

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	176	857	503
Date of ISO14001 certification acquisition		April 1998	October 1999	March 2002	March 2004	September 2001	January 2002	—
Energy consumption	Electricity MWh	7,833	7,181	20,680	2,015	2,780	27,564	41,758
	Heavy oil, light oil, et al. kℓ	268	—	73	—	15	458	153
	Natural gas thousand m³	1,200	629	2,765	15	—	—	3
	LPG, et al. t	—	—	LPG 26	LPG 10	LPG 19	LPG 472	—
	Total energy consumption GJ	134,188	49,482	291,465	20,968	27,997	172,943	417,128
Environmental impact	CO ₂ t-CO ₂	7,258	1,289	24,526	1,157	1,505	3,827	23,114
	Water consumption t	10,796	8,361	38,214	411	11,930	28,166	93,861
	Total emissions of waste t	723	1,117	3,838	143	6	11,207	37,780

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		476	656	410	661	402
Date of ISO14001 certification acquisition		December 1998	September 2000	July 2002	November 2001	October 2003
Energy consumption	Electricity MWh	5,494	5,852	7,355	3,494	2,890
	Heavy oil, light oil, et al. kℓ	334	6	9	—	—
	Natural gas thousand m³	967	679	1,474	449	—
	LPG, et al. t	—	—	—	—	—
	Total energy consumption GJ	94,031	81,538	123,570	41,422	12,742
Environmental impact	CO ₂ t-CO ₂	4,628	4,675	7,018	2,795	162
	Water consumption t	12,533	5,791	11,879	9,562	7,878
	Total emissions of waste t	816	1,016	5,203	1,315	367

Asia

Overview	Manufacturing facilities	KI	BKC	LTK	KIPL	KSC	KCCM	KCF
		PT Komatsu Indonesia Tbk	Bangkok Komatsu Co., Ltd.	L&T-Komatsu Limited	Komatsu India Pvt. Ltd.	Komatsu Shantui Construction Machinery Co., Ltd.	Komatsu (Changzhou) Construction Machinery Corp.	Komatsu (Changzhou) Foundry Corporation
Location		Jakarta, Indonesia	Chonburi, Thailand	Bangalore, India	Chennai, India	Shandong, China	Jiangsu, China	Jiangsu, China
Main products		Hydraulic excavators, bulldozers, wheel loaders	Hydraulic excavators	Hydraulic excavators	Dump trucks	Hydraulic excavators	Wheel loaders, hydraulic excavators, motor graders	Iron castings and foundry molds for construction and mining equipment
Number of employees		783	444	677	120	417	247	291
Date of ISO14001 certification acquisition		June 2000	September 2001	June 1999	—	December 2000	September 2000	December 1999
Energy consumption	Electricity MWh	40,331	6,433	8,643	474	8,723	2,905	23,231
	Heavy oil, light oil, et al. kℓ	2,530	657	506	133	1,133	1,276	334
	Natural gas thousand m³	—	—	—	—	41	—	—
	LPG, et al. t	LPG 282	LPG 81	LPG 105	—	—	LPG 48	Coal, LPG 5,698
	Total energy consumption GJ	497,986	98,397	106,174	9,593	118,589	75,850	449,185
Environmental impact	CO ₂ t-CO ₂	29,425	6,741	4,973	532	8,999	5,485	34,613
	Water consumption t	122,421	47,759	60,079	27,063	145,852	42,581	128,954
	Total emissions of waste t	9,573	835	3,017	121	984	1,181	16,172

Notes

- All data, except the number of employees, were derived from performances of all manufacturing facilities during FY2008. The number of employees was based on the companies' data as of March 31, 2009.
- Conversion to CO₂ and total energy consumption were based on statistical data of each region, country, and that of IEA for 2000.
- Total emissions of waste are expressed as a composite of the amount recycled and the amount disposed.