

Electrolux Manufacturing Data Year 2006

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Definitions

Direct Manufacturing Data for the Group in 2006, based on data from 54 production units which corresponds to 100 per cent of total manufacturing area. Estimates are used where data is missing.

The Husqvarna operation was divested in June 2006. These 34 units have been excluded in the 2006 report.

**CO₂ Emissions and
Land Area for Production
Year 2006**



CO₂ emissions are calculated based on the various energy sources used (see table Total Energy Use).
Land area includes all Electrolux owned properties (0.9% of total manufacturing area is leased).

Region	Country	Units	CO ₂ Emissions [metric tons]	Land Area [sqm]
Europe	Denmark	1	5 065	20 030
	France	4	7 160	102 844
	Germany	2	33 919	271 525
	Great Britain	1	13 273	60 000
	Hungary	2	44 171	763 525
	Italy	8	134 462	2 180 933
	Poland	3	16 622	661 497
	Romania	1	19 404	167 868
	Russia	1	1 257	7 000
	Spain	1	11 435	197 741
	Sweden	5	4 686	423 248
	Switzerland	2	1 201	48 431
Europe Total		31	292 654	4 904 642
North America	Canada	1	18 030	44 592
	Mexico	2	64 847	3 167 273
	USA	7	206 973	2 107 489
North America Total		10	289 851	5 319 354
South America	Brazil	5	19 480	281 218
South America Total		5	19 480	281 218
Asia	China	2	12 503	154 573
	Thailand	2	2 466	56 260
Asia Total		4	14 968	210 833
Australia	Australia	4	48 750	356 494
Australia Total		4	48 750	356 494
Grand Total		54	665 703	11 072 541

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	•	•	Closed in June 2006
Asia	China	Hang Zhou	Cooking			Unit opened in 2005
Asia	China	Xiamen	Professional Power Cutter/ Diamond Tools			Divested in 2006
Asia	Thailand	Rayong	Professional Laundry Products	•	•	Unit opened in 2006
Asia	Thailand	Rayong	Washing	•		
Australia	Australia	Beverly	Washing	•	•	
Australia	Australia	Dudley Park	Cooking	•	•	
Australia	Australia	Orange	Refrigeration	•	•	
Australia	Australia	Regency Park	Dishwashing	•	•	
Australia	Australia	Adelaide	Diamond Tools	•	•	Divested in 2006
Europe	Belgium	Ath	Professional Power Cutter/ Diamond Tools			Divested in 2006
Europe	Belgium	Uccle	Blending and Mixing Diamonds	•		Divested in 2006
Europe	Denmark	Fredericia	Cooking	•	•	
Europe	Denmark	Tommerup	Professional Laundry Products	•	•	Closed in December, 2004
Europe	France	Aubusson	Professional Kitchen Products	•	•	
Europe	France	Blois	Professional Power Cutter/ Diamond Tools			Divested in 2006
Europe	France	Revin	Washing	•	•	
Europe	France	Saint Vallier	Professional Kitchen Products	•		
Europe	France	Troyes	Professional Laundry Products	•	•	
Europe	Germany	Nuernberg	Washing, Dishwashing	•		Closed in March 2007
Europe	Germany	Rothenburg	Cooking	•	•	
Europe	Great Britain	Aycliffe	Garden Equipment	•		Divested in 2006
Europe	Great Britain	Spennymoor	Cooking	•	•	
Europe	Greece	Inofyta Beotia	Professional Power Cutter/ Diamond Tools	•	•	Divested in 2006
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			Divested in 2006
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	•	•	Divested in 2006
Europe	Italy	Villotta	Professional Kitchen Products	•	•	
Europe	Norway	Sarpsborg	Professional Garden Equipment and Forestry		•	Divested in 2006
Europe	Poland	Olawa	Washing			Unit opened in Aug. 2005
Europe	Poland	Siewertz	Tumble Dryers			
Europe	Poland	Zarow	Dishwashing			Unit opened in 2005
Europe	Poland	Świdnica	Cooking			Opened December 2006
Europe	Portugal	Rio de Mouro	Professional Power Cutter/ Diamond Tools	•	•	Divested in 2006
Europe	Romania	Satu Mare	Cooking	•	•	
Europe	Russia	St Petersburg	Washing			Unit opened in 2005
Europe	Russia	Moskovskaya	Chainsaw			Divested in 2006
Europe	Spain	Alcala de Henares	Washing	•	•	
Europe	Spain	Fuenmayor	Refrigeration	•	•	Closed April 2006
Europe	Spain	Vicalvaro, Madrid	Professional Power Cutter/ Diamond Tools	•	•	Divested in 2006
Europe	Sweden	Brastad	Professional Garden Equipment and Forestry	•	•	Divested in 2006
Europe	Sweden	Huskvarna	Professional Garden Equipment and Forestry	•	•	Divested in 2006
Europe	Sweden	Höör	Professional Garden Equipment and Forestry	•	•	Divested in 2006
Europe	Sweden	Jönköping	Professional Power Cutter/ Diamond tools	•	•	Divested in 2006
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	•	•	Divested in 2006
Europe	Sweden	Torsvik	Washing, Dishwashing	•	•	Closed in 2006
Europe	Sweden	Åsbro	Professional Power Cutter/ Diamond Tools	•	•	Divested in 2006
Europe	Sweden	Ödeshög	Professional Garden Equipment and Forestry	•	•	Divested in 2006
Europe	Switzerland	Elsau	Professional Power Cutter/ Diamond tools			Divested in 2006
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	•	•	Divested in 2006
North America	Mexico	Juarez	Vacuum Cleaning	•	•	
North America	Mexico	Juarez	Refrigeration	•	•	
North America	USA	Anderson	Refrigeration	•	•	
North America	USA	Beatrice	Professional Garden Equipment and Forestry		•	Divested in 2006
North America	USA	Columbia	Professional Power Cutter/ Diamond Tools			Divested in 2006
North America	USA	De Queen	Garden Equipment	•	•	Divested in 2006
North America	USA	Greenville	Refrigeration	•	•	Closed March 2006
North America	USA	Jefferson	Washing	•	•	
North America	USA	Kinston	Dishwashing	•	•	
North America	USA	Mc Rae	Garden Equipment	•	•	Divested in 2006
North America	USA	Nashville	Garden Equipment	•	•	Divested in 2006
North America	USA	Nashville	Garden Equipment (Refurbishment)	•	•	Divested in 2006
North America	USA	Olathe	Professional Power Cutter/ Diamond Tools			Divested in 2006
North America	USA	Orangeburg	Garden Equipment		•	Divested in 2006
North America	USA	Springfield	Cooking	•	•	
North America	USA	St. Cloud	Refrigeration	•	•	
North America	USA	Swainsboro	Garden Equipment		•	Divested in 2006
North America	USA	Torrence	Professional Power Cutter/ Diamond Tools			Divested in 2006
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	•	•	Divested in 2006
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 2006



