

Material and Energy Balance Sheet

Input	ME	2000	2001	2002	2003	2004	2005	2006	% Change to 2005
Fuel...for transport									
Diesel F - 50 (HGV)	L	12,500	13,400	13,400	14,250	15,730	27,113	128,853	375
Normal Unleaded (Car)	L	35,961	30,002	21,435	8,445	1,786	3,917	394	-90
o Super Unleaded (Car)	L	89,063	76,849	78,964	60,944	32,987	21,438	5,374	-75
Diesel (Car)	L	428,037	478,448	541,004	561,717	585,589	697,024	540,372	-22
... for finished product test									
Petrol	L	2220	2332	923	3476	3437	800	3,080	285
Diesel	L	8380	10000	13540	13999	22705	18,539	16,017	-14
Energy									
Electricity consumption	KWH	3,292,800	3,104,500	3,308,640	3,333,580	3,479,480	3,440,948	3,656,789	6.3
Water consumption	m³	16,268	9,819	10,129	11,260	9,405	10,935	10,991	0.5
Gas consumption	KWH	7,277,879	6,741,546	6,657,377	7,562,508	7,006,967	6,641,323	7,162,712	7.9
Fixed format									
Sheet metal to DIN	t	1,440	1,490	1,840	1,915	1,731	1,623	1,589	-2
Parts with DIN & norm specification									
Discs DIN 9021	St	1,786,338	1,726,572	1,950,000	2,096,400	1,959,329	2,219,900	1,869,830	-16
Hexagon capped nut	St	1,278,602	1,254,776	1,365,000	1,461,000	1,607,829	1,505,620	1,696,920	13
Hexagon head screw	St	1,144,497	1,110,847	1,037,000	1,240,000	1,347,911	1,325,702	1,532,415	16
Hexagon weld nut	St	329,996	273,617	274,000	301,000	408,931	356,867	414,617	16
Suspension ring/disc	St	273,253	275,991	260,000	262,880	224,618	187,354	194,405	4
Production aids									
Composition powder	kg	27,515	21,940	20,000	21,003	19,898	17,406	22,250	28
Hydraulic oil	kg	18,713	25,767	22,000	19,114	22,894	21,830	17,809	-18
Phosphate coating agent	kg	3,255	4,584	2,700	2,040	1,560	1,680	3,600	114
Engine oil	L	2,225	2,252	2,700	1,476	3,200	1,221	1,399	15
Packaging elements									
Pallets	St	10,500	9,500	11,500	11,339	9,894	10,896	12,235	12
Inner pallets	St	2,900	2,200	2,100	2,220	2,456	1,945	2,345	21
Collapsible cardboard boxes	St	11,000	3,850	3,900	4,218	6,718	4,893	7,158	46
Electric parts									
Electric cables to VDE 0281	M	564,973	709,815	853,486	911,782	910,883	827,983	834,633	1
Flat pin bushing	St	621,000	579,000	713,000	847,000	804,773	733,637	845,483	15
Plastic bushing	St	332,800	279,000	340,000	393,000	359,959	319,268	369,378	16
cable socket	St	173,400	167,500	200,000	230,000	241,892	212,923	231,331	9
Conductor sleeve	St	115,000	111,500	130,000	150,900	101,714	95,660	99,981	5
Flat pin	St	102,000	92,000	129,000	116,000	91,457	88,206	103,520	17

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Products									
Cleaning machines and ancillary products	t	2.714	2.639	2.889	3.149	3.567	3.735	3.726	-0,2
Sewage/total									
Powder facility	m ³	17.492	9.850	10.100	10.338	8.813	10.287	10.529	2,4
Spray booth	m ³	10.495	5.910	6.060	6.203	5.288	6.172	6.317	2,4
Other consumers	m ³	5.248	2.955	3.030	3.101	2.644	3.086	3.790	22,8
Surface water	m ³	1.749	985	1.010	1.034	881	1.029	2.274	121,1
	m ³	7.802	0	0	0	17.193	17.193	17.193	0,0
Waste > 50t									
Scrap metal	t	451,0	427,0	564,0	592	654,6	681,3	881,4	29,4
Shredder waste	t	78,4	130,0	124,0	154	161,3	152,2	220,2	44,7
Cardboard	t	65,0	61,0	69,0	74	83,1	81,6	93,2	14,2
Wood	t	58,0	55,0	56,0	56	44,9	38,6	43,8	13,5
Household waste	t	71,4	72,0	53,0	61	64,8	59,3	66,7	12,5
Public waste	t	79,3	59,8	49,8	56	71,8	109,6	144,5	31,8
Emissions									
Steam	hl	8.134	4.910	5.065	5.630	6.728	6122	6.254	2,2
CO ₂	kg	8.691	8.699	9.214	6.995	7.992	8261	6.659	-19,4
Nitrogen oxide	kg	4.660	4.961	5.468	7.350	5.856	5903	5.300	-10,2
HC + NO _x	kg	4.988	5.242	5.733	7.712	6.702	6555	5.890	-10,1
Soot particles	kg	362	404	457	374	545	585	508	-13,2
HC	kg	328	281	265	362	846	652	590	-9,5
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