

H14^{MX}

PICK & CARRY CRANE



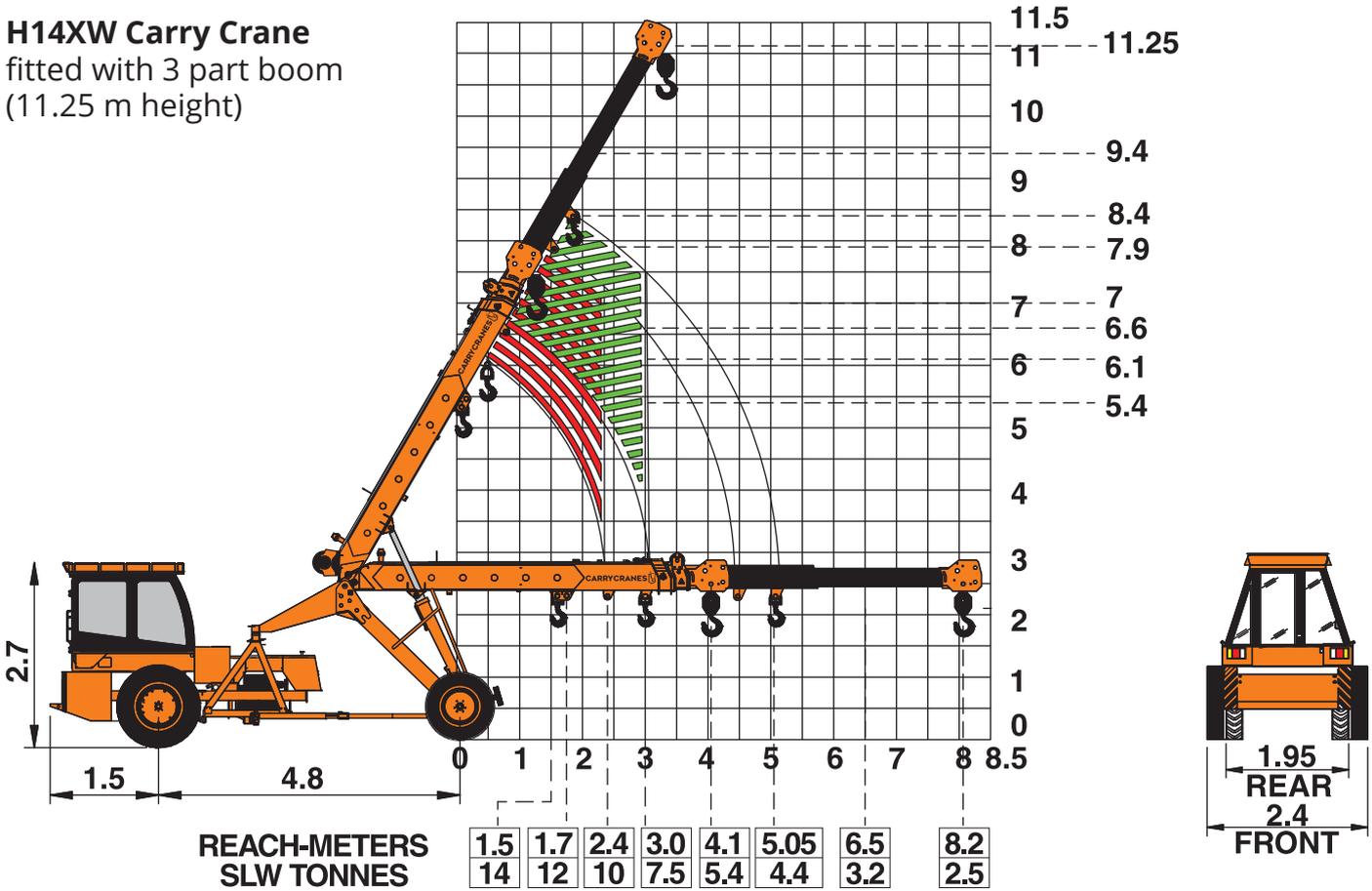
**CARRY
CRANES**

AFFORDABLE • RELIABLE • SAFE

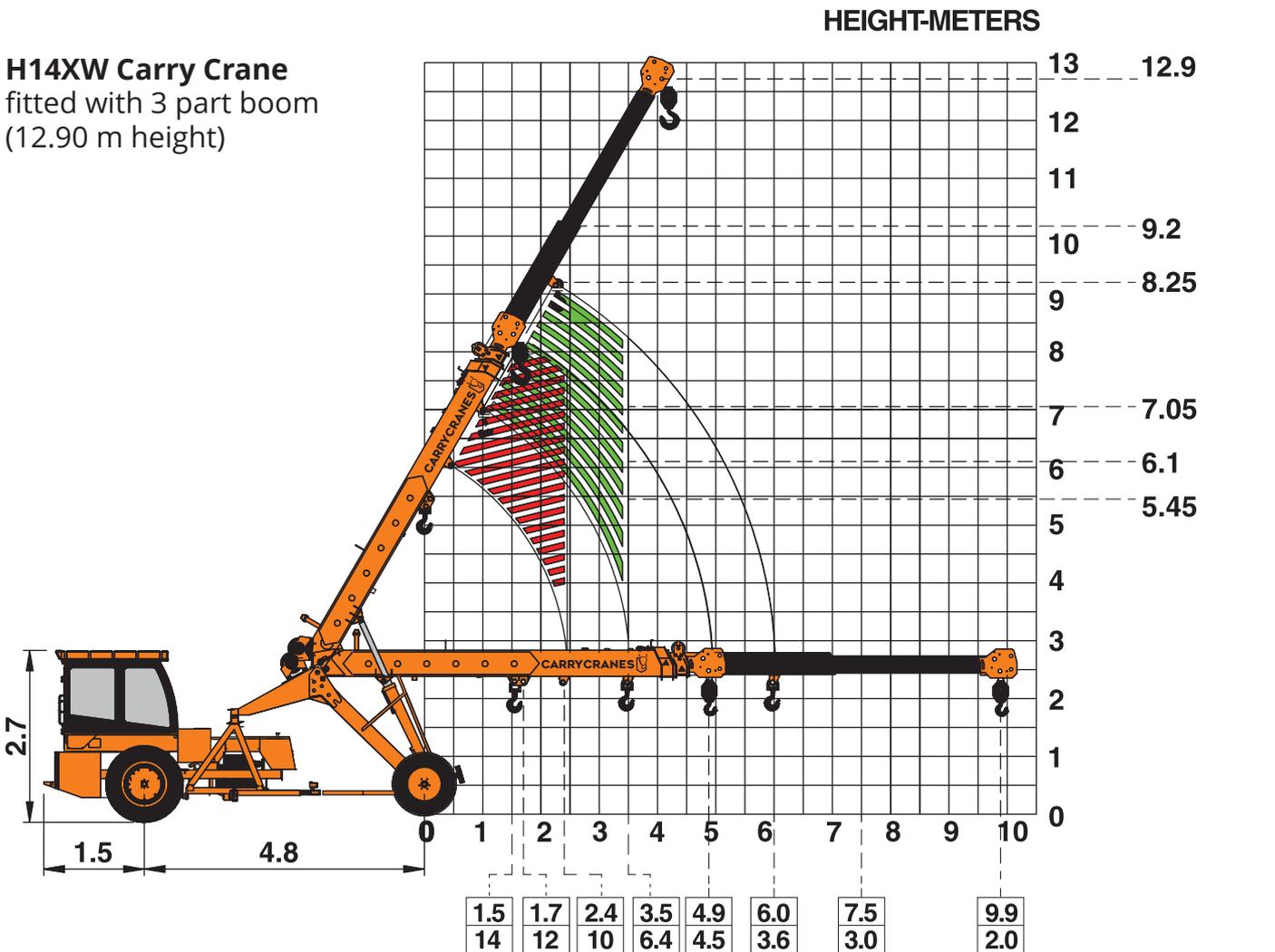


LOAD CHARTS

H14XW Carry Crane
fitted with 3 part boom
(11.25 m height)



H14XW Carry Crane
fitted with 3 part boom
(12.90 m height)



BOOM	Length	9 900 mm (Alt 11 700 mm)
	Luffing Angle	0 degrees to 60 degrees
	Telescoping	3 part hydraulically powered and fully synchronized
	Type	Slotted boom with rope compensation
	Derricking	Through double acting hydraulic cylinders
DIMENSIONS	Length	10 700 mm (Alt 11 500 mm)
	Width	2 400 mm
	Height	3 200 mm
OPERATING WEIGHT	Gross Vehicle Weight	12 000 kg
TYRES	Front	11.00 x 20 - 16PR(4 Nos.)
	Rear	13.00 x 24 -12PR(2 Nos.)
TRACK	Front	1 930 mm (centre of twin wheels)
	Rear	1 570 mm (centre of wheels)
HOIST MECHANISM		Hydraulic winch. Four falls (winch capacity 10 tons). Rope diameter 13 mm. Non-rotating type.
ENGINE	Make and Model	Four cylinder water cooled diesel engine. Rated power 37.3 kW @ 2 200 RPM, BS-III (CEV) emission norms
TRANSMISSION	Drive	2 wheel drive
	Type	Heavy duty transmission developed especially for crane application. Constant mesh gearbox coupled with straight drive axle. Eight forward and two reverse speeds with High/Low selector lever.
	Creep Speed	1.9 km/hr. Ideally suited for crane operations (with load)
	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	5 600 mm
WHEELBASE		4 800 mm
BRAKES	Front Wheel	Pneumatic assisted hydraulic brakes
	Rear Wheel	Disc brakes actuated through a slave cylinder
	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	125 ltrs

H SERIES

