Plant Site Data

Gunma Manufacturing Division

Gunma Manufacturing Division

Gunma Manufacturing Division, Main Plant

[Location] 1-1, Subaru-cho, Ohta, Gunma [Site area (building area)] 590,000 m² (320,000 m²)
[Products manufactured] Automobiles (R2, Pleo, Sambar models) [Number of employees] 3,279

● Water Pollution Data (Discharge: Public rivers Regulation: Water Pollution Control Law, Gunma Prefectural Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	5.8～8.6	7.65	6.75	7.2
BOD	25	21.1	0.9	3.1
SS	50	10.6	1.2	4
Oil content	5.0	1.0	0	0.4
Cadmium	0.1	0.01	0.001	0.007
Lead	0.1	0.01	0.005	0.008
Hexavalent chromium	0.5	0.05	0.04	0.045

● Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Average
NOx	Boiler	150	118	106.0
		180	58.0	58.0
		230	123.0	111.0
		250	89.0	68.2
	Dry-off oven	230	38.0	28.2
PM	Boiler	0.25	0.035	0.021
		0.3	0.190	0.089
	Dry-off oven	0.20	0.013	0.010
		0.35	0.003	0.002

Gunma Manufacturing Division, Yajima Plant

[Location] 1-1, Shoya-machi, Ohta, Gunma [Site area (building area)] 550,000 m² (230,000 m²)
[Products manufactured] Automobiles (Legacy, Impreza, Forester models) [Number of employees] 2,762

● Water Pollution Data (Discharge: Public rivers Regulation: Water Pollution Control Law, Gunma Prefectural Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	5.8～8.6	7.48	6.7	7.19
BOD	25	6.6	2.5	4.1
SS	50	7	2.3	4.5
Oil content	5.0	1.0	0	0.5
Cadmium	0.1	0.01	0.001	0.006
Lead	0.1	0.01	0.005	0.008
Hexavalent chromium	0.5	0.05	0.04	0.045

● Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Average
SOx	Boiler	49	1.20	0.8
NOx	Boiler	70	2.60	2.20
		150	117.0	117.0
		230	111.0	112.0
	Dry-off oven	230	46.0	14.8
		250	16.0	9.0
PM	Boiler	0.05	0.001	0.001
		0.25	0.031	0.016
		0.30	0.072	0.072
	Dry-off oven	0.2	0.032	0.009
		0.35	0.017	0.007

Gunma Manufacturing Division, Ohta North Plant

[Location] 27-1, Kanayama-machi, Ohta, Gunma [Site area (building area)] 40,000 m² (30,000 m²)
[Products manufactured] Automotive parts [Number of employees] 118

● Water Pollution Data (Discharge: Public rivers Regulation: Water Pollution Control Law, Gunma Prefectural Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	5.8～8.6	7.77	7.06	7.46
BOD	25	10.7	0.7	2.6
SS	50	9.6	1.1	5
Oil content	5.0	1.0	0	0.5
Cadmium	0.1	0.01	0.001	0.007
Lead	0.1	0.01	0.005	0.008
Hexavalent chromium	0.5	0.05	0.04	0.045

● Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Average
Nox	Boiler	250	78.0	67.6
	Dry-off oven	230	16.0	11.0
PM	Boiler	0.3	0.089	0.039
	Dry-off oven	0.35	0.015	0.013

Gunma Manufacturing Division, Oizumi Plant

[Location] 1-1-1, Izumi, Oizumi-machi, Oura-gun, Gunma [Site area (building area)] 400,000 m² (180,000 m²)
[Products manufactured] Automotive engines, transmissions [Number of employees] 1,612

● Water Pollution Data (Discharge: Public rivers Regulation: Water Pollution Control Law, Gunma Prefectural Ordinances, Pollution Control Agreement with Ohta-city and Oizumi-machi)

Substance	Regulated values	Maximum	Minimum	Average
pH	5.8～8.6	7.3	6.87	7.14
BOD	10	5.7	0.2	2.4
SS	10	4.3	0.6	2.3
Oil content	3.0	0.3	0	0.7
Cadmium	0.1	0.01	0.001	0.006
Lead	0.1	0.01	0.005	0.008
Hexavalent chromium	0.5	0.05	0.04	0.045

