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THE SUSPENDED STU HOPPER

a version with diesel-electric aggregate





The suspended diesel-electric STU hopper U–341GE is intended to carry bulk materials over transport line constructed on basis of string technology. The hopper's body consists of four sections. The driver's section is equipped with a driver's place, control equipment and a conditioner. The forward section contains fore wheels block with drive. The cargo section contains a body with top and bottom self-opening hatches. The stern section is equipped with diesel-electric aggregate, its systems, power electronics and rear wheels set with drive.

Hopper Performance Specification

Total weight, kg	9500
Laden mass, kg	4500
Carrying capacity, kg	5000
Body space, m³	5
Overall Dimensions, mm:	
- length	5420
- width	2140
- height	2760
- gauge	1750
- base	3000
Maximum speed, km/h	60
Maximum gradeability	12%
Wheel arrangement	4 × 4
Fuel consumption (40km/h, full load), kg/100km	6,0



forward section

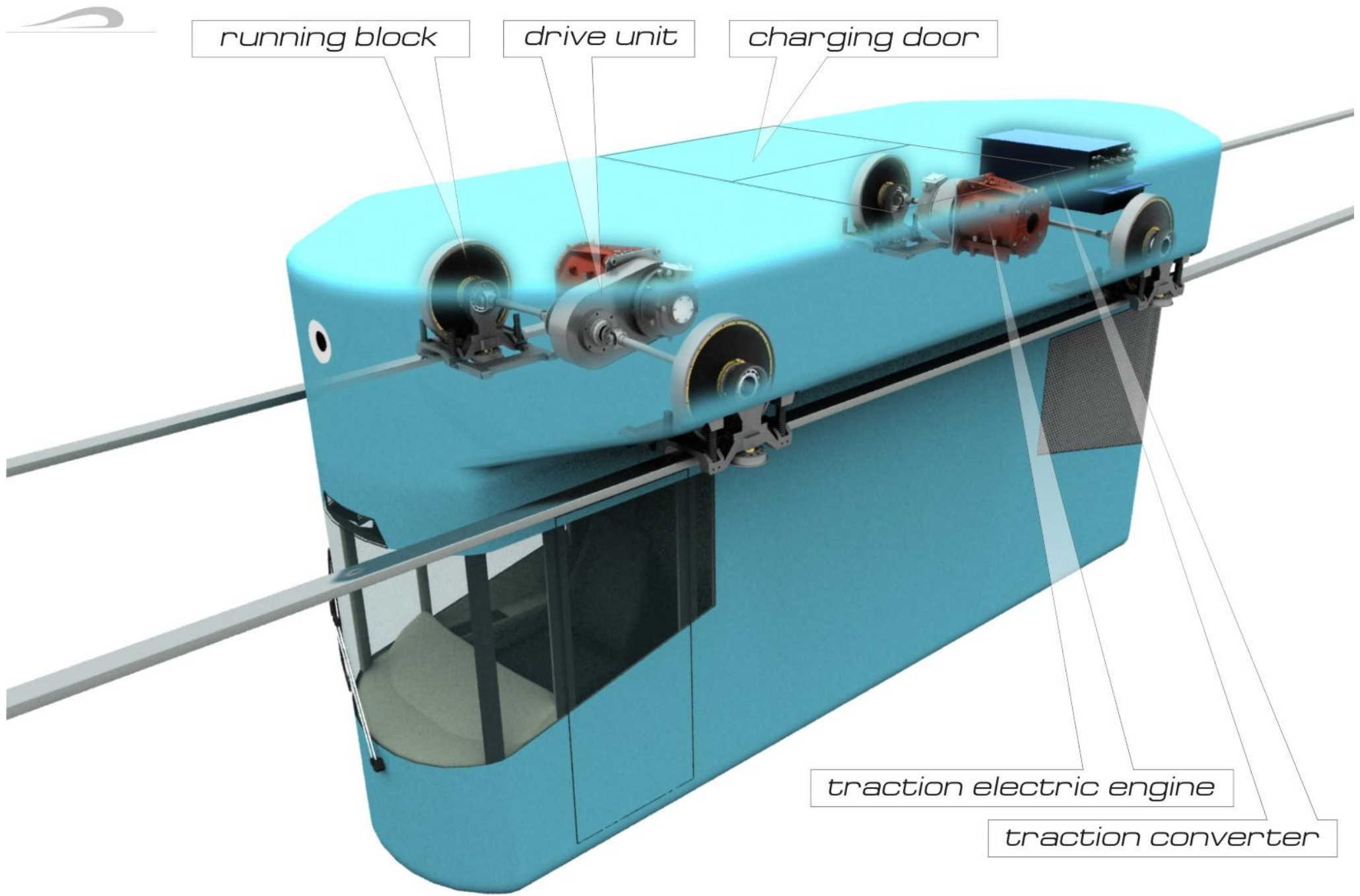
PT Priamanaya Djan International



stern section

cargo section

driver's section



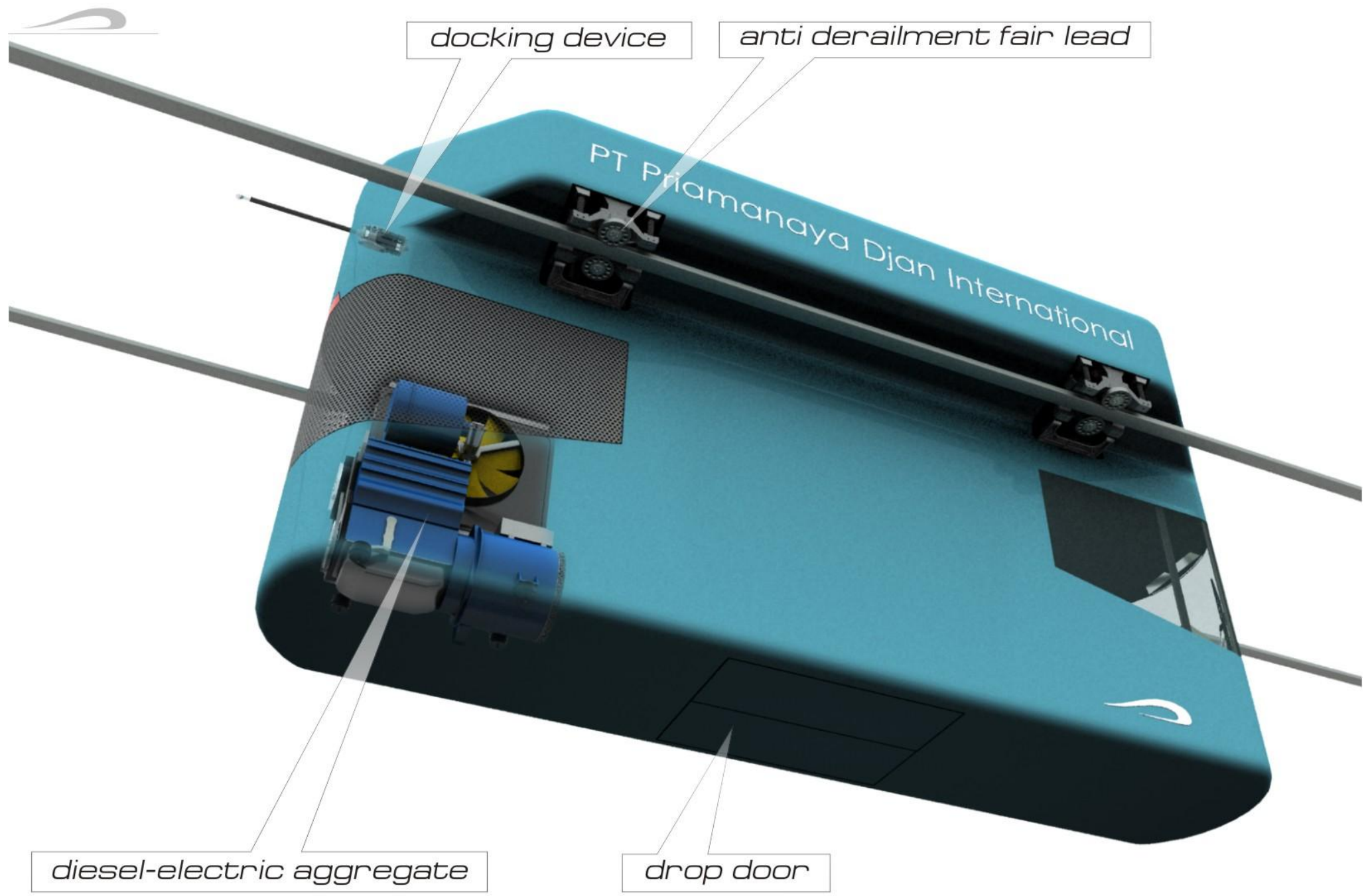
running block

drive unit

charging door

traction electric engine

traction converter



docking device

anti derailment fair lead

diesel-electric aggregate

drop door