

# PRODUCT DETAILS

## AWARD CATEGORY LARGE MACHINES



A set of clear criteria has been developed for the CMS Purus Innovation Award to ensure a solid technical basis for the evaluation. Key performance indicators that are customary in the industry will provide the competition's judges with the necessary clarity when making their comparisons. Nominations will be made in accordance with a clearly understandable points system. Each of the judges can award up to 10 items for each of the evaluation criteria. Criteria A and B will be evaluated by judges from the design sector, criteria C to E by judges from the building services industry.

Company (participant)

Product designation

General description of the product (text area, max. number of characters incl. spaces 1200)

Product web site (optional, web URL)

Product film online (optional, web URL)

(Password for viewing protected films, if applicable)

### Details about the evaluation criteria:

#### A) Functionality/Ergonomics

(incl. DIN EN ISO 26800, DIN EN ISO 6385, DIN EN 614)

Please describe what properties or innovations are offered by the product to assist operators in everyday use:

In what way do the functionalities of the product or its physical elements facilitate its operation? (e.g. handles, levers, controls) | max. 2 items

(text area, max. number of characters incl. spaces 600)

How have the ergonomics of the product been improved in order to provide efficient, error-free and easy operation? (e.g. shape adapted to the user's body, and layout of the housing, seats, mountings, control elements) | max. 4 items (text area, max. number of characters incl. spaces 800)

How is the operator provided with the required information? (e.g. provision of factual information; motivational means of communication or product characteristics to influence the user's behaviour; elements such as colours, shapes or symbols to indicate functions, properties and possible uses) | max. 4 items (text area, max. number of characters incl. spaces 800)

# PRODUCT DETAILS

## AWARD CATEGORY LARGE MACHINES

### B) Emotions/Perceptions (incl. DIN EN ISO 9241-210)

Optimum functionality, ergonomics and error-free operation are among the minimum requirements of a product. In addition innovative solutions employing outstanding emotional and aesthetic qualities can serve as a role model and thereby significantly improve your commercial success.

In what way does the product solution act as a motivation to use it, and how is a closer connection with the user achieved? (conformity with expectations, preferences and existing brand images, a positive overall impression is created, during and after use). How have the user's expectations, preferences and situation-related reactions been taken into account in the development of the product? (details about the nature of the tests involving users and prototypes and their inclusion in the development process) | max. 4 items (text area, max. number of characters incl. spaces 800)

What formal and visual design qualities are of particular importance? (shape, use of colour, choice of materials) | max. 2 items (text area, max. number of characters incl. spaces 600)

What are the innovative qualities by means of which the product sets new standards in its product category or in individual fields? | max. 4 items (text area, max. number of characters incl. spaces 800)

### C) Environmental compatibility (incl. ISO 14001, Blue Angel ecolabel, power consumption or EU energy label)

Nowadays we should all make every effort to help protect the environment in order to keep our world a place worth living in. Please describe the ecological quality of the product with regard to the following:

certifications | max. 6 items

The use of especially sustainable, ecological materials and degradable substances, suitability for correct disposal or recycling | max. 2 items

Product technology: Impact on energy and environmental resources (e.g. through low chemical/chemical-free cleaning, reduced water/electricity consumption) | max. 2 items (text area, max. number of characters incl. spaces 2200)

# PRODUCT DETAILS

## AWARD CATEGORY LARGE MACHINES

### D) Life cycle costs (details for a minimum period of 5 years)

Not only one-off investment costs but also a consideration of the running costs are a major factor in the acquisition of equipment. A product that appears to be cheap can rapidly turn out to have hidden costs. An efficient and economical product (solution) can be identified by a detailed study of the life cycle costs.

Please indicate using the following parameters:

Investment costs (planning, acquisition, installation) | max. 2 items

Concept in the utilization phase | max. 6 items

- Energy costs (electricity, water), material used
- Maintenance (cleaning/servicing/ease of repair/ease of dismantling into individual components)
- Personnel resources
- Ancillary cost efficiency (low level of training required, e.g. due to self-explanatory products or effective labelling)

End-of-life concept | max. 2 items

- Dismantling
- Recycling/Disposal

(text area, max. number of characters incl. spaces 2200)

### E) Time (practical performance figures)

Performance figures are of major importance in the cleaning sector. One of the main challenges when submitting and evaluating serious offers is the question of the area that can be realistically processed per hour. The differences between "performance figures in conformity with the market" vs. "achievable performance figures" can be enormous. .

In addition to the labour costs, performance figures are the second major pricing factor. Innovative products that create time savings during the cleaning process and thereby have a positive influence on the performance figures can be important adjustment factors when making price calculations. Indicate how, by using your product, the performance figures have a positive effect on the work process.

Please fill in the calculation schedule (Attachment E – Large Machines), obtained from the competition organizers.

Total: max. 10 items