● Air Pollution Data (Regulation: Air Pollution Control Law, Pollution Control Agreement with Ohta-city and Oizumi-machi)

Substance	Facilities	Regulated values	Maximum	Average
NOx	Boiler	150	100.0	92.6
	Melting furnace	180	61.0	32.4
PM	Boiler	0.25	0.057	0.024
	Melting furnace	0.2	0.068	0.023
Dioxins	Dry-off oven	5	0.032	0.017

[Data measurement] April 2003–March 2004
● Water Pollution [Notations] —pH: Hydrogen-ion concentration, BOD: Biochemical oxygen demand, SS: Concentration of suspended solids in water
[Units] —mg/l, except pH
● Air Pollution [Notations] —HCL: Hydrogen chloride
[Units] —SOx: m³N/h, NOx: ppm, PM: g/m³N, HCL: mg/m³N, Dioxins: ng-TEQ/m³N

Gunma Manufacturing Division, PRTR (All plants total)

●PRTR

(The substances, whose amounts were one ton and over per year, are written below. The substances marked with ✻ are Specified Class 1 Designated Chemicals.) [Units: Tons/year, Dioxins: mg-TEQ/year]

Code	CAS Number	Chemical Substance	Amount handled	Air release	Water release (public water)	Transfer	Consumption	Solvent wiping Removal	Recycle	Landfill
1	none	Zinc compound (Water soluble)	24.01		0.26	4.82	18.94			0
9	103-23-1	Bis (2-ehtylhexyl) adipate	1.28				1.26	0.01		0
16	141-43-5	2- Aminoethanol	4.30		0.35	0.04		3.91		0
30	25068-38-6	Chloro-2,3-epoxypropane	16.49			2.30	14.02	0.17		0
40	100-41-4	Ethylbenzene	435.44	244.82	0.44		48.53	8.66	132.98	0
43	107-21-1	Ethylene glycol	795.66				795.66			0
63	1330-20-7	Xylene	1,091.54	550.33	0.97		218.54	20.75	300.96	0
176	none	Organotin compound	2.79		0.01	0.13	2.65			0
179*	–	Dioxins	0.51	0.51						0
224	108-67-8	1,3,5-trimethylbenzene	29.79	17.71			2.19	1.01	8.87	0
227	108-88-3	Toluene	751.62	353.22	1.64		292.30	40.26	64.21	0
232*	none	Nickel compound	5.26		0.23	3.83	1.20			0
272	117-81-7	Bis (2-ethylhexyl) phthalate	80.71	0.001		3.64	77.07			0
283	none	Hydrogen fluoride and water-soluble salts	6.62		1.15	5.46				0
299*	71-43-2	Benzene	17.32	0.02			17.30			0
309	9016-45-9	Poly (oxyethylene) =nonylphenyl ether	1.19		0.09	0.92	0.09	0.10		0
310	50-00-0	Formaldehyde	1.66	1.66						0
311	none	Manganese and its compounds	8.11		0.21	3.95	3.96			0
Total			3,273.77	1,167.77	5.36	25.07	1,493.69	74.87	507.02	0

Utsunomiya Manufacturing Division

Utsunomiya Manufacturing Division

Utsunomiya Manufacturing Division, Main Plant

[Location] 1-1-11, Yonan, Utsunomiya, Tochigi [Site area (building area)] Eco Technologies Company : 170,000 m² (50,000 m²), Aerospace Company: 190,000 m² (90,000 m²)
[Products manufactured] Eco Technologies Company: Refuse collection vehicles, environmental equipment, Aerospace company: Aircraft, unmanned aircraft, space-related equipment
[Number of employees] Eco Technologies Company: 251, Aerospace Company: 1,642

