

Trolleys and accessories

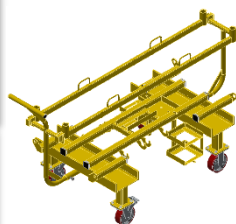
Battery operated Emergency Response Trolley



Nominal voltage	48 volts
Charging voltage	58 volts
Battery charge time (from discharged state)	20 hours (2 batteries), 40 hours (4 batteries)
Range (4 batteries)	Up to 100km
ER deck maximum payload	700 kg
Brake wheel mass	19 kg
Driven wheel mass	19.5 kg
Chassis mass	45.5 kg
Deck half mass (Emergency Response, 1600 gauge)	34 kg
Battery mass (per unit)	7 kg
Maximum vehicle speed	10 km/h (Depends on customer preference)
Periodic Maintenance	Maintenance Free
Peak motor torque	139.7 Nm
Peak motor braking torque	139.7 Nm
Park brake holding torque	100 Nm

PATENTED

Stowage Unit



Battery operated Inspection Trolley

PATENTED



3:00
MINUTES
TWO PERSON
ASSEMBLY

NO TOOLS
REQUIRED

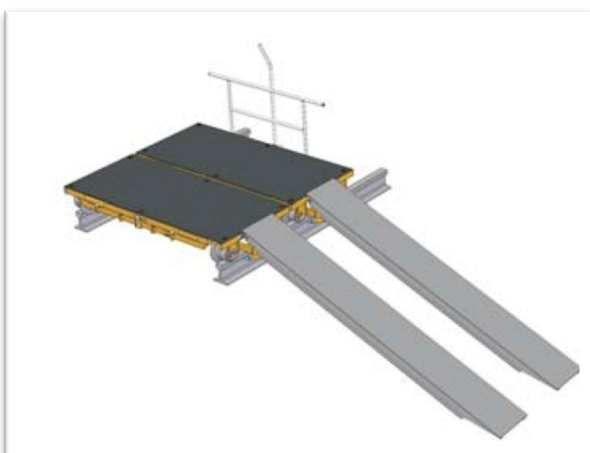


2:00
MINUTES
FOUR PERSON
ASSEMBLY

Link Trolley

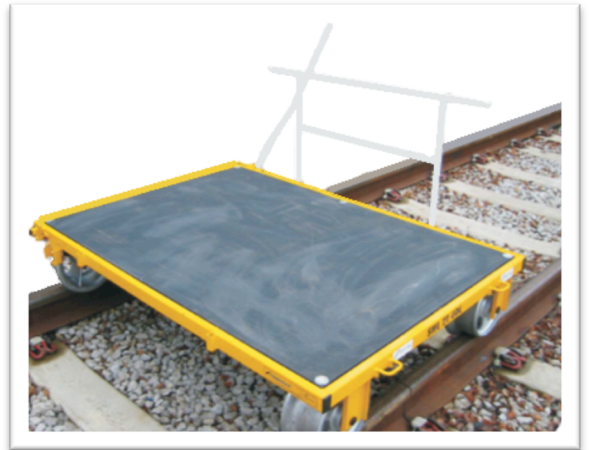
Product	Part Number	Mass (kg)	SWL (kg)
Link Trolley (Insulated)	1120815-1000	57	1,250
	1120815-1067		
	1120815-1435		
	1120815-1600		
6" Brake Test Tool	1120852-TT	1.7	
Gas cylinder support frame	1120815-CSFSTDBRD		
Mesh Sides	1120815-CAGESTD	25	
	Other sizes available		
Loading Ramps	Available on request	64	
Scaffold	Available on request	38	
Attachments			
Red Flashing Light	1120909		
Brake Handle	1120992		
Push Handle	1120993		

TOC Waivers Available



Type A

Product	Part Number	Mass (kg)	SWL (kg)
Type A Trolley (Insulated)	1120864	104	2,000
Crane Attachment	1121174		420
10" Brake Test Tool	1120866-TT	2.0	
Red Flashing Light	1120909		
Brake Handle	1120995		
Push Handle	1120993		



TOC Waivers Available

Type B



TOC Waivers Available

Product	Part Number	Mass (kg)	SWL (kg)
Type B Trolley (Insulated)	1120865-1067 1120865-1435 1120865-1600	138	2,000
Crane Attachment	1121174		420
Trolley Sides	1120865-CAGESTD 1120865-CAGEBRD Other sizes available	24	
Gas Cylinder Support Frame	1120865-CSFSTD 1120865-CSFBRD Other sizes available		
10" Brake Test Tool	1120866-TT	2.0	
Red Flashing Light	1120909		
Brake Handle	1120995		
Push Handle	1120993		

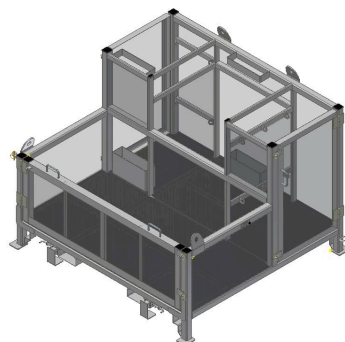
Welders Crate (secures to 2T trolley)

The MEC Welders Crate is designed to support and convey equipment required for welding and any other general rail maintenance needs.

The crates are designed to attach to the Permaquip 'Type B' Trolleys that are rated to a 2000kg capacity, the welders crate itself is rated to hold up to 1500kg uniformly distributed load (UDL) inside the crate.

The welders crate features include:

- Gas bottle supports
- Lockable toolbox
- Removable doors
- Fuel tank holder
- Hand tool holders
- Rear adjustable legs
- Certified Lifting points
- Forklift pockets



Part No. **FP-112-WC**

With Toolbox & Jerry can holder

Part No. **FP-112-WCT**

By utilising the welders' crate with the Permaquip Type B 2T trolley, the operators can safely move and pack the necessary items for projects onto the crate and move them along the track as a single unit.

