

**Environmental impact data of Manufacturing Facilities in Japan:
Headquarters, Mizuho Manufacturing Facility, Hoshizaki Manufacturing Facility,
Minato Manufacturing Facility, Momozono Manufacturing Facility,
Kariya Manufacturing Facility, Research & Development Center, Logistics Center**

		Unit	FY2013	FY2014	FY2015	
● Resource consumption amount* ¹		t	11,011	23,934	20,021	
● Total energy consumption						
Electricity		MWh	38,493	37,529	36,164	
Steam		t	0	0	0	
LPG/LNG		t	49 ^{*3}	0	0	
City gas		m ³	634,565	706,723 ^{*3}	692,943	
Oil, etc.		kL	39	38	38	
● Emissions of greenhouse gases		t-CO ₂	16,033	15,659	15,117	
● Water consumption						
Water intake	Clean water	m ³	104,890	101,060	93,989	
	Industrial water	m ³	0	0	0	
	Underground water	m ³	0	0	0	
Amount of wastewater	Public water	m ³	14,241	16,224 ^{*5}	16,428	
	Sewer system	m ³	89,658	83,739	76,432	
Amount of recycled water		m ³	0 ^{*4}	0 ^{*4}	0	
Water pollution load ^{*2}	BOD (biological oxygen demand)		mg/l	23 ^{*4}	25	35
	COD (chemical oxygen demand)		mg/l	9	10	10
	n-hexane	Mineral oils	mg/l	1	Less than 1	5
		Animal and vegetable oils	mg/l	6	7	
	SS (suspended solids)		mg/l	21 ^{*4}	10	24
● Waste amount						
Production-related waste		t	1,937	2,302 ^{*6}	1,998	
Amount of waste recycled		t	1,937	2,302 ^{*6}	1,998	
Recycle rate		%	100	100	100	
Amount of landfill waste		t	0	0	0	
Rate of landfill waste		%	0	0	0	

*1: The calculation method was changed in FY2015 (April 1, 2015-March 31, 2016).

*2: These are the average values of the Hoshizaki Manufacturing Facility, Minato Manufacturing Facility, Momozono Manufacturing Facility, Kariya Manufacturing Facility, and the Logistics Center.

*3: The fuel for the catalytic combustion facility installed at the Kariya Manufacturing Facility was changed from LPG to city gas.

*4: The values were revised because unnecessary values were contained within the scope of aggregation.

*5: The value increased due to increased personnel at the Kariya Manufacturing Facility.

*6: The values increased due to increased production volume primarily at the Kariya Manufacturing Facility.

Outline of Manufacturing Facility(as of March 31, 2016)

Headquarters



Location: Nagoya, Aichi Prefecture, Japan

Land area: 4,554 m²

Establishment year: 1961

Mizuho Manufacturing Facility



Location: Nagoya, Aichi Prefecture, Japan

Main line of business: Research and development of telecommunication/printing equipment, electronic stationery, and home sewing machines

Land area: 42,102 m²

Establishment year: 1950

Hoshizaki Manufacturing Facility



Location: Nagoya, Aichi Prefecture, Japan

Main line of business: Processing of printer heads

Land area: 32,687 m²

Establishment year: 1939

Minato Manufacturing Facility



Location: Nagoya, Aichi Prefecture, Japan

Main line of business: Production of garment printers

Land area: 27,200 m²

Establishment year: 1952

Momozono Manufacturing Facility



Location: Nagoya, Aichi Prefecture, Japan

Main line of business: Research and development

Land area: 4,085 m²

Establishment year: 1963

Kariya Manufacturing Facility



Location: Kariya, Aichi Prefecture, Japan

Main line of business: Production of telecommunication/printing equipment, electronic stationery, industrial sewing machines, and machine tools

Land area: 133,311 m²

Establishment year: 1966

Research & Development Center



Location: Nagoya, Aichi Prefecture, Japan

Main line of business: Research and development

Land area: 4,655 m²

Establishment year: 2007

Logistics Center



Location: Nagoya, Aichi Prefecture, Japan

Main line of business: Logistics

Land area: 22,651 m²

Establishment year: 1998