

# RH9

## PICK & CARRY CRANE

### SAFETY SYSTEMS

- Audio overload indication.
- Hose failure protection.
- Audio over hoisting indication.
- Safety brakes on hoist.
- Cylinder guards.

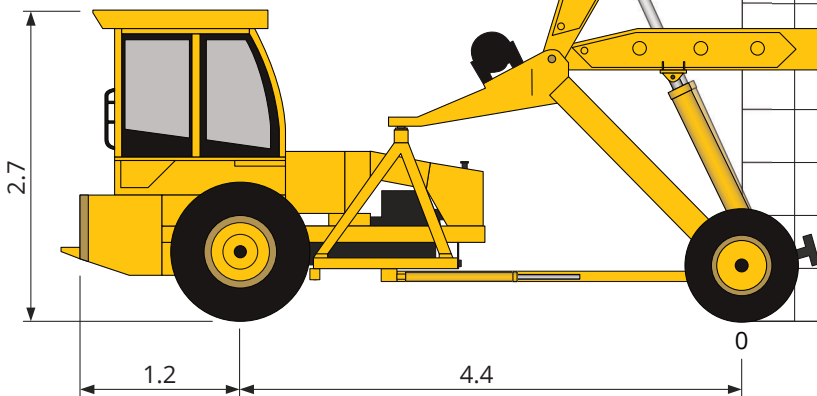
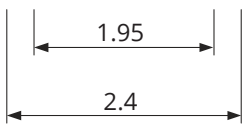
### OPTIONAL ACCESSORIES

- Steering wheel
- Slotted boom
- Spark arrester
- Over hoisting hydraulic cut off
- Safe load indicator



### STANDARD FEATURES

- ROPS fully enclosed wide view cabin.
- Front tyre protector.
- Front and rear work lights.



Load Radius in Metres
Capacity in Tons @ 85%

1.5	2.2	2.8	3.8	5.6
9	6	4.8	3.5	2.5

# SPECIFICATIONS

<b>BOOM</b>	Length	7 400 mm
	Luffing Angle	-5 degrees to 60 degrees
	Telescoping	Two part boom with hydraulically operated extension of 1800 mm stroke.
	Type	Sequential boom
	Derricking	Through double acting hydraulic cylinders
<b>DIMENSIONS</b>	Length	9 600 mm
	Width	2 400 mm
	Height	2 700 mm
<b>OPERATING WEIGHT</b>	Gross Vehicle Weight	7 750 kg
<b>TYRES</b>	Front	10.00 x 20 - 16PR(4 Nos.)
	Rear	13.00 x 24 -12PR(2 Nos.)
<b>TRACK</b>	Front	1 800 mm (centre of twin wheels)
	Rear	1 650 mm (centre of wheels)
<b>HOIST MECHANISM</b>		Hydraulic winch. Four falls (winch capacity 8 tons). Rope diameter 13 mm. Non-rotating type.
<b>ENGINE</b>	Make and Model	Simpson's S433, 4 cylinder, water cooled diesel engine Rated power 36 kW @ 2 200 RPM, BS-III (CEV) emission norms
<b>TRANSMISSION</b>	Drive	2 wheel drive
	Type	Sliding mesh with 6 forward and 2 reverse speeds and high low range selector.
	Travel Speed	29 km/hr. Restricted as per safety norms (without load)
	Clutch	Single plate heavy duty dry friction type especially designed for crane application
<b>STEERING</b>	Type	Articulated power steering hydraulically controlled through 2 double acting jacks
	Articulation	Up to 55 degrees
	Turning Radius	5 500 mm
<b>WHEELBASE</b>		4 400 mm
<b>BRAKES</b>	Front Wheel	Pneumatic assisted hydraulic brakes
	Rear Wheel	Pneumatic assisted hydraulic brakes
	Parking	Hand operated mechanically actuated at rear wheels
<b>HYDRAULIC SYSTEM</b>	Pump	Vane type hydraulic pump
	Control Valve	4 spool control valve with built in pressure relief valve and precision control
	Hydraulic Filter	Suction line has a 100 mesh inline strainer while return line has 25 microns full flow filter
<b>ELECTRICAL SYSTEM</b>		12V single battery negative earth
<b>CAPACITIES</b>	Fuel Tank	45 ltrs
	Hydraulic Tank	100 ltrs

