NXP15

PICK AND CARRY CRANE, CUM AERIAL ACCESS PLATFORM

max	15 ton
H	15.5 m
P	21.0 m
	1.5 km/h
	High
	Low

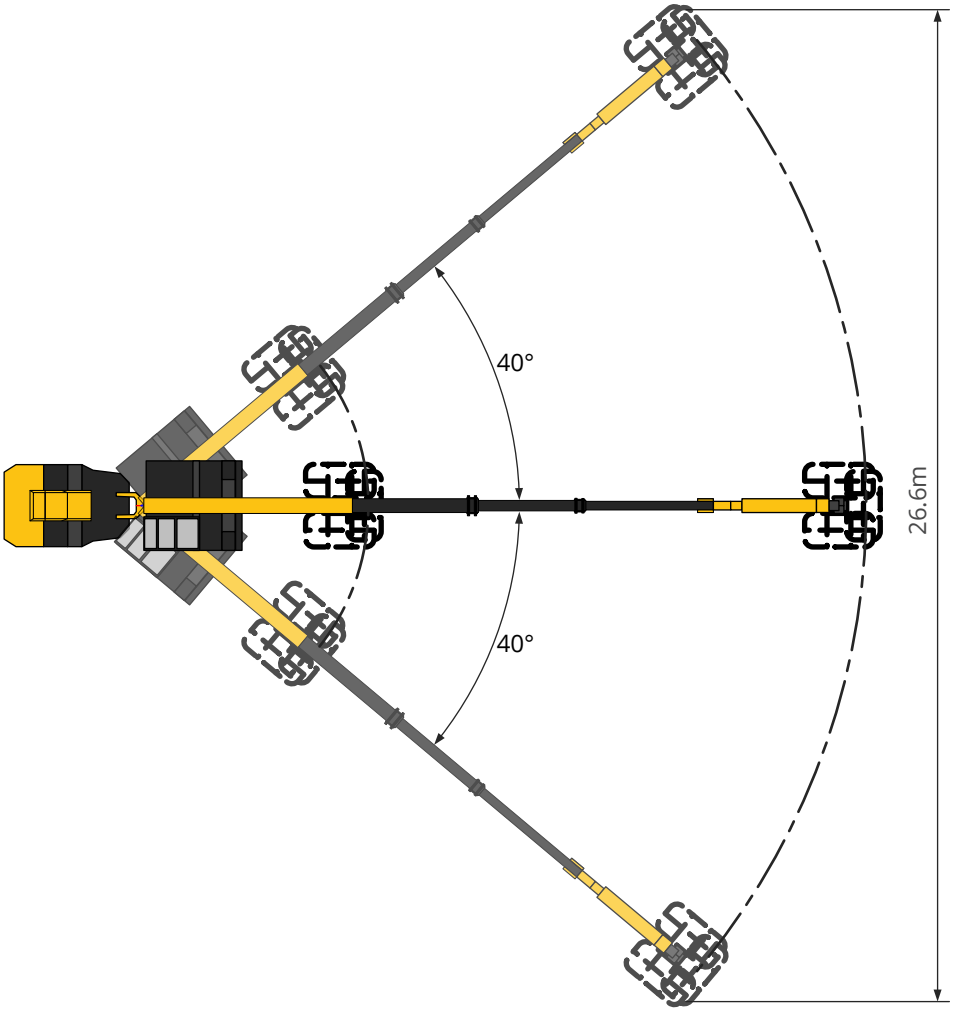
CARRY CRANES

AFFORDABLE • RELIABLE • SAFE

Features

JIB ARTICULATION

WORKING RANGE



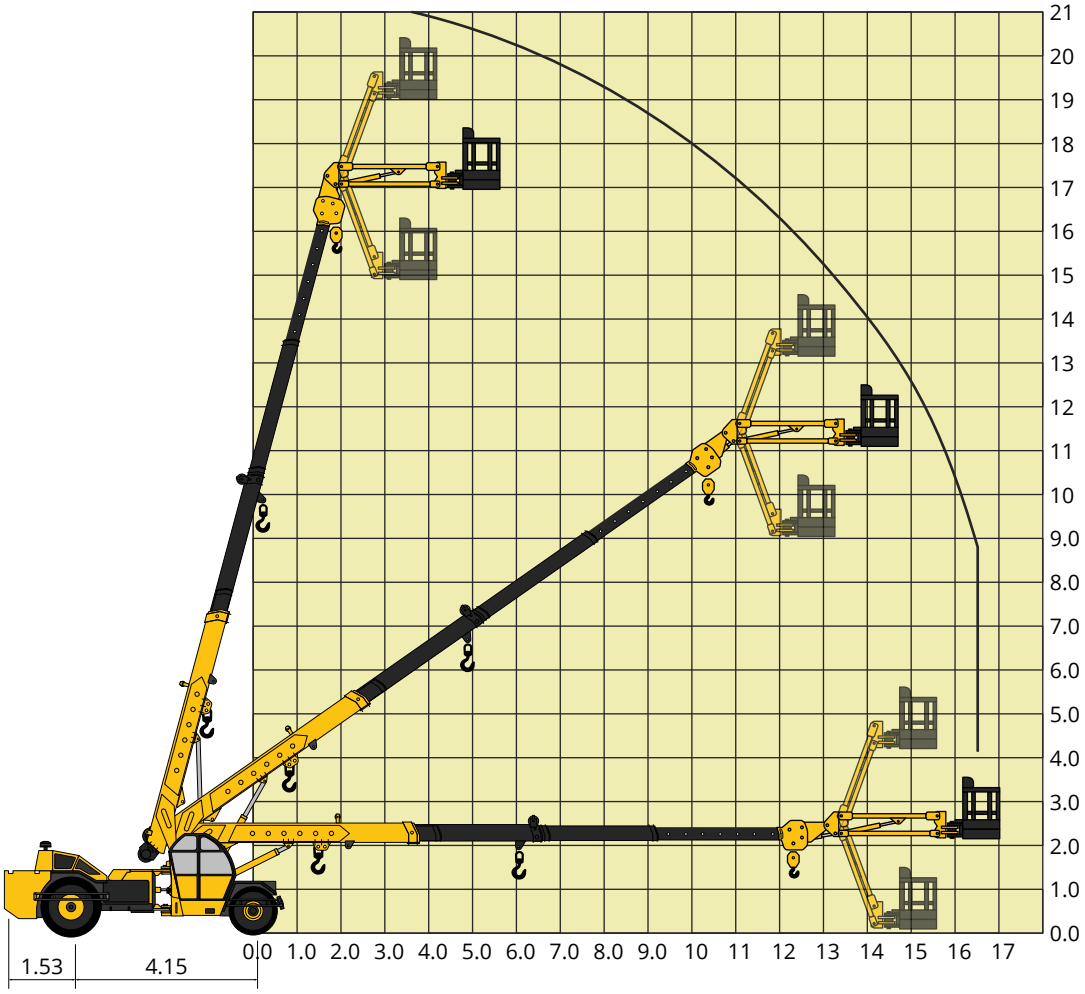
PLATFORM ROTATION

OVERVIEW

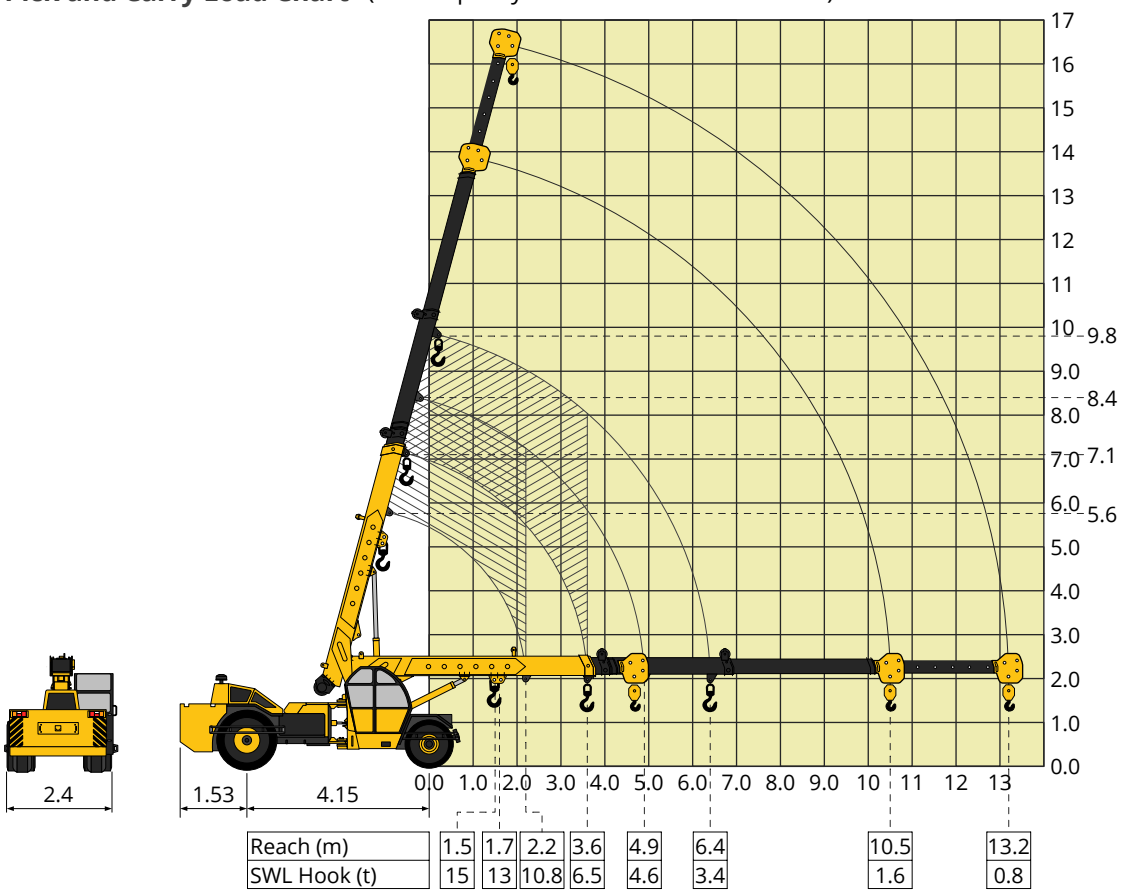
Aerial Platform		Access platform / Man Lift Basket is provided with quick coupling connections for easy and fast Installation / Removal