Region	Country	Units	Oil [GJ]	Gas [GJ]	Heating [GJ]	Coal [GJ]	LPG [GJ]	Steam [GJ]	Electricity [GJ]	Total [GJ]
Europe	Denmark	1	11 708				829		17 442	29 979
	France	4		91 050			5 039		52 902	148 991
	Germany	2	3 777	79 331	80 935				135 838	299 881
	Great Britain	1		125 089					34 101	159 190
	Hungary	2		228 581	-7 903				160 727	381 405
	Italy	8	37 079	700 204					466 553	1 204 107
	Poland	3		41 683			8 283		44 568	94 534
	Romania	1		198 147					41 668	239 815
	Russia	1		29				230	6 374	6 633
	Spain	1			46 340				60 022	106 362
	Sweden	5		2 680		85 928		6 649	226 999	322 256
Switzerland	2		14 820					10 748	25 568	
Europe Total		31	70 093	1 510 425	158 960		21 030		1 257 942	3 018 721
North America	Canada	1		190 051			421		82 281	272 753
	Mexico	2		52 817			2 157		317 054	372 027
	USA	7	8 727	866 474			6 589		801 255	1 683 046
North America Total		10	8 727	1 109 342			9 167		1 200 590	2 327 826
South America	Brazil	5	19 451	67 433			20 800		232 319	340 004
South America Total		5	19 451	67 433			20 800		232 319	340 004
Asia	China	2	5 335			57 000		607	23 406	86 349
	Thailand	2	81	299			23		8 781	9 184
Asia Total		4	5 416	299		57 000	23	607	32 187	95 532
Australia	Australia	4		190 801			5 417		138 625	338 927
Australia Total		4		190 801			5 417		138 625	338 927
Grand Total		54	103 687	2 878 300	158 960	57 000	56 438	607	2 861 663	6 121 009

Water Use (in cubic meters)
Year 2006



Untreated water is mainly used for cooling purposes.

