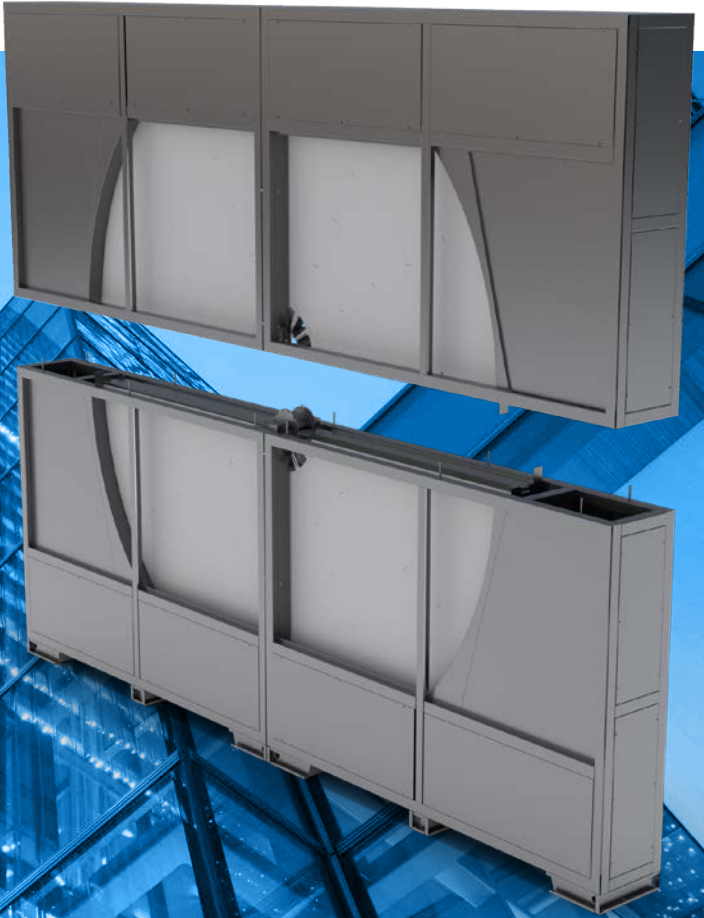




A subsidiary of **VINCI**
ENERGIES

Equilibrium in Technology

NEW PRODUCT IN
2017



SMART SYSTEM

Divided rotary regenerative heat exchanger ready for assembly from two basic parts only.

KASTT in cooperation with Wolf GmbH presents as the very first company in Europe the brand new unique solution for divided rotary heat exchangers. This progressive solution completely changes the process of rotary heat exchangers assembly in the place of their operation.

Smart System is supplied with pre-assembled rotor in both parts of frame. Such a special design facilitates the assembly and makes it more accurate, thus saving time and costs considerably, especially assembly costs.



Key benefits

- Speed of assembly (**one-tenth of standard time**)
- Considerable reduction of assembly costs
- The assembly process is more accurate and easier
- Easy and safe handling
- Lower risk of rotor damage during assembly and handling
- Lower transport costs

Developed in cooperation with **WOLF**

Design

The design of the rotary heat exchanger with a pre-assembled rotor into both parts of frame is based on the standard divided design. The individual rotor parts (segments) are pre-assembled in the manufacturing plant and fitted into both halves of the frame. That is why the maximum accuracy of the assembly is assured. Along their perimeter, the complete halves of the rotor are reinforced by special sheeting fixed for the transportation purposes. In the place of final destination both halves are then simply put together and secured by means of suitable connecting elements. Fixation elements are removed at the same time.

Technical parameters

- Rotary heat exchanger with pre-assembled rotor (up to Ø 5000 mm as a standard)
- For all rotor types
- Rotary heat exchanger rotor sealing – contactless sealing – felt

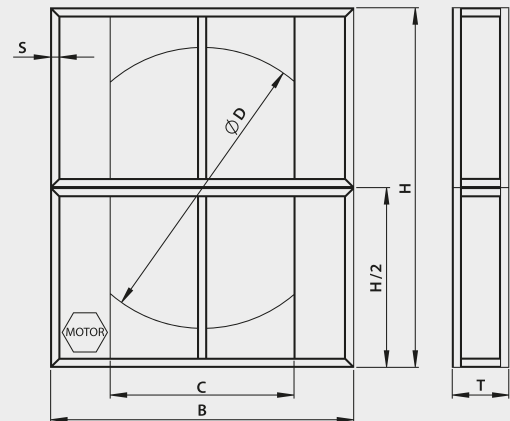


Description	ØD [mm]	B **) [mm]	H **) [mm]	T **) [mm]	C [mm]	S [mm]	Design
Standard ST 200/ØD	1300 - 2900	ØD +180	ØD +180	460	*)	46/67	Assembled
	3000 - 3800	ØD +260	ØD +260	505	*)	67/86	Assembled
	3900 - 5000	ØD +160	ØD +160	505	*)	80	Welded

- Ø D** rotor diameter (dimensions by 10 mm)
- B** rotary heat exchanger cabinet width
- H** rotary heat exchanger cabinet height
- T** rotary heat exchanger cabinet depth
- C** connecting size (for the version with front panels)
- S** profile size

Poznámka:

- Rotary heat exchanger may be fitted with a supporting frame
- Winding width 200 mm
- *) dimensions according to customer-specific requirements
- **) minimum dimensions (may be extended subject to customer-specific requirements)



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