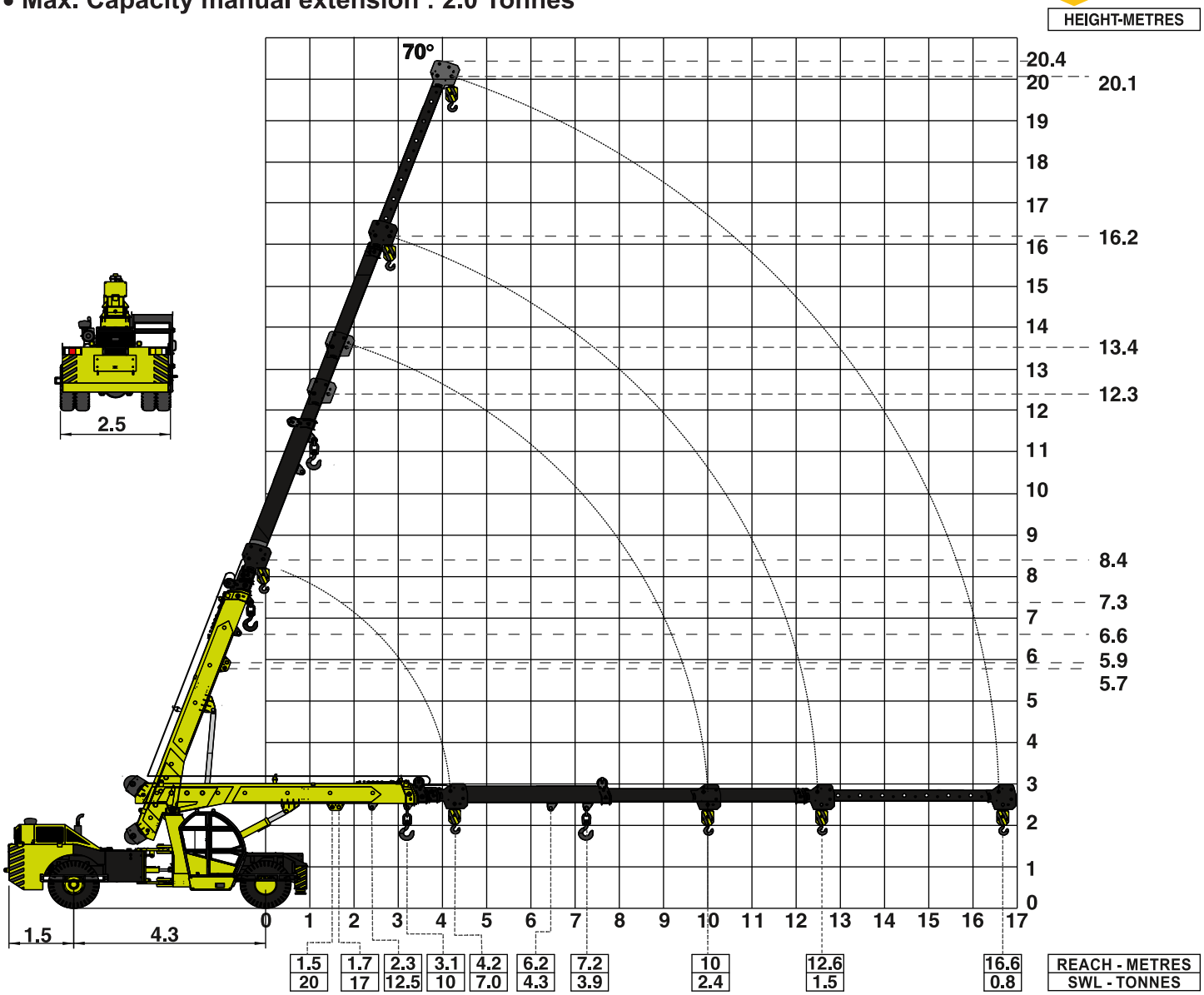
F21

PICK & CARRY CRANE

- **Max. Capacity Fly jib : 1.25 Tonnes**
- **Max. Capacity manual extension : 2.0 Tonnes**



- Radius is the horizontal Distance Measured from the center of front wheel to the load point
- S.W.L are based on firm level ground with tyres 11x20 - 16 ply rating to 115 PSI. Weight of hooks, blocks, slings & chain etc. included
- Lift & Carry - the S.W.L Shall be carried with the minimum boom length & as close to the ground as possible at speed not in excess of 2 kmph.
- Boom head mounted RHINO hook capacity - 6000 kg

CARRY CRANES

AFFORDABLE • RELIABLE • SAFE

SPECIFICATIONS

RATED CAPACITY	Max Weight	20.0 ton at 1.50 m radius
	Max Raduis	0.8 ton at 16.60 m radius
	Max Height	20.10 m
BOOM	Length	18.80 m
	Luffing Angle	-7 to 70 degrees
	Telescoping	4 part boom, 3 part hydraulically powered & fully synchronised. 4th part power extended and manually pinned for safety
	Type	Slotted boom with rope compensation
	Derricking	Through double acting hydraulic cylinders
DIMENSIONS	Length	10 300 mm
	Width	2 500 mm
	Height	3 215 mm
TRACK	Front	1 825 mm
	Rear	1 825 mm
WHEELBASE		4 300 mm
OPERATING WEIGHT	Front	8 320 kg
	Rear	11 535 kg
	Total	19 855 kg
PERFORMANCE	Speed	max 40 km/hr
	Gradeability	40% unladen
ENGINE	Make and Model	Diesel engine Turbo charged water cooled, developing 75.3KW @ 2400 RPM
TRANSMISSION	Drive	4 wheel drive
	Type	Synchromesh gearbox with auxillary gearbox. Speeds-10 forward and 2 reverse
	Clutch	Single, dry type friction clutch plate
STEERING	Type	Full power orbitrol with twin hydraulic double acting rams
	Articulation	40 degrees
	Turning Radius	7 200 mm
TYRES		8 nos. - 11x20 - 16 PR
BRAKES	Service	Fully air operated 'S' cam dual circuit brakes on front & real axles
	Parking	Air operated, spring actuated fail safe brakes
HYDRAULIC SYSTEM	Pump	46 cc/rev
	Control Valve	Control Valve-3 spool double acting with a built in relief & auxillary valves
HOIST MECHANISM		Hydraulically operated with 4 falls Built in safety brakes
ELECTRICAL SYSTEM		12 V, DC

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