

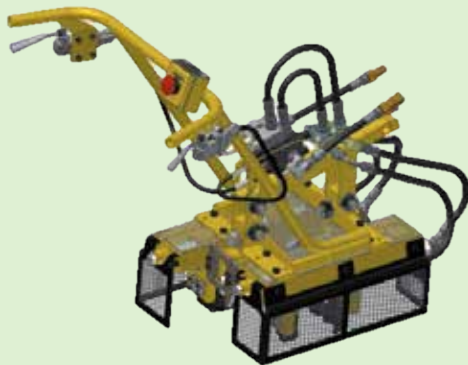


Fastclip/Steelclip Unclipper/Clipper

- **Part No. FP-164-TPE**
- Clips and un-clips
- Fast clips and steel sleeper clips
- 3 second cycle time
- Replaceable wear pads
- Dual trigger operation for safety
- Emergency stop

Wood Borer

- **Part No. FP-155-AO**
- Spring return handle
- High speed spindle 1200rpm
- Easy change guides and bits
- Adjustable drill depth stop
- Emergency stop



E-Clipper (clip up only)

- **Part No. FP-156-EDS**
- Dual trigger operation for safety
- Hardened chrome guide rods
- Clips E, PR and vandal proof clips
- Wood and concrete sleepers
- Emergency stop

E-Clip Remover

- **Part No. FP-186-TP**
- Safely removes new and frozen E-Clips in 3-30 second cycles
- Leaves E-Clips in parked position ready for re-insertion
- Dual trigger operation for safety
- Emergency stop
- Ergonomic adjustable height operating handle





E-Clip Remover (down the eye of shoulder)

- **Part No. FP-186-EYE**
- Dual trigger operation for safety
- Removes broken E-Clips from the eye of the shoulder
- Emergency stop
- Ergonomic adjustable height operating handle

E-Clip (inserts and removes)

- **Part No. FP-190-TP**
- Clips and De-Clips E, PR and vandal proof clips with 4T of insertion and extraction force
- Clips up where sleepers have dropped
- Dual trigger operation for safety
- Emergency stop and work light
- Ergonomic adjustable height operating handle



Braking Retrofit Kits Available for all Hydraulic Work Heads

Trailers – A.P.E.L.



Adrian Phillips Engineering Ltd.
Specialists in Road & Rail Vehicles and Equipment



THE NEW A.P.E.L. TRAILER

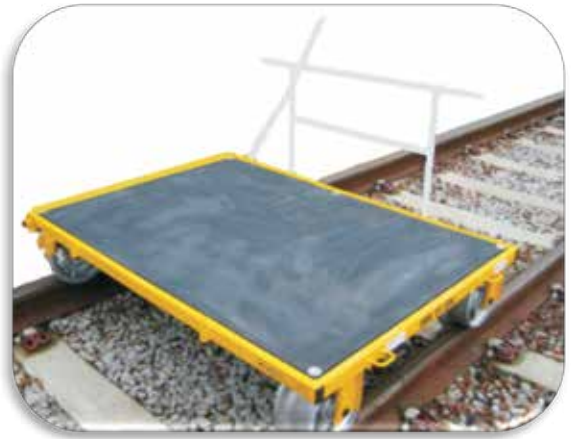


- * 23 tonne GVW.
- * Full Independent Suspension.
- * Air and/or Hydraulic Braking.
- * Auto-switching Rail Lights c/w solar panels for battery charging
- * Centre Lift Point, improving OLE working.
- * ISO Twist Locks.

Trolleys and Crate

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		



TOC Waivers Available

Type B



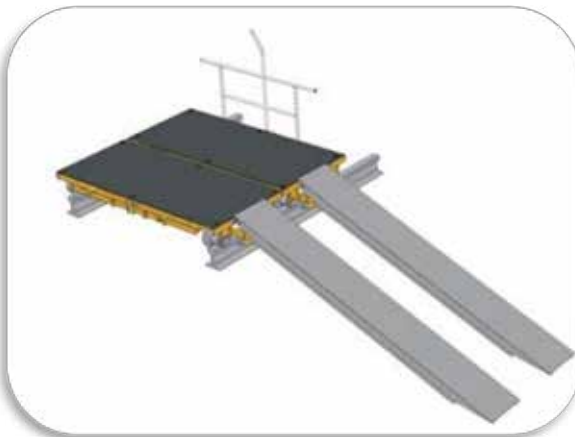
TOC Waivers Available

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		

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 Attachments	Available on request	38	
Red Flashing Light	1120909		

TOC Waivers Available



Welders Crate

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 are able to 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: Bolted Welded

1067-1435 mm	1081311-H	1081246-1067/1435-BH
1435-1600 mm	1081312-H	1081246-1435/1600-BH

Single Gauge Trolley: Bolted Welded

1000mm Narrow	1081315-H	1081246-1000-BH
1067mm Narrow	1081316-H	1081246-1067-BH
1435mm Standard	1081314-H	1081246-1435-BH
1600mm Broad	1081313-H	1081246-1600-BH

Cable Brake Trolley



TOC Waivers Available

Dual Gauge Trolley: Bolted Welded

1067-1435 mm	1081311-C	1081246-1067/1435-BH
1435-1600 mm	1081312-C	1081246-1435/1600-BH

Single Gauge Trolley: Bolted Welded

1000mm Narrow	1081313-C	1081246-1000-BC
1067mm Narrow	1081314-C	1081246-1067-BC
1435mm Standard	1081315-C	1081246-1435-BC
1600mm Broad	1081316-C	1081246-1600-BC

Non - Braked Trolley



Dual Gauge Trolley: Bolted Welded

610-1067 mm	1081247	No welded version
1067-1435 mm	1081311-U	1081246-1067/1435-UB
1435-1600 mm	1081312-U	1081246-1435/1600-UB

Single Gauge Trolley: Bolted Welded

1000mm Narrow	1081313-U	1081246-1000-UB
1067mm Narrow	1081314-U	1081246-1067-UB
1435mm Standard	1081315-U	1081246-1435-UB
1600mm Broad	1081316-U	1081246-1600-UB

Available Accessories:

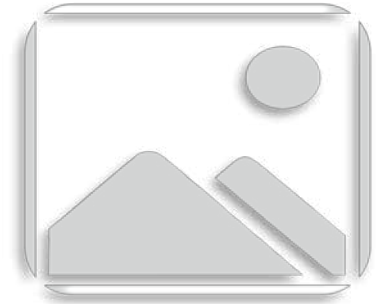
Brake Test Tool	Part No. 1081323
Torque Wrench	Part No. 1081332

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
- Syste 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

- | | |
|--------------------|---|
| • Bull Head Rail | 85 and 95lb |
| • Flat Bottom Rail | 98, 109 and 113lb, 110A and 113A, UIC54 and UIC60 |

