



# Machinery and Electrical Equipment

## 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

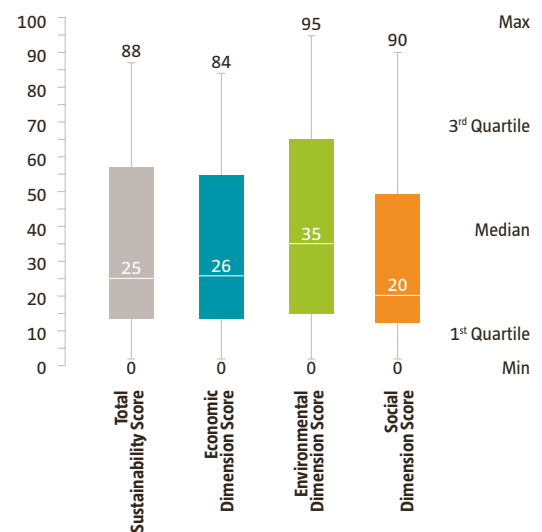
<b>SAM Gold Class</b> ●	
CNH Industrial NV	Italy
<b>SAM Bronze Class</b> ●	
Valmet OYJ	Finland
Stanley Black & Decker Inc *	United States
Alstom SA	France
<b>Sustainability Yearbook Members</b> ●	
Ingersoll-Rand PLC	United States
Sandvik AB	Sweden
Wartsila OYJ Abp	Finland
Nabtesco Corp	Japan
Caterpillar 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.