

Environmental Data by Manufacturing Facility outside Japan

The Americas

Overview		CMO	PMO	NMO	KDB	Hensley	KMC	
	Manufacturing facilities	Komatsu America Corp.			Komatsu do Brasil Ltda.	Hensley Industries, Inc.	Komatsu Germany GmbH	
		Chattanooga Manufacturing Operation	Peoria Manufacturing Operation	Newberry Manufacturing Operation			Milwaukee Manufacturing Operation	Longview Manufacturing Operation
		Location	Tennessee, U.S.A.	Illinois, U.S.A.			South Carolina, U.S.A.	São Paulo, Brazil
Main products	Hydraulic excavators, motor graders	Large wheel loaders, large dump trucks	Utility equipment (small construction equipment)	Hydraulic excavators, bulldozers	Buckets, teeth and edges	Drill Electric rope shovel	Wheel loaders Drill	
Number of employees	2,480			1,274	423	824	538	
Energy consumption	Electricity (MWh)	6,296	12,319	1,425	34,383	30,540	20,988	15,446
	Light oil, Gasoline, et al. (kℓ)	—	109	—	323	85	—	98
	Gas (thousand m ³)	74	1,808	210	745	2,835	4,447	2,190
	LPG (t)	—	36	—	68	99	—	—
	District heating (MWh)	—	—	—	—	—	—	—
	Total energy consumption (GJ)	62,770	197,225	21,962	371,717	414,527	377,578	238,086
	CO ₂ (t-CO ₂)	166	4,425	466	5,165	6,843	20,814	13,168
	Private Power generation (MWh)	0	0	0	0	116	0	0
Water input volume (t)	6,959	12,815	2,092	21,416	30,228	162,513	17,771	
Total emissions of waste (t)	933	3,118	1,048	8,685	13,136	1,168	1,568	
Date of ISO14001 certification acquisition	April 1998	March 2002	March 2004	January 2002	November 2009	—	—	

Europe

Overview		KUK	KGC	KGM	KIM	KFAB	KMR	
	Manufacturing facilities	Komatsu UK Ltd.	Komatsu Germany GmbH		Komatsu Italia Manufacturing S.p.A	Komatsu Forest AB	Komatsu Manufacturing Rus, LLC	
			Location	Hannover Plant	Düsseldorf Plant	Este (PD), Italy	Umeå, Sweden	Yaroslavl, Russia
			Main products	Birtley, United Kingdom	Hannover, Germany	Düsseldorf, Germany	Utility equipment (small construction equipment)	Forestry equipment
Number of employees	414	698	787	363	637	347		
Energy consumption	Electricity (MWh)	4,048	4,578	4,942	4,147	2,425	3,368	
	Light oil, Gasoline, et al. (kℓ)	31	5	42	—	27	33	
	Gas (thousand m ³)	810	837	931	361	—	1,202	
	LPG (t)	—	—	3	—	—	—	
	District heating (MWh)	—	2,472	—	5,368	2,160	—	
	Total energy consumption (GJ)	72,110	81,911	86,988	62,497	27,343	82,683	
	CO ₂ (t-CO ₂)	1,877	2,150	2,198	1,387	302	4,494	
	Private Power generation (MWh)	0	0	0	23	0	0	
Water input volume	14,040	10,329	6,207	10,710	3,401	8,968		
Total emissions of waste (t)	1,321	1,235	1,302	1,835	499	1,147		
Date of ISO14001 certification acquisition	December 1998	September 2000	July 2002	November 2001	October 2003	January 2014		

Asia

Overview		KI	KUI	BKC	KIPL	KSC	KCCM	KCF	KSD	
	Manufacturing facilities	PT Komatsu Indonesia Tbk	PT Komatsu Undercarriage Indonesia	Bangkok Komatsu Co., Ltd.	Komatsu India Pvt.	Komatsu Shantui Construction Machinery Co., Ltd.	Komatsu (Changzhou) Construction Machinery Corp.	Komatsu (Changzhou) Foundry Corp.	Komatsu (Shandong) Construction Machinery Corp.	
		Location	Jakarta, Indonesia	West Java, Indonesia	Chonburi, Thailand	Chennai, India	Shandong, China	Jiangsu, Chira	Jiangsu, Chira	Shandong, China
		Main products	Hydraulic excavators, bulldozers, wheel loaders	Components for construction equipment, crawler type for construction machinery pins	Hydraulic excavators, castron parts	Dump trucks Medium-sized hydraulic excavators	Hydraulic excavators	Wheel loaders, hydraulic excavators	Iron castings and foundry molds for construction and mining equipment	Mini construction equipment, hydraulic equipment, casting parts and crawler
Number of employees	1,480	863	781	744	773	511	256	891		
Energy consumption	Electricity (MWh)	20,782	31,027	16,574	3,770	12,209	6,656	28,974	49,902	
	Light oil, Gasoline, et al. (kℓ)	143	8	88	78	53	73	51	111	
	Gas (thousand m ³)	1,220	1,479	—	—	657	212	133	1,963	
	LPG (t)	140	133	173	160	10	—	1	8	
	District heating (MWh)	—	—	—	—	1,684	—	—	4,373	
	Total energy consumption (GJ)	259,640	362,180	169,224	46,733	148,977	74,343	282,123	567,889	
	CO ₂ (t-CO ₂)	18,240	25,722	9,250	3,799	11,144	5,753	22,624	43,326	
	Private Power generation (MWh)	0	0	3,159	294	27	969	0	0	
Water input volume	62,978	54,399	79,699	29,765	117,197	27,100	38,734	166,778		
Total emissions of waste (t)	3,217	365	2,751	272	773	720	9,531	6,136		
Date of ISO14001 certification acquisition	June 2000	July 2009	September 2001	January 2010	December 2000	September 2000	December 1999	September 2013		