● Water Pollution Data (Discharge: Public sewage works Regulation: Sewerage Law and the Utsunomiya City Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
PH	More than 5, less than 9	8.4	6.3	7.4
BOD	Less than 600	308.0	0.5	49.6
SS	Less than 600	406.0	＜1.0	＜62.4
Oil content	5	3.8	＜1.0	＜1.27
Fluorine compounds	8	1.2	＜0.2	＜0.46
Cadmium	0.1	0.03	＜0.005	＜0.009
Cyanide	1	0.1	＜0.1	＜0.1
Hexavalent- chromium	0.1	0.03	＜0.002	＜0.018
Total chromium	2	0.16	＜0.01	＜0.029

● Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Minimum	Average
SOx	Boiler	8	3.39	0.04	0.49
	Oven	8	0.20	0.05	0.11
NOx	Boiler	250	73	58	66
		230	85	66	73
		180	136	30	65
		150	60	60	60
	Oven	230	68	25	45
PM	Boiler	0.3	0.008	0.002	0.005
		0.25	0.007	0.002	0.004
	Oven	0.2	0.006	0.001	0.003

Utsunomiya Manufacturing Division, South Plant

[Location] 1388-1, Esojima, Utsunomiya, Tochigi [Site area (building area)] 140,000 m² (30,000 m²)
[Products manufactured] Aircraft [Number of employees] 514

● Water Pollution Data (Discharge: Public sewage works Regulation: Sewerage Law and the Utsunomiya City Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	More than 5, less than 9	7.8	6.8	7.2
BOD	Less than 600	226	2.7	＜50.8
SS	Less than 600	118	＜1.0	＜43.1
Oil content	5	3.8	＜1.0	＜1.29
Cadmium	0.1	＜0.005	＜0.005	＜0.005
Cyanide	1	＜0.1	＜0.1	＜0.1
Hexavalent- chromium	0.1	＜0.02	＜0.002	＜0.017
Total chromium	2	0.05	＜0.01	＜0.014

● Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Minimum	Average
SOx	Boiler	8	0.74	0.11	0.26
NOx		180	100	76	88
PM		0.3	0.005	0.002	0.004

[Data measurement] April 2003–March 2004
● Water Pollution [Notations] —pH: Hydrogen-ion concentration, BOD: Biochemical oxygen demand, SS: Concentration of suspended solids in water
[Units] —mg/l, except pH
● Air Pollution [Notations] —HCL: Hydrogen chloride
[Units] —SOx: m³N/h, NOx: ppm, PM: g/m³N, HCL: mg/m³N, Dioxins: ng-TEQ/m³N

Utsunomiya Manufacturing Division, South No. 2 Plant

[Location] 2-810-4, Miyanouchi, Utsunomiya, Tochigi [Site area (building area)] 100,000 m² (20,000 m²)
[Products manufactured] Aircraft [Number of employees] 139

● Water Pollution Data (Discharge: Public sewage works Regulation: Sewerage Law and the Utsunomiya City Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	More than 5, less than 9	7.9	6.8	7.2
BOD	Less than 600	203	0.8	28.8
SS	Less than 600	223	<1.0	<30.0
Oil content	5	3.2	<1.0	<1.15
Fluorine compounds	8	0.9	<0.2	<0.29
Cadmium	0.1	<0.005	<0.005	<0.005
Cyanide	1	<0.1	<0.1	<0.1
Hexavalent- chromium	0.1	0.05	<0.02	<0.022
Total chromium	2	0.25	<0.01	<0.062

● Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Minimum	Average
SOx	Boiler	8	1.54	0.27	0.67

Utsunomiya Manufacturing Division, Handa Plant

[Location] 1-27, Shiohi-cho, Handa, Aichi [Site area (building area)] 50,000 m² (5,000 m²)
[Products manufactured] Aircraft [Number of employees] 75

● Water Pollution Data (Discharge: Public rivers Regulation: Water Pollution Control Law, Aichi Prefectural Ordinances, Handa City Ordinances, and Pollution Control Agreements with Handa City)

Substance	Regulated values	Maximum	Minimum	Average
pH	6～8	7.4	6.6	7.2
BOD	25	4.2	1.6	2.2
COD	25	13	2.4	5.1
SS	25	8	3	4
Oil content	5	<0.5	<0.5	<0.5
Cadmium	0.1	<0.005	<0.005	<0.005
Cyanide	1	<0.1	<0.1	<0.1
Hexavalent- chromium	0.5	<0.04	<0.04	<0.04
Total chromium	2	<0.04	<0.04	<0.04

●Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Minimum	Average
SOx	Boiler	1.5	0.25	0.14	0.19
NOx		180	98	82	92
PM		0.1	0.002	0.002	0.002

Utsunomiya Manufacturing Division, PRTR (All Plants Total)

●PRTR

(The substances, whose amounts were one ton and over per year, are written below. The substances marked with ✻ are Specified Class 1 Designated Chemicals.) [Units: Tons/year, Dioxins: mg-TEQ/year]

Code	CAS Number	Chemical Substance	Amount handled	Air release	Water release (Public water)	Transfer	Consumption	Solvent wiping Removal	Recycle	Landfill
63	1330-20-7	Xylene	30.96	17.83	0	6.73	2.98	0	3.42	0
69*	none	Hexavalent chromium compound	2.07	0	0	0.71	0.17	1.18	0	0
227	108-88-3	Toluene	24.80	17.42	0	4.18	2.93	0	0.27	0
311	none	Manganese and its compounds	1.78	0	0	0.55	1.23	0	0	0
Total			59.62	35.25	0	12.18	7.32	1.18	3.69	0

Saitama Manufacturing Division

Saitama Manufacturing Division

[Location] 4-410, Asahi, Kitamoto, Saitama [Site area (building area)] 140,000 m² (90,000 m²)
[Products manufactured] Multipurpose engines (Robin engines), engine generators, engine pumps [Number of employees] 604

● Water Pollution Data (Discharge: Public sewage works Regulation: Kitamoto City Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	5.0～9.0	8.5	6.3	7.6
BOD	600	180	57	94
SS	600	445	133	245
N-Hexane	30	12.6	1.4	6.5

● Air Pollution Data

Though the intended facility is the incinerator, it was eliminated on September 28, 2001.

●PRTR

(The substances, whose amounts were one ton and over per year, are written below. The substances marked with ✻ are Specified Class 1 Designated Chemicals.) [Units: Tons/year, Dioxins: mg-TEQ/year]

Code	CAS Number	Chemical Substance	Amount handled	Air release	Water release (Public water)	Transfer	Consumption	Solvent wiping Removal	Recycle	Landfill
40	100-41-4	Ethylbenzene	1.95	0.02	0	0	1.93	0	0	0
43	107-21-1	Ethylene glycol	2.68	0	0	0	2.68	0	0	0
63	1330-20-7	Xylene	10.19	0.08	0	0	10.11	0	0	0
224	108-67-8	1,3,5 –trimethylbenzene	1.36	0.01	0	0	1.35	0	0	0
227	108-88-3	Toluene	16.82	0.20	0	0	16.62	0	0	0
299*	71-43-2	Benzene	0.70	0.03	0	0	0.67	0	0	0
Total			33.69	0.33	0	0	33.36	0	0	0

[Data measurement] April 2003–March 2004
● Water Pollution [Notations] —pH: Hydrogen-ion concentration, BOD: Biochemical oxygen demand, SS: Concentration of suspended solids in water
[Units] —mg/l, except pH
● Air Pollution [Notations] —HCL: Hydrogen chloride
[Units] —SOx: m^3N/h, NOx: ppm, PM: g/m^3N, HCL: mg/m^3N, Dioxins: $ng\text{-}TEQ/m^3N$

Isesaki Plant


Isesaki Plant

[Location] 100, Suehiro-cho, Isesaki, Gunma [Site area (building area)] 150,000 m² (110,000 m²)
[Products manufactured] Automobile repair parts, prefabricated houses [Number of employees] 152

● Water Pollution Data (Discharge: Public sewage works Regulation: Isesaki City Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	More than 5.7, less than 8.7	7.8	6.1	7.0
BOD	Less than 300	150	45	108
SS	Less than 300	82	6	30
Oil Content	5	2	2	2
Zinc	5	3.8	0.12	1.65
Soluble iron	10	0.08	0.01	0.04
Total Nitrogen	150	21.0	5.4	10.52
Total Phosphorus	20	11.0	1.3	5.62
Chromium	2	0.01	0.01	0.01
Lead	0.1	0.01	0.01	0.01

