

Data Sheet LUF Hors Rob E1-240

05.01.2022

Dimensions	
Length	3500 mm
Width	2370 mm
Height	2000 mm
Performance Data	
Area performance	Standard riding arena ≈ 44x 22metres 8 minutes with one battery charge ≈ 2 hours Equivalent to levelling the arena approx. 15 times
Driving speed	Standard 10 km/h (15 km/h optional)
Battery	
Standard	240 ampere hours lithium iron phosphate battery European manufacturer UN 38.3 certified; CE certified Cycles fixed battery ≈5000 charge cycles = 8000 operating hours
Charging Unit	220 Volt at vehicle
Charging Time	Full charge approx. 8 hours
Electric	
Engine	2 drive motors with planetary gear
Brake	Mechanical spring brake in oil bath
Drive	48 volt system voltage Power electrics -drives
Board Voltage	12 volt board voltage 240 ampere control and light (like car)
Hydraulic System	2 circuit hydraulic system 1. circuit power steering 25 litres/minute 180 bar 2. circuit on-board hydraulics Triple control block Proportional valves
Collision detection	Ultrasonic sensors with acoustic collision detection
Lighting	2 piece headlamp
Driver's seat	Safety belt
Wheels	15 inch tyres 300mm wide