

Environmental Data by Manufacturing Facility outside Japan

The Americas

Overview	Manufacturing facilities	KAC				KMX	KDB	Hensley
		Komatsu America Corp.				Komatsu Mexicana S.A. de C.V.	Komatsu do Brasil Ltda.	Hensley Industries, Inc.
		Chattanooga Manufacturing Operation	Candiac Manufacturing Operation	Peoria Manufacturing Operation	Newberry Manufacturing Operation			
Location	Tennessee, U.S.A.	Quebec, Canada	Illinois, U.S.A.	South Carolina, U.S.A.	Sahagún, Mexico	São Paulo, Brazil	Texas, U.S.A.	
Main products	Hydraulic excavators, motor graders	Wheel loaders	Large wheel loaders, large dump trucks	Utility equipment (small construction equipment)	Attachments for construction and mining equipment	Hydraulic excavators, bulldozers	Buckets, teeth, edges and adapters	
Number of employees	283	259	502	136	173	689	533	
Date of ISO14001 certification acquisition	April 1998	October 1999	March 2002	March 2004	September 2001	January 2002	—	
Energy consumption	Electricity MWh	10,326	7,227	18,823	3,723	3,993	37,159	
	Heavy oil, light oil, et al. kℓ	554	—	109	—	15	126	
	Natural gas thousand m ³	1,619	445	3,057	31	—	3	
	LPG, et al. t	LPG 28	—	LPG 29	LPG 32	LPG 40	LPG 517	
	Total energy consumption GJ	187,029	42,735	288,304	39,558	40,610	187,151	
Environmental impact	CO ₂ t-CO ₂	10,219	912	23,492	2,186	2,188	20,540	
	Water consumption t	16,763	5,649	50,747	447	37,982	91,887	
	Total emissions of waste t	2,440	1,382	4,214	115	11	21,300	

Europe

Overview	Manufacturing facilities	KUK	KOHAG	KMG	KUE	KFAB
		Komatsu UK Ltd.	Komatsu Hanomag GmbH	Komatsu Mining Germany GmbH	Komatsu Utility Europe S.p.A.	Komatsu Forest AB
		Birtley, United Kingdom	Hannover, Germany	Düsseldorf, Germany	Este (PD), Italy	Umeå, Sweden
Main products	Hydraulic excavators	Wheel loaders, compactors	Ultra-large hydraulic excavators	Utility equipment (small construction equipment)	Forestry equipment	
Number of employees	449	475	391	628	368	
Date of ISO14001 certification acquisition	December 1998	September 2000	July 2002	November 2001	October 2003	
Energy consumption	Electricity MWh	10,307	8,373	6,930	5,395	2,820
	Heavy oil, light oil, et al. kℓ	931	6	8	—	—
	Natural gas thousand m ³	1,580	937	1,416	808	—
	LPG, et al. t	—	—	—	—	—
	Total energy consumption GJ	182,189	115,500	117,342	67,187	12,122
Environmental impact	CO ₂ t-CO ₂	9,179	6,627	6,661	4,538	136
	Water consumption t	16,950	6,359	13,775	14,987	5,447
	Total emissions of waste t	2,441	1,231	4,771	2,072	369

Asia

Overview	Manufacturing facilities	KI	BKC	LTK	KSC	KCCM	KCF
		PT Komatsu Indonesia Tbk	Bangkok Komatsu Co., Ltd.	L&T-Komatsu Limited	Komatsu Shantui Construction Machinery Co., Ltd.	Komatsu (Changzhou) Construction Machinery Corp.	Komatsu (Changzhou) Foundry Corporation
		Jakarta, Indonesia	Chonburi, Thailand	Bangalore, India	Shandong, China	Jiangsu, China	Jiangsu, China
Main products	Hydraulic excavators, bulldozers, wheel loaders	Hydraulic excavators	Hydraulic excavators	Hydraulic excavators	Wheel loaders, hydraulic excavators, dump trucks	Iron castings and foundry molds for construction and mining equipment	
Number of employees	703	252	663	390	207	279	
Date of ISO14001 certification acquisition	June 2000	September 2001	June 1999	December 2000	September 2000	December 1999	
Energy consumption	Electricity MWh	41,535	5,048	8,152	6,838	2,204	22,006
	Heavy oil, light oil, et al. kℓ	2,726	372	322	1,083	430	802
	Natural gas thousand m ³	—	—	—	23	—	—
	LPG, et al. t	LPG 366	LPG 63	LPG 87	Coal 3	LPG 37	Coal, LPG 8,038
	Total energy consumption GJ	521,279	71,676	105,505	77,039	36,821	519,781
Environmental impact	CO ₂ t-CO ₂	30,853	4,910	6,575	5,963	2,737	42,602
	Water consumption t	112,169	19,007	67,366	119,344	31,247	121,590
	Total emissions of waste t	15,079	373	4,812	1,587	543	17,083

- Notes 1. All data, except the number of employees, were derived from performances of all manufacturing facilities during FY2006. The number of employees was based on the companies' data as of March 31, 2007.
 2. Conversion to CO₂ and total energy consumption were based on statistical data of each region, country, and that of IEA for 2000.
 3. Total emissions of waste are expressed as a composite of the amount recycled and the amount disposed.