●Air Pollution Data (Regulation: Air Pollution Control Law)

Substance	Facilities	Regulated values	Maximum	Average
SOx	Boiler	6.2	0.044	0.033
NOx		180	120	89
PM		0.3	0.021	0.012

●PRTR

(The substances, whose amounts were one ton and over per year, are written below. The substances marked with ✻ are Specified Class 1 Designated Chemicals.) [Units: Tons/year, Dioxins: mg-TEQ/year]

Code	CAS Number	Chemical Substance	Amount handled	Air release	Water release (Public water)	Transfer	Consumption	Solvent wiping Removal	Recycle	Landfill
63	1330-20-7	Xylene	9.31	3.48	0	0	5.44	0	0.39	0
227	108-88-3	Toluene	8.91	2.37	0	0	6.27	0	0.26	0
272	117-81-7	Bis (2-ethylhexyl) phthalate	1.94	0	0	0.06	1.88	0	0	0
Total			20.15	5.86	0	0.06	13.59	0	0.65	0

Tokyo Office


Tokyo Office

[Location] 3-9-6, Osawa, Mitaka, Tokyo
[Site area (building area)] 160,000 m² (90,000 m²) [Number of employees] 997

● Water Pollution Data (Discharge: Public sewage works Regulation: Mitaka City Ordinances)

Substance	Regulated values	Maximum	Minimum	Average
pH	More than 5.7, less than 8.7	8.4	7.6	8.2
BOD	Less than 300	140	18	61
SS	Less than 300	97	12	43
Oil content	5	ND	ND	ND
Manganese	10	0.12	ND	0.05

● Air Pollution Data (Regulation: Tokyo Pollution Control Ordinances)

Substance	Facilities	Regulated values	Maximum	Average
SOx	Boiler	0.263	0.055	0.037
NOx		90	71	62
PM		0.3	0.015	0.006

●PRTR

(The substances, whose amounts were one ton and over per year, are written below. The substances marked with ✻ are Specified Class 1 Designated Chemicals.) [Units: Tons/year, Dioxins: mg-TEQ/year]

Code	CAS Number	Chemical Substance	Amount handled	Air release	Water release (Public water)	Transfer	Consumption	Solvent wiping Removal	Recycle	Landfill
40	100-41-4	Ethylbenzene	19.32	0.001	0	0	19.32	0	0	0
63	1330-20-7	Xylene	93.77	0.004	0	0	93.76	0	0	0
224	108-67-8	1,3,5 - trimethylbenzene	12.48	0	0	0	12.48	0	0	0
227	108-88-3	Toluene	212.32	0.035	0	0	212.29	0	0	0
299*	71-43-2	Benzene	6.44	0.004	0	0	6.432	0	0	0
Total			344.32	0.044	0	0	344.28	0	0	0

[Data measurement] April 2003–March 2004
● Water Pollution [Notations] —pH: Hydrogen-ion concentration, BOD: Biochemical oxygen demand, SS: Concentration of suspended solids in water
[Units] —mg/l, except pH
● Air Pollution [Notations] —HCL: Hydrogen chloride
[Units] —SOx: m³N/h, NOx: ppm, PM: g/m³N, HCL: mg/m³N, Dioxins: ng-TEQ m³N

