

# TRANSPORTER (TR)

## Technical Specification



### Models by Stacking Height

3 High Transporter	TR-3 - lifts 1x9'6" over 2x9'6" containers
2 High Transporter	TR-2 - lifts 1x9'6" over 1x9'6" containers
1 High Transporter	TR-1 - lifts 1x9'6" container over a truck trailer

### Machine Specifications

<b>Telescoping Frame</b>	Not included	<b>Option:</b> telescoping frame for low-height applications.
<b>Travel Speed</b>	Variable to 20 km/h	<b>Option:</b> up to 35km/h for 1-high machines
<b>Lifting Capacity</b>	35,000kg	<b>Option:</b> up to 40,000kg for 1-high machines
<b>Lift Speed</b>	Variable to 13m/min	<b>Option:</b> up to 18m/min
<b>Number of Wheels</b>	4 (1-high and 2-high) 6 (3-high)	<b>Option:</b> 6 wheels
<b>Number of Steer Wheels</b>	2	<b>Option:</b> 4 steer wheels <b>Option:</b> 90° Wheel Turn (un-laden)
<b>Number of Drive Wheels</b>	2	<b>Option:</b> 4 drive wheels
<b>Spreader</b>	6m – 12m telescoping top-lift spreader	<b>Option:</b> 6m fixed top-lift spreader with auxiliary chains for 12m containers <b>Option:</b> 12m fixed top-lift spreader with auxiliary chains for 6m containers <b>Option:</b> grab-arms for flatracks and swapbodies <b>Option:</b> 20'-40'-45' telescoping top-lift spreader <b>Option:</b> custom spreader for special loads. Further options available upon request.
<b>Spreader Side Shift</b>	+/- 125mm	
<b>Braking</b>	Hydrostatic (dynamic) braking	<b>Option:</b> drum brake on the drive wheels
<b>Parking Brake</b>	Disc brake on the drive wheels	
<b>Drive</b>	Positive displacement hydraulic wheel motors on the drive wheels	
<b>Wheel/Rim</b>	11.25 x 25	

**SERVICE AND  
INNOVATION**

AU +61 2 6658 1333  
EU +33 6 2907 2657  
US +1 760 621 3830  
sales@isoloader.com  
[www.isoloader.com](http://www.isoloader.com)

**ISOLOADER**  
CONTAINER & HEAVY LOAD HANDLING SOLUTIONS

<b>Tyres</b>	1600x25x32 ply pneumatic, treaded.	<b>Option:</b> slick tyres
<b>Engine</b>	Diesel	
<b>Fuel tank</b>	190 litres with built in fuel gauge	<b>Option:</b> larger fuel tank sizes upon request.
<b>Lights</b>	4 working lights; 4 driving lights	<b>Option:</b> 2 side lights
<b>Warning devices</b>	4 rotating amber beacons mounted on the corners; 1 audible beeper; Horn	

<b>Nominal Dimensions</b>			
	<b>1 High</b>	<b>2 High</b>	<b>3 High</b>
<b>Max. Machine Height</b>	6,380mm - 6,800mm	10,000mm	12760mm
<b>Min. Machine Height</b>	N/A	N/A	N/A
<b>Max. Lift Distance</b>	3,600mm	4,500mm	6,750mm
<b>Max. Lift Height</b>	4,600mm	6,250mm	9,150mm
<b>Wheel Base</b>	5,000mm	5,000mm	5,000mm
<b>Wheel Track</b>	4,250mm	4,580mm	4,580mm
<b>Outside Width</b>	5,420mm	5,300mm	5,300mm
<b>Inside Width</b>	3210mm	3400mm	3175mm
<b>Mast Centres</b>	4,200mm	4,530mm	4,530mm
<b>Turning radius (to outside wheel, with 2 wheel steering)</b>	8m	8m	8m
<b>Machine weight with 6m/12m spreader</b>	24,000kg (4 wheels)	28,000kg (4 wheels)	34,000kg (6 wheels)
<b>Max wheel loading</b>	15,000kg (4 wheels) 10,000kg (6 wheels)	16,000kg (4 wheels) 10,500kg (6 wheels)	11,500kg (6 wheels)

<b>Cab Specifications</b>		
<b>Cab Position</b>	Side mounted	<b>Option:</b> Front mounted, ground level <b>Option:</b> Front mounted, raised <b>Option:</b> Under side-beam at ground level.
<b>Cab Type</b>	Enclosed	<b>Option:</b> Open cab
<b>Air conditioning</b>	Included	
<b>Heating</b>	Included	
<b>Controls</b>	Full operational control is from the cab only	<b>Option:</b> additional radio controls for pedestrian operator.
<b>Operator indicators</b>	Engine fault light; Tachometer and hours; Engine temperature; Engine oil pressure; Voltage meter; Parking brake indicator; Twist-lock indicators	
<b>Steering control</b>	Steering wheel; Forward/reverse lever	
<b>Speed and braking control</b>	Single foot pedal for both acceleration and braking; Low-range/high-range speed selector	
<b>Hoist control</b>	Two levers, one for each end of the load	
<b>Spreader control</b>	Twist-lock switch; Side-shift switch for each end; Extend/retract switch (if telescoping)	

<b>Additional controls</b>	Horn; Ignition; Park brake switch; Emergency shutdown Cab internal light; Air conditioning and heating controls	
<b>CCTV</b>	Not included	<b>Option:</b> Two cameras with single Split Screen LCD Screen, mounted as required.
<b>Computer</b>	Not included	<b>Option:</b> Touch screen tablet or laptop with 802.11n wireless.
<b>Seat</b>	Ergonomic adjustable seat with independent suspension, memory and seatbelt	
<b>Wipers</b>	Windscreen wipers fitted on 3 windows	

### Supplementary Specifications

<b>Certification</b>	Australian Standard 2359.1 1995 Industrial Truck Code, compatible with European standards. CE compliant.	
<b>Terms</b>	Isoloader Standard Terms and Conditions	
<b>Warranty</b>	Isoloader Standard 1 Year Limited Warranty	

### Pavement Specifications

<b>Flatness</b>	For use on flat pavement free from drainage catchments and other undulations, potholes and speed bumps.	<b>Option:</b> poorer quality pavements can be handled upon request.
<b>Surface</b>	At least highway quality hardstand	<b>Option:</b> poorer quality pavements can be handled upon request.
<b>Grade</b>	Up to 5%	<b>Option:</b> up to 10%

### Paint Specification

<b>Surface Preparation</b>	Oil and grease removed from all surfaces in accordance with AS 1627.1 solvent cleaning. Mild Steel abrasive blast cleaned in accordance with AS 1627.4 to Sa 2.5 minimum (AS1627.9)	
<b>Prime Coat</b>	Two component high build polyamide cures recoatable, zinc phosphate pigmented epoxy primer. Approved to APAS-2971 Conforms to AS/NZS 3750.13 Dry Film Thickness (DFT): 110-125 microns	
<b>Finish Coat</b>	Two pack isocyanate cured, acrylic polyurethane finish. Approved to APAS-1441/2, APAS-2911/1 Conforms to AS/NZS 3750.6 Dry Film Thickness (DFT): 55-60 microns	
<b>System Dry Film Thickness (DFT)</b>	165-185 microns	
<b>Colours</b>	Cab and structures: Isoloader Safety Green (Citronella) Power Pack, Wheel Yokes and Spreader Machinery: Black. Custom colour schemes available upon request.	