

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

		Unit	FY2014	
● Resource consumption amount				
○ Product material				
	Metal	t	1,231	
	Plastic	t	39	
	Other	t	73	
○ Other materials (main materials)				
	Expanded polystyrene for packaging	t	64	
	Corrugated fiberboard	t	116	
	Paper	t	6	
● Total energy consumption				
	Electricity	MWh	1,672	
	Steam	t	0	
	LPG/LNG	t	173	
	City gas	m ³	0	
	Oil, etc.	kl	2	
● Emissions of greenhouse gases		t-CO ₂	1,156	
● Water consumption				
Water intake	Clean water	m ³	9,200	
	Industrial water	m ³	0	
	Underground water	m ³	0	
Amount of wastewater	Public water	m ³	0	
	Sewer system	m ³	5,424	
Amount of recycled water		m ³	0	
Water pollution load	BOD (biological oxygen demand)		mg/l	11
	COD (chemical oxygen demand)		mg/l	20
	n-hexane	Mineral oils	mg/l	-
		Animal and vegetable oils	mg/l	
	SS (suspended solids)		mg/l	-
● Waste amount				
Production-related waste		t	45	
Amount of waste recycled		t	44	
Recycle rate		%	97.9	
Amount of landfill waste		t	0.9	
Rate of landfill waste		%	2.1	

*: All the environmental impact data is subject to aggregation from FY2014 because this is a new manufacturing facility.

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



Location: Hai Duong Province, Vietnam

Main line of business: Production of industrial sewing machines

Land area: 25,700 m²

Establishment date: April 1, 2013