

Environmental Data by Manufacturing Facility outside Japan

The Americas

Overview	Manufacturing facilities	CMO	CANDIAC	PEORIA	NMO	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	170	713	534
Date of ISO14001 certification acquisition		April 1998	October 1999	March 2002	March 2004	September 2001	January 2002	—
Energy consumption	Electricity MWh	8,462	7,459	20,228	3,763	4,014	36,234	36,452
	Heavy oil, light oil, et al. kℓ	328	—	133	—	15	506	129
	Natural gas thousand m ³	1,292	594	2,701	35	—	—	3
	LPG, et al. t	—	—	LPG 53	LPG 35	LPG 37	LPG 531	—
	Total energy consumption GJ	146,113	49,168	288,656	40,271	40,646	219,165	363,976
Environmental impact	CO ₂ t-CO ₂	7,922	1,218	24,229	2,225	2,183	4,510	20,165
	Water consumption t	16,989	5,649	52,205	737	23,306	35,079	83,664
	Total emissions of waste t	1,617	1,433	3,100	93	5	10,134	26,193

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
Location		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		472	581	398	650	377
Date of ISO14001 certification acquisition		December 1998	September 2000	July 2002	November 2001	October 2003
Energy consumption	Electricity MWh	10,030	10,395	7,050	5,182	2,784
	Heavy oil, light oil, et al. kℓ	1,260	7	8	—	39
	Natural gas thousand m ³	1,528	890	1,290	871	—
	LPG, et al. t	—	—	—	—	—
	Total energy consumption GJ	190,772	134,228	114,351	67,205	13,604
Environmental impact	CO ₂ t-CO ₂	9,868	7,735	6,507	4,543	248
	Water consumption t	30,716	7,153	16,180	15,368	5,462
	Total emissions of waste t	2,161	1,609	5,373	1,867	336

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
Location		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, motor graders	Iron castings and foundry molds for construction and mining equipment
Number of employees		718	331	659	420	223	276
Date of ISO14001 certification acquisition		June 2000	September 2001	June 1999	December 2000	September 2000	December 1999
Energy consumption	Electricity MWh	42,291	6,244	9,225	9,380	2,400	22,698
	Heavy oil, light oil, et al. kℓ	2,988	604	552	1,712	553	835
	Natural gas thousand m ³	—	—	—	23	—	—
	LPG, et al. t	LPG 394	LPG 60	LPG 102	—	LPG 32	Coal, LPG 8,535
	Total energy consumption GJ	539,981	93,273	127,634	97,524	42,965	541,941
Environmental impact	CO ₂ t-CO ₂	32,037	6,398	7,950	7,634	3,182	44,640
	Water consumption t	99,111	24,339	68,656	124,821	41,646	139,000
	Total emissions of waste t	7,603	527	1,219	857	757	17,152

Notes 1. All data, except the number of employees, were derived from performances of all manufacturing facilities during FY2007.

The number of employees was based on the companies' data as of March 31, 2008.

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.