

Environmental Data by Manufacturing Facility outside Japan

The Americas

Europe

Overview	The Americas			Europe					
	CMO	PEORIA	NMO	KDB	Hensley	KUK	KOHAG	KMG	
Manufacturing facilities	Komatsu America Corp.			Komatsu do Brasil Ltda.	Hensley Industries, Inc.	Komatsu UK Ltd.	Komatsu Hanomag GmbH	Komatsu Mining Germany GmbH	
	Chattanooga Manufacturing Operation	Peoria Manufacturing Operation	Newberry Manufacturing Operation						
Location	Tennessee, U.S.A.	Illinois, U.S.A.	South Carolina, U.S.A.	São Paulo, Brazil	Texas, U.S.A.	Birtley, United Kingdom	Hannover, Germany	Düsseldorf, Germany	
Main products	Hydraulic excavators, motor graders	Large wheel loaders, large dump trucks	Utility equipment (small construction equipment)	Hydraulic excavators, bulldozers	Buckets, teeth and edges	Hydraulic excavators	Wheel loaders, compactors	Ultra-large hydraulic excavators	
Number of employees	1,812			829	497	292	531	445	
Energy consumption	Electricity (MWh)	7,483	17,587	3,097	29,880	35,745	4,525	4,675	7,231
	Heavy oil, light oil, et al. (kl)	177	140	—	490	132	239	2	9
	Natural gas (thousand m ³)	1,209	2,573	26	—	4	869	736	1,177
	LPG, et al. (t)	—	24 (LPG)	81 (LPG)	510 (LPG)	113 (LPG)	—	—	—
	Total energy consumption (GJ)	127,161	279,407	35,943	342,341	367,256	85,396	72,877	114,405
	CO ₂ (t-CO ₂)	7,054	15,408	2,059	5,329	21,073	4,569	4,232	5,075
Water consumption (t)	8,047	32,944	547	31,936	48,217	7,598	7,547	11,817	
Total emissions of waste (t)	396	2,908	338	8,530	28,968	742	596	5,178	
Date of ISO14001 certification acquisition	April 1998	March 2002	March 2004	January 2002	November 2009	December 1998	September 2000	July 2002	

Europe

Asia

Overview	Europe			Asia					
	KMR	KUE	STAVMEK	KFAB	KI	KUI	KOFI	BKC	
Manufacturing facilities	Komatsu Manufacturing Rus, LLC	Komatsu Utility Europe S.p.A.	Stavmek s.r.o.	Komatsu Forest AB	PT Komatsu Indonesia	PT Komatsu Undercarriage Indonesia	PT KOMATSU FORGING INDONESIA	Bangkok Komatsu Co., Ltd.	
Location	Yaroslavl, Russia	Este (PD), Italy	Czech Republic	Umeå, Sweden	Jakarta, Indonesia	West Java, Indonesia	West Java, Indonesia	Chonburi, Thailand	
Main products	Hydraulic excavators, forklift trucks	Utility equipment (small construction equipment)	Manufacture of sheet metal parts for construction equipment	Forestry equipment	Hydraulic excavators, bulldozers, wheel loaders	Crawler type for construction machinery, rollers	Parts for construction machinery	Hydraulic excavators	
Number of employees	155	404	119	371	971	200	406	456	
Energy consumption	Electricity (MWh)	2,957	3,189	3,784	2,418	34,127	6,913	40,448	7,995
	Heavy oil, light oil, et al. (kl)	14	—	—	—	1,132	272	1,291	590
	Natural gas (thousand m ³)	1,025	613	371	—	1,729	—	—	—
	LPG, et al. (t)	—	—	—	—	180 (LPG)	216 (LPG)	—	29 (LPG)
	Total energy consumption (GJ)	71,870	55,338	50,928	27,402	463,226	90,368	453,488	103,939
	CO ₂ (t-CO ₂)	3,043	2,509	2,724	335	30,767	6,184	31,566	5,924
Water consumption (t)	7,507	9,298	17,511	4,353	97,125	39,048	47,134	69,947	
Total emissions of waste (t)	279	872	162	259	7,146	962	5,937	693	
Date of ISO14001 certification acquisition	—	November 2001	—	October 2003	June 2000	July 2009	October 2008	September 2001	

Asia

Overview	Asia								
	BKI	LTK	KIPL	KSC	KCCM	KCF	KSD	KUCC	
Manufacturing facilities	Bangkok Komatsu Industries Co., Ltd.	L&T-Komatsu Limited	Komatsu India Pvt. Ltd.	Komatsu Shantui Construction Machinery Co., Ltd.	Komatsu (Changzhou) Construction Machinery Corp.	Komatsu (Changzhou) Foundry Corp.	Komatsu (Shandong) Construction Machinery Corp.	Komatsu Undercarriage China Corp.	
Location	Chonburi, Thailand	Bangalore, India	Chennai, India	Shandong, China	Jiangsu, China	Jiangsu, China	Shandong, China	Shandong, China	
Main products	Forklift trucks, Castiron parts for construction machinery	Hydraulic excavators	Dump trucks	Hydraulic excavators	Wheel loaders, hydraulic excavators, motor graders	Iron castings and foundry molds for construction and mining equipment	Mini construction equipment, forklift trucks, hydraulic equipment and mining equipment	Crawler type for construction machinery	
Number of employees	337	677	205	828	573	289	339	322	
Energy consumption	Electricity (MWh)	33,824	7,263	561	11,360	3,351	52,082	5,755	30,338
	Heavy oil, light oil, et al. (kl)	68	548	67	1,286	1,961	154	810	82
	Natural gas (thousand m ³)	—	—	—	406	—	—	119	1,016
	LPG, et al. (t)	160.56 (LPG)	149 (LPG)	—	—	30 (LPG)	167 (Coal, LPG, LNG)	7,919 (LNG)	—
	Total energy consumption (GJ)	347,943	101,038	8,174	179,849	110,484	531,507	523,699	347,200
	CO ₂ (t-CO ₂)	18,762	8,701	702	16,538	7,901	41,824	28,243	26,198
Water consumption (t)	62,977	59,559	23,168	179,612	108,457	100,488	52,745	92,860	
Total emissions of waste (t)	7,508	2,010	75	1,446	1,134	11,346	703	4,630	
Date of ISO14001 certification acquisition	December 2009	June 1999	January 2010	December 2000	September 2000	December 1999	—	—	

Notes 1. All data, except the number of employees, were derived from performances of all manufacturing facilities during FY2010. The number of employees was based on the companies' data as of March 31, 2011.
 2. Conversion to CO₂ and total energy consumption were based on statistical data of each region, country, and that of IEA for 2010.
 3. Total emissions of waste are expressed as a composite of the amount recycled and the amount disposed.

All values are sum of former 3 corps (KUC, KHM, KSCC)