The welders' crate is also able to be designed to have features added/removed according to the customer requirements – contact MEC for further information.



Machine Trolleys

Hydraulic Brake Trolley



TOC Waivers Available

Dual Gauge Trolley:

1067-1435 mm

1435-1600 mm

Single Gauge Trolley:

1000mm Narrow

1067mm Narrow

1435mm Standard

1600mm Broad

Bolted

1081311-H

1081312-H

Bolted

1081315-H

1081316-H

1081314-H

1081313-H

Welded

No welded version

No welded version

Welded

1081246-1000-BH

1081246-1067-BH

1081246-1435-BH

1081246-1600-BH

Cable Brake Trolley



TOC Waivers Available

Dual Gauge Trolley:

1067-1435 mm

1435-1600 mm

Single Gauge Trolley:

1000mm Narrow

1067mm Narrow

1435mm Standard

1600mm Broad

Bolted

1081311-C

1081312-C

Bolted

1081313-C

1081314-C

1081315-C

1081316-C

Welded

No welded version

No welded version

Welded

1081246-1000-BC

1081246-1067-BC

1081246-1435-BC

1081246-1600-BC

Non - Braked Trolley



Dual Gauge Trolley:

610-1067 mm

1067-1435 mm

1435-1600 mm

Single Gauge Trolley:

1000mm Narrow

1067mm Narrow

1435mm Standard

1600mm Standard

Bolted

1081247

1081311-U

1081312-U

Bolted

1081313-U

1081314-U

1081315-U

1081316-U

Welded

No welded version

No welded version

No welded version

Welded

1081246-1000-UB

1081246-1067-UB

1081246-1435-UB

1081246-1600-UB

Available Accessories:

Brake Test Tool

Part No. 1081323

Torque Wrench

Part No. 1081332

Machine Trolley storage rack

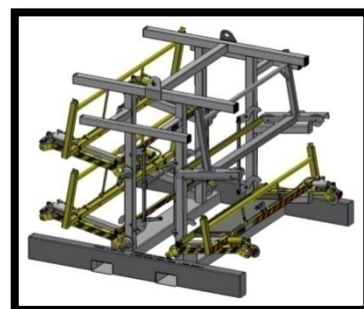


Trolley Rack:

Part No. **1121144**

Short Rack

Holds 4x Trolleys
(transportable with lock
down latches)



Part No. **1121171**

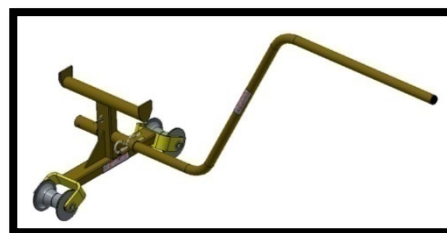
Long Rack

Holds 8x Trolleys
(storage only)

**Transportable racks are also available in 6 and 8
trolley versions.**

Single Rail Machine Trolley

The Melville Single Rail Trolley is ideal for Stacker/Reclaimer lines.



The trolley comes with an outrigger so that the machine in operation can be balanced.



Part No. **1860076**

Rail Track Gauging



The Melville Equipment Rail Gauging and Equipment Trolley combine's two operations into one and can be used independently by removing the gauging beam, held in place with two pins.

The Gauging Beam has two internal cylinders to increase the rail gauge and two external cylinders to decrease the rail gauge. Each set of cylinders can be locked in place to hold gauge while the track is re-clipped/fastened. The gauge can be measured with a light weight track gauge. Also available with a high-pressure power pack.

Specifications

Description	Width (mm)	Length (mm)	Height (mm)	Weight (kg)
Trolley	1820	1190	1070	102
Gauging Bar	2080	260	770	180
Overall	2080	1380	1070	285

Features

- Automatic Hand Brake
- Easy glide trolley wheels
- Handle folds flat for transport
- Low profile deck
- Lip around edge of tray to prevent items sliding off



Rail Jacking Trolley

- Lifts rail from sleepers to assist in pad replacements
- Simple one-man operation
- Allows rapid renewal of all types of pad fitted under concrete sleepers
- Cycle time of only 20 seconds – Up to 1000m/hr
- Up to 125mm rail lift, allowing access to 16 – 20 sleepers per cycle



Part No. **1121012**



Specifications

Noise dB (a)	84 – 96
Length	1560 mm
Width (rams up)	1900 mm
Height	480 mm
Weight (Without Power Pack Assembly)	215 kg
Power Pack Assembly Mass	15kg

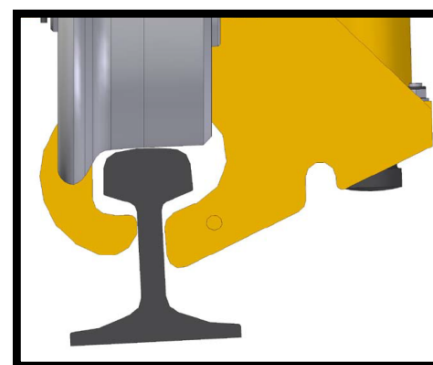
Operating Pressure

The operating pressure of the RJT is set between 2,300 psi and 3,000 psi. This is maintained by the system pressure relief.

Operating Performance

The performance limits of the RJT are;

- | | |
|--|------------------|
| • Maximum SWL UDL on trolley deck | 750 kg |
| • Maximum Lift Ram Force | 4.1 – 5.3 tonnes |
| • Maximum Lift (without extension or supports) | 127 mm |
| • Maximum Pad Replacement | 400/hour |
| • Maximum Under Rail Roller Placement | 1000m/hour |



The RJT can be used to lift the following rail types of rail section