskaya	Chainsaw			Unit opened in 2005
Europe	Spain	Alcala de Henares	Washing	•	•	
Europe	Spain	Fuenmayor	Refrigeration	•	•	Closed April 2006
Europe	Spain	Vicalvaro, Madrid	Professional Power Cutter/ Diamond Tools	•	•	
Europe	Sweden	Brastad	Professional Garden Equipment and Forestry	•	•	
Europe	Sweden	Huskvarna	Professional Garden Equipment and Forestry	•	•	
Europe	Sweden	Höör	Professional Garden Equipment and Forestry	•	•	
Europe	Sweden	Jönköping	Professional Power Cutter/ Diamond tools	•	•	
Europe	Sweden	Karlsborg	Professional Power Cutter/ Diamond tools	•	•	Closed 2006
Europe	Sweden	Ljungby	Professional Laundry Products	•	•	
Europe	Sweden	Mariestad	Refrigeration	•	•	
Europe	Sweden	Motala	Cooking	•	•	
Europe	Sweden	Nygård	Vacuum Cleaning	•	•	
Europe	Sweden	Tandsbyn	Professional Garden Equipment and Forestry	•	•	
Europe	Sweden	Torsvik	Washing, Dishwashing	•	•	
Europe	Sweden	Åsbro	Professional Power Cutter/ Diamond Tools	•	•	
Europe	Sweden	Ödeshög	Professional Garden Equipment and Forestry	•	•	
Europe	Switzerland	Elsau	Professional Power Cutter/ Diamond tools	•	•	
Europe	Switzerland	Schwanden	Dishwashing, Cooking	•	•	
Europe	Switzerland	Sursee	Professional Kitchen Products	•	•	
North America	Canada	L'Assomption	Cooking	•	•	
North America	Canada	North Bay	Professional Power Cutter/ Diamond Tools	•	•	
North America	Mexico	Juarez	Vacuum Cleaning	•	•	Opened 2005
North America	Mexico	Juarez	Refrigerators	•	•	
North America	USA	Anderson	Refrigeration	•	•	
North America	USA	Beatrice	Professional Garden Equipment and Forestry	•	•	
North America	USA	Columbia	Professional Power Cutter/ Diamond Tools	•	•	
North America	USA	De Queen	Garden Equipment	•	•	Closed March 2006
North America	USA	Greenville	Refrigeration	•	•	
North America	USA	Jefferson	Washing	•	•	
North America	USA	Kinston	Dishwashing	•	•	
North America	USA	Mc Rae	Garden Equipment	•	•	
North America	USA	Nashville	Garden Equipment	•	•	
North America	USA	Nashville	Garden Equipment (Refurbishment)	•	•	
North America	USA	Olathe	Professional Power Cutter/ Diamond Tools	•	•	
North America	USA	Orangeburg	Garden Equipment	•	•	
North America	USA	Springfield	Cooking	•	•	
North America	USA	St. Cloud	Refrigeration	•	•	
North America	USA	Swainsboro	Garden Equipment	•	•	
North America	USA	Torrence	Professional Power Cutter/ Diamond Tools	•	•	
North America	USA	Webster City	Vacuum Cleaning	•	•	
North America	USA	Webster City	Washing	•	•	
South America	Brazil	Curitiba	Refrigeration	•	•	
South America	Brazil	Curitiba	Vacuum Cleaning	•	•	
South America	Brazil	Manaus	Room Air Conditioning	•	•	
South America	Brazil	Manaus	Microwave Ovens	•	•	
South America	Brazil	Sao Carlos	Professional Garden Equipment and Forestry	•	•	
South America	Brazil	Sao Carlos	Washing, Cooking	•	•	

Refrigeration includes refrigerators, freezers, combined refrigerators/freezers and chest freezers

