Environmental impact data of Brother Machinery Xian Co., Ltd.

		Unit	FY2013	FY2014
● Resource consumption amount				
○ Product material				
Metal		t	8,798	10,763[*1]
Plastic		t	157	114[*1]
Other		t	876	1,088[*1]
○ Other materials (main materials)				
Expanded polystyrene for packaging		t	189	118[*2]
Corrugated fiberboard		t	378	272[*2]
Paper		t	59	50[*2]
● Total energy consumption				
Electricity		MWh	9,063	8,998
Steam		t	0	0
LPG/LNG		t	0	0
City gas		m^3	369,419	296,293[*3]
Oil, etc.		kl	17	6
● Emissions of greenhouse gases		$t\text{-}CO_2$	4,191	3,998
● Water consumption				
Water intake	Clean water	m^3	21,852	23,912
	Industrial water	m^3	14,568	10,248
	Underground water	m^3	0	0
Amount of wastewater	Public water	m^3	0	0
	Sewer system	m^3	29,357	26,963
Amount of recycled water		m^3	0	0
Water pollution load	BOD (biological oxygen demand)	mg/l	-	-
	COD (chemical oxygen demand)	mg/l	77	126
	n-hexane — Mineral oils	mg/l	Less than 1	-
	n-hexane — Animal and vegetable oils	mg/l	2	3
	SS (suspended solids)	mg/l	70	25
● Waste amount				
Production-related waste		t	529	632
Amount of waste recycled		t	529	632
Recycle rate		%	100	100
Amount of landfill waste		t	0	0
Rate of landfill waste		%	0	0

*: Factories at different locations were integrated with the new manufacturing facility. For this reason, the data after FY2013 is indicated.
[*1]: The values increased/decreased due to changes in production.
[*2]: The values are based on the reviewed aggregation method.
[*3]: The value decreased due to decreased gas consumption in the coating process.

Outline of Manufacturing Facility (as of March 31, 2015)

Location: Shaanxi, China

Main line of business: Production of industrial sewing machines and machine tools

Land area: 103,232 m^2

Establishment date: August 3, 2001