Product Data

Automobiles

Model				Legacy Outback	Legacy B4 (Sedan)	Impreza Sedan	Forester	R2	Sambar Van
				3.0R	2.0i	1.5i	XT	R	VC
Date sales began				2004/2	2004/2	2003/9	2004/2	2004/2	2004/1
Vehicle type				CBA-BPE	CBA-BL5	LA-GD3	TA-SG5	CBA-RA1	LE-TV2
Drive train	Drive system			AWD	AWD	AWD	AWD	2WD	4WD
	Transmission			5AT	4AT	5MT	4AT	CVT	5MT
Engine	Model			EZ30	EJ20	EJ15	EJ20	EN07	EN07
	Displacement (l)			2.999	1.994	1.493	1.994	0.658	0.658
	Type			Horizontally opposed 6-cylinder 3.0 L, DOHC, 24-valve, variable valve timing + direct variable valve lift	Horizontally opposed 4-cylinder 2.0 L, SOHC, 16-valve	Horizontally opposed 4-cylinder 1.5 L, SOHC, 16-valve	Horizontally opposed 4-cylinder, 2.0 L, DOHC, 16-valve,air-cooled intercooler turbo (variable valve timing)	In-line 4-cylinder, DOHC 16-valve (variable valve timing)	Water-cooled in-line 4-cylinder, SOHC
Weight (kg)				1520～1570	1330～1360	1230	1420～1440	810	930～940
Environmental Information	Law on Promoting Green Purchasing adopted			○	○	○	○	○	○
	Fuel consumption rate	10-15 mode fuel economy (km/l)		11.0	14.0	16.0	13.0	24.0	16.6
		CO_2 emissions (g/km)		214.4	168.5	147.4	181.4	98.3	142.1
		Ref.	FY 2010 fuel economy standard achieved	○	○	○	○	○	○
	Exhaust emissions	Regulations adopted		Year 2005 Standards	Year 2005 Standards	Year 2000 Standards	Year 2000 Standards	Year 2005 Standards	Year 2002 Standards
		Certification level of low emission vehicles		U-LEV	U-LEV	Excellent low emission vehicle	Good low emission vehicle	U-LEV	Excellent low emission vehicle
		10-15 mode or 10-15 + 11 mode regulation figures	CO (g/km)	1.15	1.15	0.67	0.67	1.15	3.30
			HC (g/km)	—	—	0.04	0.06	—	0.07
			NMHC (g/km)	0.025	0.025	—	—	0.025	—
			NOx (g/km)	0.025	0.025	0.04	0.06	0.025	0.07
		Ref.	Low-pollution vehicle system designated by seven Kanto area prefectures and cities	○ (50% reduction in emissions from 2005 standards)	○ (50% reduction in emissions from 2005 standards)	○ (Excellent low pollution vehicle)	○ (Good low pollution vehicle)	○ (50% reduction in emissions from 2005 standards)	○ (Excellent low pollution vehicle)
			LEV-6 designation by six Keihanshin area prefectures and cities	○(17ULEV)	○(17ULEV)	○(LEV)	○(TLEV)	○(17ULEV)	○(LEV)
	Noise	Regulations adopted		Year 1998 Standards	Year 1998 Standards	Year 1998 Standards	Year 1998 Standards	Year 1998 Standards	Year 2000 Standards
		Acceleration noise regulation figures (dB-A)		76	76	76	76	76	76
	Air conditioner	Type of refrigerant		HFC134a	HFC134a	HFC134a	HFC134a	HFC134a	HFC134a
		Amount of refrigerant used (g)		400	400	500	600	400	400
	Amount of lead used			JAMA year 2005 target achieved (less than one-third of year 1996 levels)	JAMA year 2005 target achieved (less than one-third of year 1996 levels)	JAMA year 2005 target achieved (less than one-third of year 1996 levels)	JAMA year 2005 target achieved (less than one-third of year 1996 levels)	JAMA year 2005 target achieved (less than one-third of year 1996 levels)	JAMA year 2005 target achieved (less than one-third of year 1996 levels)
	Recycling	Design to improve recyclability		Display of material symbols on plastic and rubber parts over 100 g. Facilitation of removal of air bags and rear lamp	Display of material symbols on plastic and rubber parts over 100 g. Facilitation of removal of air bags and rear lamp	Display of material symbols on plastic and rubber parts over 100 g. Easier to dismantle seats, instrument panel, and others	Display of material symbols on plastic and rubber parts over 100 g	Display of material symbols on plastic and rubber parts over 100 g	Display of material symbols on plastic and rubber parts over 100 g
		Use of recycled materials		Use of materials from used fishnet for intake mechanism parts and from clothing scraps for interior parts	Use of materials from used fishnet for intake mechanism and from clothing scraps for interior parts	Use of materials recycled from PET bottles for insulators and from used paper for vibration absorbing materials	Use of materials from clothing scraps for interior parts and from used paper for vibration absorbing materials	Use of materials recycled from collected bumpers, PET bottles, and clothing scraps for interior parts	Use of materials recycled form clothing scraps for sound insulators and from collected bumpers for covers
		Matters for special mention		Expand the use of easily-recycled olefin resin such as PP, TPO, and others	Expand the use of easily-recycled olefin resin such as PP, TPO, and others	Use of easily-recycled TPO plastic for instrument panel, door trim, and others	Polyurethane seat pad is placed on top of the pan frame facilitating disengagement	Frequent use of easily-recycled PP plastic for instrument panel, door trim, and others	Fit-in type glove box is fitted in the instrument panel facilitating disengagement

