RH9

PICK & CARRY CRANE

SAFETY SYSTEMS

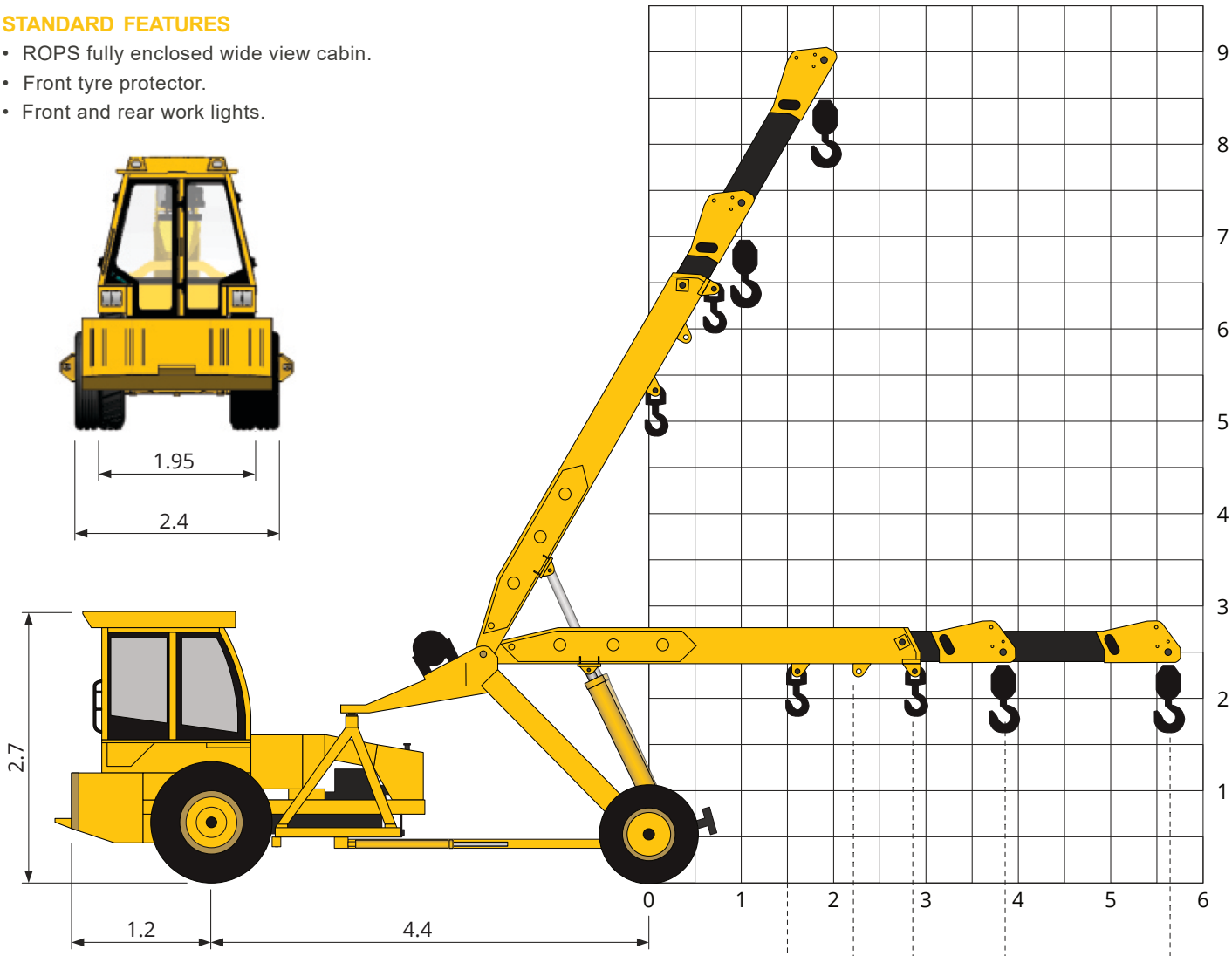
- Audio overload indication.
- Hose failure protection.
- Audio over hoisting indication.
- Safety brakes on hoist.
- Cylinder guards.

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	1.5	2.2	2.8	3.8	5.6
Capacity in Tons @ 85%	9	6	4.8	3.5	2.5

CARRY CRANES

AFFORDABLE • RELIABLE • SAFE

SPECIFICATIONS

BOOM	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
DIMENSIONS	Length	9 600 mm
	Width	2 400 mm
	Height	2 700 mm
OPERATING WEIGHT	Gross Vehicle Weight	7 750 kg
TYRES	Front	10.00 x 20 - 16PR(4 Nos.)
	Rear	13.00 x 24 -12PR(2 Nos.)
TRACK	Front	1 800 mm (centre of twin wheels)
	Rear	1 650 mm (centre of wheels)
HOIST MECHANISM		Hydraulic winch. Four falls (winch capacity 8 tons). Rope diameter 13 mm. Non-rotating type.
ENGINE	Make and Model	Simpson's S433, 4 cylinder, water cooled diesel engine Rated power 36 kW @ 2 200 RPM, BS-III (CEV) emission norms
TRANSMISSION	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
STEERING	Type	Articulated power steering hydraulically controlled through 2 double acting jacks
	Articulation	Up to 55 degrees
	Turning Radius	5 500 mm
WHEELBASE		4 400 mm
BRAKES	Front Wheel	Pneumatic assisted hydraulic brakes
	Rear Wheel	Pneumatic assisted hydraulic brakes
	Parking	Hand operated mechanically actuated at rear wheels
HYDRAULIC SYSTEM	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
ELECTRICAL SYSTEM		12V single battery negative earth
CAPACITIES	Fuel Tank	45 ltrs
	Hydraulic Tank	100 ltrs

A: 214 Albert Amon Rd, Meadowdale, Germiston
E: sales@carrycranes.co.za
w: www.carrycranes.co.za
T: +27 11 568 9033

CARRY CRANES (Pty) Ltd
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