

MULTI-PURPOSE TOOL CARRIER RH4



The RH4 Multi-Purpose Tool Carrier is a versatile handling machine specially built for railway construction and maintenance work, and can also be used in a multiple of operations from mining and agriculture to road maintenance.

||| A combination of four wheel drive, four wheel steer, height ground clearance and power-shift transmission provide a high degree of maneuverability and rough terrain ability.

||| The ability to fit a number of different attachment to the quick hitch enables the machine to perform a large number of different functions.

||| When fitted with a crane jib attachment, the machine can handle up to the largest size rail in length to 100 meters with ease, whether it be lifting, pushing or dragging. When fitted with the fork attachment, the machine becomes a versatile all-terrain fork-lift with the ability to operate over the side. Alternatively, when fitted with a Loader Bucket attachment, the machine becomes a front end loader with the ability to operate over the side.

Attachments to suit individual applications available on request.



SPECIFICATIONS

ENGINE

Description	6 Cylinder, 4 Stroke Diesel
Make & Model	PERKINS 1006-T6
Bore & Stroke	100mm x 127mm
Capacity	6 Litres
Power	119 KW @ 2600 rpm
Torque	577 Nm @ 1400 rpm
Compression Rate	16:1
Injector Pump	Quadram Direct Injection

TRANSMISSION

Description	Torque converter / power shift
Make & Model	FUNK 2000 Series
Gear	4 forward, 3 reverse
Controller	Electric Lever Control

AXLES

Description	Drive steer planetary with wet disc brakes
Gear Ratios	12.92 overall ratio
Service Brakes	In board wet disc hydraulic
Park Brakes	In board wet disc spring hydraulic off
Differential	Limited Slip

HYDRAULIC PUMP

Description	Axle piston load sensing
Make & Model	DANFOSS Series 45
Capacity	74L per min/1000rpm

TYRES

Size	17.5" x 25" x 20 ply
Make	Roadstone

WEIGHT

Front Axle	6440kg
Rear Axle	6700kg
Total weight	13140kg

REAR DIMENSIONS

Overall Width	2500mm
Height	3215mm
Wheel base	3000mm
Turning Radius	4500mm (outside)



A D V A N T A G E S

- ||| Slewing capabilities not found in conventional machines of this type.
- ||| 4 wheel steering (CRAB, all wheel steer: front and rear) selectable from dash panel.
- ||| 4 pin planetary axles increases durability.
- ||| Axle stabilisation on rear axle gives stability during over the side operations.
- ||| Air conditioned and pressurised cabin for operating in harsh environments.