Region	Country	Units	Treated Water	Untreated Water	Total Water
Europe	Denmark	1	4 753		4 753
	France	4	19 320	43 121	62 441
	Germany	2	77 972		77 972
	Great Britain	1	37 182		37 182
	Hungary	2	333 718		333 718
	Italy	8	181 728	6 077 316	6 259 044
	Poland	3	29 225		29 225
	Romania	1	51 117	82 600	133 717
	Russia	1	8 470		8 470
	Spain	1	50 103	567 100	617 203
	Sweden	5	70 389	104 898	175 287
	Switzerland	2	8 834	33 039	41 873
Europe Total		31	872 811	6 908 074	7 780 885
North America	Canada	1	92 258		92 258
	Mexico	2	121	39 785	39 906
	USA	7	1 061 872	193 572	1 255 444
North America Total		10	1 154 251	233 357	1 387 608
South America	Brazil	5	101 791	157 335	259 126
South America Total		5	101 791	157 335	259 126
Asia	China	2	365 761	42 545	408 306
	Thailand	2	33 120	51 188	84 308
Asia Total		4	398 881	93 733	492 614
Australia	Australia	4	71 842	75 638	147 480
Australia Total		4	71 842	75 638	147 480
Grand Total		54	2 599 576	7 468 137	10 067 713

Coating Processes Year 2006



Use of pre-treatment and coating processes. 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 2006 comprise reports from 100 per cent of total manufacturing area.

Value in brackets () indicates year 2005. Divested factories (Husqvarna) are not included.

Region	Country	Factories (number of)	No of factories with		
			Chlorinated Degreasing	Solvent-based painting	Enameling
Europe	Denmark	1			1
	France	4	1	3	
	Germany	2		1	1
	Great Britain	1			1
	Hungary	2			
	Italy	8			1
	Poland	3		1	
	Romania	1			1
	Russia	1			
	Spain	1			
	Sweden	5		1	1
Switzerland	2		1		
Europe Total		31 (31)	1	7	6
North America	Canada	1			1
	Mexico	2			
	USA	7	1	2	1
North America Total		10 (10)	1	2	2
South America	Brazil	5		2	
South America Total		5 (5)		2	
Asia	China	2			
	Thailand	2			
Asia Total		4 (3)			
Australia	Australia	4			1
Australia Total		4 (4)			1
Grand Total		54 (53)	2 (3)	11 (9)	9 (9)

Solvents and Oils Year 2006



Solvents and oils are substances that often require special handling in production and after use become hazardous waste.

Data for 2006 comprise reports from 100 per cent 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	Denmark	1			1,4
	France	4	9,9	3,5	8,2
	Germany	2		4,8	46,5
	Great Britain	1		4,0	25,1
	Hungary	2		1,2	16,7
	Italy	8		19,2	218,6
	Poland	3			
	Romania	1		9,8	20,8
	Russia	1			1,2
	Spain	1			155,5
	Sweden	5			3,2
	Switzerland	2			1,0
Europe Total		31	9,9	202,1	376,2
North America	Canada	1		2,2	116,5
	Mexico	2		0,0	2,5
	USA	7		32,9	452,8
North America Total		10		35,2	571,9
South America	Brazil	5			123,7
South America Total		5			123,7
Asia	China	2	0,3	9,5	7,7
	Thailand	2		0,3	0,5
Asia Total		4	0,3	9,8	8,2
Australia	Australia	4		0,5	20,6
Australia Total		4		0,5	20,6
Grand Total		54	10,2	247,6	1 100,6

Use of Ozone Depleting Substances Year 2006



Total use of the ozone depleting substance (ODS) in production processes in 1,000 CFC equivalents.

A "0.0" in the table indicates a value less than 0.05 units.

Region	Country	Units	CFC equivalents
Europe	Denmark	1	0,0
	France	4	0,0
	Germany	2	0,0
	Great Britain	1	
	Hungary	2	
	Italy	8	0,0
	Poland	3	
	Romania	1	
	Russia	1	
	Spain	1	0,0
	Sweden	5	0,0
	Switzerland	2	
Europe Total		31	0,1
North America	Canada	1	0,0
	Mexico	2	
	USA	7	0,1
North America Total		10	0,1
South America	Brazil	5	50,0
South America Total		5	50,0
Asia	China	2	0,0
	Thailand	2	0,0
Asia Total		4	0,0
Australia	Australia	4	0,0
Australia Total		4	0,0
Grand Total		54	50,1