

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

		Unit	FY2013	FY2014	FY2015	
● Resource consumption amount* ¹		t	10,456	12,405	10,250	
● Total energy consumption						
Electricity		MWh	9,063	8,998	8,710	
Steam		t	0	0	0	
LPG/LNG		t	0	0	0	
City gas		m ³	369,419	296,293 ^{*2}	271,292	
Oil, etc.		kL	17	6	3	
● Emissions of greenhouse gases		t-CO ₂	4,191	3,998	3,832	
● Water consumption						
Water intake	Clean water	m ³	21,852	23,912	23,535	
	Industrial water	m ³	14,568	10,248	7,845	
	Underground water	m ³	0	0	0	
Amount of wastewater	Public water	m ³	0	0	0	
	Sewer system	m ³	29,357	26,963	24,552	
Amount of recycled water		m ³	0	0	0	
Water pollution load	BOD (biological oxygen demand)		mg/l	-	-	60
	COD (chemical oxygen demand)		mg/l	77	126	132.7
	n-hexane	Mineral oils	mg/l	Less than 1	-	2.2
		Animal and vegetable oils	mg/l	2	3	0.3
	SS (suspended solids)		mg/l	70	25	35
● Waste amount						
Production-related waste		t	529	632	620	
Amount of waste recycled		t	529	632	620	
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.

*2: The value decreased due to decreased gas consumption in the coating process.

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



Location: Shaanxi, China

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

Land area: 103,232 m²

Establishment date: August 3, 2001