Driving forces

Machinery companies’ ability to innovate through product development is an important determinant of their competitiveness and helps improve their customers’ manufacturing productivity through both the equipment itself and value-added services. Resource scarcity is spurring the need for improved resource efficiency, particularly with respect to energy and water. Leading companies are using lifecycle analysis to deliver cost savings and reduce environmental impacts for their customers. Upholding business ethics in their own operations as well as in their supply chain is essential for companies to protect their license to operate. The leading companies in the industry have recognized the strategic importance of sustainability for their business models and are incorporating sustainability into their core strategic decision-making. Finally, many machinery makers are facing increasing pressure from new players in emerging markets.

Highlighted criteria & Dimension weight

Economic Dimension ............... 44%
- Corporate Governance
- Innovation Management
- Supply Chain Management

Environmental Dimension ...... 28%
- Operational Eco-Efficiency
- Product Stewardship
- Climate Strategy

Social Dimension .................... 28%
- Occupational Health and Safety
- Human Capital Development
- Talent Attraction & Retention

Sustainability leaders 2019

SAM Gold Class
CNH Industrial NV Italy

SAM Bronze Class
Valmet OYJ Finland
Stanley Black & Decker Inc * United States
Alstom SA France

Sustainability Yearbook Members
Ingersoll-Rand PLC United States
Sandvik AB Sweden
Wartsila OYJ Abp Finland
Nabtesco Corp Japan
Caterpillar Inc United States
Siemens Gamesa Renewable Energy SA Spain
Cummins Inc United States
Doosan Heavy Industries & Construction Co Ltd South Korea
Komatsu Ltd Japan
Outotec OYJ Finland
Vestas Wind Systems A/S Denmark
Mitsubishi Heavy Industries Ltd Japan
Oshkosh Corp United States

* SAM Industry Mover

Industry statistics

Number of companies in universe 116
Number of companies assessed in 2018 88
Assessed companies to total companies in universe 76%
Market of assessed companies to total market 88%

Results at industry level

The box-and-whisker plot describes the distribution of scores in the industry, based on all assessed companies. More information is available in the Reading Instructions in the introduction.