

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

|                                    |                                    | Unit                      | FY2013 |           |
|------------------------------------|------------------------------------|---------------------------|--------|-----------|
| ● Resource consumption amount      |                                    |                           |        |           |
| ○ Product material                 |                                    |                           |        |           |
|                                    | Metal                              | t                         | 8,798  |           |
|                                    | Plastic                            | t                         | 157    |           |
|                                    | Other                              | t                         | 876    |           |
| ○ Other materials (main materials) |                                    |                           |        |           |
|                                    | Expanded polystyrene for packaging | t                         | 189    |           |
|                                    | Corrugated fiberboard              | t                         | 378    |           |
|                                    | Paper                              | t                         | 59     |           |
| ● Total energy consumption         |                                    |                           |        |           |
|                                    | Electricity                        | MWh                       | 9,063  |           |
|                                    | Steam                              | t                         | 0      |           |
|                                    | LPG/LNG                            | t                         | 0      |           |
|                                    | City gas, etc.                     | m <sup>3</sup>            | 0      |           |
|                                    | Oil, etc.                          | kl                        | 17     |           |
| ● Emissions of greenhouse gases    |                                    | t-CO <sub>2</sub>         | 4,191  |           |
| ● Water consumption                |                                    |                           |        |           |
| Water intake                       | Clean water                        | m <sup>3</sup>            | 21,852 |           |
|                                    | Industrial water                   | m <sup>3</sup>            | 14,568 |           |
|                                    | Underground water                  | m <sup>3</sup>            | 0      |           |
| Amount of wastewater               | Public water                       | m <sup>3</sup>            | 0      |           |
|                                    | Sewer system                       | m <sup>3</sup>            | 29,357 |           |
| Amount of recycled water           |                                    | m <sup>3</sup>            | 0      |           |
| Water pollution load               | BOD (biological oxygen demand)     |                           | mg/l   | -         |
|                                    | COD (chemical oxygen demand)       |                           | mg/l   | 77        |
|                                    | n-hexane                           | Mineral oils              | mg/l   | 1 or less |
|                                    |                                    | Animal and vegetable oils | mg/l   | 2         |
|                                    | SS (suspended solids)              |                           | mg/l   | 70        |
| ● Waste amount                     |                                    |                           |        |           |
| Production-related waste           |                                    | t                         | 529    |           |
| Amount of waste recycled           |                                    | t                         | 529    |           |
| Recycle rate                       |                                    | %                         | 100    |           |
| Amount of landfill waste           |                                    | t                         | 0      |           |
| Rate of landfill waste             |                                    | %                         | 0      |           |

\* Factories at different locations were integrated with the new manufacturing facility. For this reason, only the data for FY2013 is indicated.

### Outline of Manufacturing Facility (as of March 31, 2014)



Location: Shaanxi, China

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

Land area: 80,000 m<sup>2</sup>

Establishment date: August 3, 2001