



Construction Equipment & Engineering

Call 1800CRANES

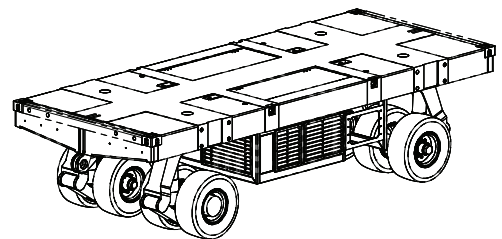
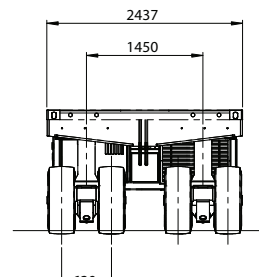
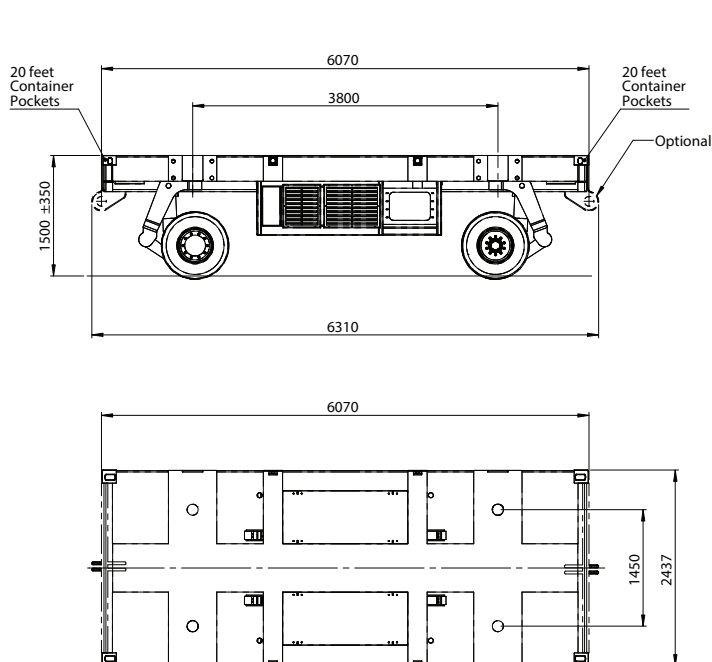


E-SPMT LIGHT

SWITCH TO EMISSION-FREE

ABOUT THE VEHICLE

- / Type: Electrically driven
- / Lightweight all-rounder for use in factories
- / Proven, robust pendulum axle technology
- / Agile thanks to electronic steering and an array of steering programmes
- / Compact design with integrated drive system



■ (08) 9459 6212
 ■ 1800CRANES

■ www.ronco.com.au
 ■ ronco@ronco.com.au

TECHNICAL DATA

Drawing N°

64221878

Platform Trailer Type	MPEK 85.4.H2E-LIGHT
Payload max. approx.	85,000 kg
Tare weight approx.	11,000 kg
Gross weight	96,000 kg
Bogie load max.	4 x 24,000 kg
Tires	8 x 355/65-15 IC 40 Polyfill
Platform dimensions, L x W	6,070 x 2,437 mm
Platformheight lowered (unladen)	1,150 mm laden, 1,180 mm unladen
Platformheight in driving position (laden)	1,500 ± 350 mm
Total lifting stroke	700 mm
Electro Motor	400 V DC, 50 kW at 2,200 rpm
Battery (1 pcs.)	400 V DC, 40,6 kWh
Battery Charging Cycle up to 80 %	2,800 battery charge cycles
Charging time 0 – 100 % Capacity	approx. 2 hours
Charging Power 400 V DC	22 kW
Electrical connection	400 V, 50 Hz, 32 A
Hydraulic oil tank filling / useable volume	105 l / 45 l
Number of driven bogies	2 x half axles
Number of braked bogies	2 x
Number of bogies without brake	1 x
Steering system / steering angle	+ 130° / - 100°
Brake force approx.	80 kN
Traction force at delta p = 370 bar approx.	60 kN
Max. inclination at payload 70,000 kg approx.	4,5 %
Max. speed with payload 70,000 kg, rolling resistance f = 0.025 * approx.	4,5 km/h
Max. speed unladen with rolling resistance f = 0.025 * approx.	10 km/h
Ambient temperature	- 20 °C up to + 40 °C

Max. possible load depending on admissible tire load capacity

Admissible speed Only valid for tires, not for the combination.	5 km/h	3 km/h	1 km/h
Max. Payload	61,000 kg	69,000 kg	85,000 kg
Max. Gross weight	72,000 kg	80,000 kg	96,000 kg
Dead weight approx.	11,000 kg	11,000 kg	11,000 kg
Admissible load of pendulum axle	18,000 kg	20,000 kg	24,000 kg

* For pedestrian control are just 6 km/h speed allowed!