Our H series pick & carry cranes are ideal yard and workshop cranes. They are robust in design and easy to use with simple controls which allow the crane to be operated for fast take-up by any operator. The H series offers an affordable, reliable and safe solution for our customers' materials handling needs. Each crane comes standard with crawl gear, pneumatic brakes and an SLI system. Optional extras include spark arrestor systems for mining applications as well as customized features on request.

SAFE LOAD INDICATOR

All Carry Cranes come standard with an easy to use Safe Load Indicator (SLI). Our unit provide Overload, A2B and NLZ cut-out. The SLI is wired into a dump valve in the hydraulic circuit. Once the cut-out limit has been reached the dump valve is activated and the crane become immobile. Each unit provides visual feedback by means of a colour bar while the display unit indicates the capacity of crane during each part of lift. In an industry strictly regulated in terms of health and safety for lifting operators, it is law that all cranes must be fitted with Safe Load Indicator (SLI). Our H-Series is first in its class to offer an SLI system as a standard feature.



SAFETY SYSTEMS

- Safe load indicator (hydraulic cutoff)
- Rope compensation for auto leveling
- Overload audio warning system
- Hose protection failure device
- Cylinder guard for protection
- Safety brakes on hoist

STANDARD FEATURES

- Turn and reverse lamp
- All weather cabin
- Rearview mirror
- Front bumper
- Reflectors

OPTIONAL ACCESSORIES

- Load Carrying front bumper
- Air conditioned cabin
- Fire extinguisher
- Spark arrestor