

Specification of Fuel Cell Garbage Truck for SHUNAN (2015)

> Base Vehicle (Medium-truck type)

Hino Motors “RANGER 4.0t ” (2-seater)

Weight 6140kg

L×W×H 7.08×2.19×2.56m

Payload 1750kg (7.8m³)

Range 45km

> Transmission (2-speed type)

> Motor (Synchronous type)

KAWAMATA SEIKI CO., LTD. “KW150”

Max. Power/ Torque 150kW/ 450Nm

> Main Battery (Lithium-ion type)

TOSHIBA “SCiBTM”(12s×2p) 336kg

Cap./ Rated Volt. 26.5kWh (80Ah)/ 331V

> Fuel Cell (PEM type)

HYDROGENICS “HyPMTM HD30”

Max. Power 33kW (620kg)

> Hydrogen Storage System

High pressure cylinder 70MPa (Type 3)

Capacity 36L×2 (82kg)

Hydrogen loading 2.6kg@55°C