Generators

		Portable generator	Gasoline soundproof inverter generator			Gasoline inverter generator	
Major foundation	Model	SGi14	SGi25S	SGi28SE	SGi38SE	SGi25	SGi28
	Length × width × height (mm)	490 × 295 × 445	537 × 482 × 583		573 × 527 × 618	487 × 432 × 475	
	Dry weight (kg)	20.5	54	59	74	37	38
	Equipped engine	EH09	EX17	EX21	EX27	EX17	EX21
	Total displacement (mL)	85.8	169	212	265	169	212
Major ability	50Hz rating (kW)	1.35	2.5	2.8	3.7	2.5	2.8
	60Hz rating (kW)	1.35	2.5	2.8	3.7	2.5	2.8
	Rated load noise level (50/60) (dBA)	59	58	58	62	67	67
	Rated continued operation time (50/60) (HR)	3.5	7.6	6.5	5.3	7.6	6.5
	Generation method	Inverter	Inverter	←	←	Inverter	←
	Starting method	Recoil	Recoil	Cell/ Recoil	←	Recoil	←
Response to regulations	Conformity to EPA 2005 regulations	Conforms	Conforms	←	←	Conforms	←
	Conformity to CARB 2005 regulations	Conforms	Conforms	←	←	Conforms	←
	Conformity to EU exhaust emission regulations	Conforms	Conforms	←	←	Conforms	←
	EU noise regulations Stage II sound guarantee values (dBA)	90	90	91	93	95	96

(Reference) Exhaust Emissions Regulations

US exhaust emissions regulations	Category	Class	Emission amount (mL)	CO (g/kW·h)	HC+NOx (g/kW·h)
EPA after 2005 Regulations (Phase II)	Non-handheld	Class I-B	66≦mL＜100	610	40
	Non-handheld	Class I	100≦mL＜225		16.1
	Non-handheld	Class II	225≦mL		12.1
CARB after 2005 Regulations	Small off road	Horizontal	80＜mL＜225	549	16.1
	Small off road		225≦mL		12.1

EU exhaust emissions regulations	Category	Class	Emission amount (mL)	CO (g/kW·h)	HC+NOx (g/kW·h)
EU 97/68/EC-2002/88/EC	Non-handheld	Stage II	66≦mL＜100	610	40
	Non-handheld	Stage I	100≦mL＜225	519	16.1
	Non-handheld	Stage I	225≦mL		13.4

(Reference) Noise Regulations

EU noise regulations	Generator output (kW)	Stage II regulations (dBA)
EU 2000/14/EC	P≦2 kW	95+logP
	2 kW＜P≦10 kW	96+logP
	10 kW＜P	95+logP

Other Data

Qualified Personnel in Pollution Control Management

Qualification type			Total number of personnel holding qualifications
Pollution control managers	Chief managers		4
	Air-related	Type 1	6
		Type 2	7
		Type 3	36
		Type 4	14
	Water-related	Type 1	10
		Type 2	36
		Type 3	12
	Noise-related		48
	Vibration-related		41
	Tokyo Pollution Control Managers		2
Energy management experts	Heat management		20
	Electronic management		15
Working environment measurement experts			8
Technical managers for industrial waste			15
Management representatives for industrial waste subject to special control			37
Internal environmental auditors (internal qualification)			497

As of March 31, 2004

Number of Employees Receiving Environmental Education by Level

Type of education or training	Number of employees receiving education
Education for new employees	248
Education for persons newly promoted	1,461
Total	1,709

Between April 2003–March 2004