



**NOVEL PACKAGING
SOLUTIONS**



CARTONOSAURUS REX



DS Smith Packaging | Romania



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Cartonosaurus REX is a corrugated cardboard boat manufactured by DS Smith Packaging in Romania for the 2024 Make it! Race it! Recycle it! event in Timișoara. Organised annually by the Ecostuff NGO, the event promotes sustainable practices by bringing together companies, schools, NGOs and members of the local community for a lively race on the River Bega.

Designed to resemble a prehistoric creature, the boat was not only a remarkable example of design craftsmanship but also a great success with the public, particularly children. Thanks to its innovative construction, it took part in two races without sinking and even withstood the friendly “Saved by the Bell” water fight. The DS Smith team received several awards: Best Theme, First Prize for Artistic Impression, Second Prize in the “Saved by the Bell” race and Second Prize for Speed.

The boat was designed using Adobe Illustrator, SketchUp and ArtiosCAD. Its overall dimensions were 4.18 m long × 1.86 m wide × 2.4 m high. The materials used included brown, white and ESD black cardboard in BC, B and E flutes, as well as cardboard tubes bonded with hot-melt adhesive. The twin-hull floating structure was fitted with a moisture-resistant lining.

The boat was almost entirely recycled after the event, with only the Cartonosaurus REX trophy head retained as a memento.