Washing includes cloth washing machines and tumble dryers

Cooking includes ranges, ovens, cook tops

Total Energy Use (in GJ)
Year 2005



Region	Country	Units	Oil [GJ]	Gas [GJ]	Heating [GJ]	Coal [GJ]	LPG [GJ]	Steam [GJ]	Electricity [GJ]	Total [GJ]
Europe	Belgium	2	640	8 531					14 286	23 459
	Denmark	2	12 363	6 978			1 045		29 094	49 482
	France	5		100 663			4 871		52 089	157 628
	Germany	2	6 942	79 518	81 942				152 169	320 573
	Great Britain	2	11 906	102 542					85 317	199 767
	Greece	1	493						11 763	12 257
	Hungary	2		236 873	-12 755				136 532	360 652
	Italy	10	15 903	800 413			207		470 782	1 287 315
	Norway	1	7 410						15 176	22 587
	Poland	1		6 604			6 511		9 568	22 684
	Portugal	1							3 478	3 479
	Romania	1			231 251			3	42 353	273 608
	Spain	3	1 942	70 352					87 529	159 826
	Sweden	13	2 932			157 586		30 550	410 969	602 050
Switzerland	3	16 223	1 636					10 668	28 530	
Europe Total		49	76 754	1 645 361	226 773		43 187		1 531 773	3 523 897
North America	Canada	2		203 247			746		83 890	287 885
	Mexico	1		8 656			3 104		14 748	26 509
	USA	18	11 358	1 337 000			35 273		1 357 178	2 740 827
North America Total		21	11 358	1 548 903			39 123		1 455 816	3 055 221
South America	Brazil	6	13 594	46 614			20 187		221 647	302 048
South America Total		6	13 594	46 614			20 187		221 647	302 048
Asia	China	3	8 942			98 417	12	64 955	49 619	221 948
	Thailand	1	81	1 441			23		5 881	7 427
Asia Total		4	9 023	1 441		98 417	35	64 955	55 500	229 375
Australia	Australia	5		191 292			6 854		144 852	343 003
Australia Total		5		191 292			6 854		144 852	343 003
Africa	South Africa	1							1 140	1 141
Africa Total		1							1 140	1 141
Grand Total		86	110 729	3 433 611	226 773	98 417	109 386	64 955	3 410 728	7 454 685

Water Use (in cubic meters)
Year 2005



Untreated water is mainly used for cooling purposes.

Region	Country	Units	Treated Water	Untreated Water	Total Water
Europe	Belgium	2	6 977		6 977
	Denmark	2	11 846		11 846
	France	5	19 006	44 262	63 268
	Germany	2	97 920		97 920
	Great Britain	2	48 906		48 906
	Greece	1	1 566	232	1 798
	Hungary	2	8 272	243 347	251 619
	Italy	10	183 611	5 965 883	6 149 494
	Norway	1	993	153 439	154 432
	Poland	1	10 989		10 989
	Portugal	1	2 200	2 000	4 200
	Romania	1	77 920		77 920
	Spain	3	91 451	595 227	686 678
	Sweden	13	419 533	99 509	519 042
	Switzerland	3	11 562	41 753	53 315
Europe Total		49	992 752	7 145 652	8 138 404
North America	Canada	2	125 340		125 340
	Mexico	1	143	27 727	27 870
	USA	18	1 684 727	207 750	1 892 477
North America Total		21	1 810 210	235 477	2 045 687
South America	Brazil	6	150 114	149 150	299 264
South America Total		6	150 114	149 150	299 264
Asia	China	3	389 474	228 282	617 756
	Thailand	1	33 120	18 821	51 941
Asia Total		4	422 594	247 103	669 697
Australia	Australia	5	108 924	43 250	152 174
Australia Total		5	108 924	43 250	152 174
Africa	South Africa	1	7 650		7 650
Africa Total		1	7 650		7 650
Grand Total		86	3 492 244	7 820 632	11 312 876

Coating Processes Year 2005



Use of processes (pre-treatment and coating). One facility may perform several processes.

- Elimination of chlorinated solvents is important to eliminate environmental as well as health and safety risks.
- Elimination of solvent based painting represents an important improvement in reducing air emissions from manufacturing.
- Enameling is an energy intensive coating method primarily used for cookers products.

Data for 2005 comprise reports from more than 99 percent of total manufacturing area.

Value in brackets () indicates year 2004.

Region	Country	Factories (number of)	No of factories with		
			Chlorinated Degreasing	Solvent-based painting	Enameling
Europe	Belgium	2			
	Denmark	2			1
	France	5	1	4	
	Germany	2			1
	Great Britain	2			1
	Greece	1		1	
	Hungary	2			
	Italy	10			1
	Norway	1			
	Poland	1			
	Portugal	1	1		
	Romania	1			1
	Spain	3		1	
	Sweden	13	1	2	1
Switzerland	3		1	1	
Europe Total		49 (53)	3	9	7
North America	Canada	2		1	1
	Mexico	1			
	USA	18	2	5	1
North America Total		21 (22)	2	6	2
South America	Brazil	6		1	
South America Total		6 (5)		1	
Asia	China	3		1	
	Thailand	1			
Asia Total		4 (7)		1	
Australia	Australia	5		1	2
Australia Total		5 (7)		1	2
Africa	South Africa	1			
Africa Total		1 (1)			
Grand Total		86 (95)	5(7)	18 (19)	11 (12)

Solvents and Oils Year 2005



Solvents and oils are substances that often require special handling in production and after use become hazardous waste. Data for 2005 comprise reports from more than 99 percent of total manufacturing area. A "0.0" in the table indicates a value less than 0.05 units.

Region	Country	Factories (number of)	Use of solvents and oils (metric tons)		
			Chlorinated Solvents	Volatile Organic Compounds (VOCs)	Oils
Europe	Belgium	2		19.3	3.5
	Denmark	2		0.0	4.5
	France	5	7.8	8.9	53.2
	Germany	2		4.9	89.7
	Great Britain	2		3.3	43.8
	Greece	1		32.6	1.9
	Hungary	2		3.5	7.0
	Italy	10		16.1	215.6
	Norway	1		1.0	2.5
	Poland	1			
	Portugal	1	18.3	2.7	1.4
	Romania	1		13.1	43.7
	Spain	3		164.5	35.9
	Sweden	13		1.7	39.3
Switzerland	3		0.8	5.0	
Europe Total		49	26.1	272.3	547.1
North America	Canada	2		1.9	41.8
	Mexico	1			0.7
	USA	18	0.0	130.8	867.8
North America Total		21	0.0	132.8	910.3
South America	Brazil	6			98.3
South America Total		6			98.3
Asia	China	3	0.3	19.0	12.2
	Thailand	1		0.1	0.1
Asia Total		4	0.3	19.1	12.3
Australia	Australia	5		2.6	32.1
Australia Total		5		2.6	32.1
Africa	South Africa	1	0.4		1.9
Africa Total		1	0.4		1.9
Grand Total		86	26.8	426.8	1 601.9

**Use of Ozone Depleting Substances
Year 2005**



Total use of the ozone depleting substance (ODS) in 1,000 CFC equivalents.
HCHC is used in manufacturing (33%) and in products (67%).
A "0.0" in the table indicates a value less than 0.05 units.

Region	Country	Units	CFC equivalents
Europe	Belgium	2	0.0
	Denmark	2	
	France	5	0.0
	Germany	2	0.1
	Great Britain	2	
	Greece	1	
	Hungary	2	
	Italy	10	0.0
	Norway	1	
	Poland	1	
	Portugal	1	0.0
	Romania	1	
	Spain	3	0.0
	Sweden	13	0.0
Switzerland	3		
Europe Total		49	0.1
North America	Canada	2	0.0
	Mexico	1	
	USA	18	0.5
North America Total		21	0.5
South America	Brazil	6	27.7
South America Total		6	27.7
Asia	China	3	0.0
	Thailand	1	
Asia Total		4	0.0
Australia	Australia	5	0.0
Australia Total		5	0.0
Africa	South Africa	1	
Africa Total		1	
Grand Total		86	28.2