Length	Lenght	1800 mm (1.8 m)
Width	Width	910 mm (0.91 m)
Capacity		230 Kgs
Maximum Range	Working Height	21 m
	Platform Height	19 m
	Horizontal Reach	16.6 m
Jib Angle	Up	70°
	Down	70°
Jib Articulation Range		140°with 2 Mtrs. above & 2 Mtrs. below horizonal
Platform Rotation		180° (90° on either side) Hydraulically Driven through Slew/ Rotary Drive

Load Charts

Man Basket Load Chart (Max. Capacity of Man Basket - 230 kg)



Pick and Carry Load Chart (Max Capacity manual extension - 2.0 ton)



Reach (m)	1.5	1.7	2.2	3.6	4.9	6.4	10.5	13.2
SWL Hook (t)	15	13	10.8	6.5	4.6	3.4	1.6	0.8

STANDARD EQUIPMENT

- Front mounted fully enclosed wide view cabin
- Rear View Camera
- Front and rear work lights
- Beacon rotating light
- Reflectors & Rear View Mirrors
- Tool Kit
- Cabin Fan

OPTIONAL EQUIPMENT

- 4 part slotted boom, 3 parts hydraulically operated & synchronized and 4th part power extended 18.3 m height)
- Fly Jib (1.25 Tonnes Max Capacity)
- Front and side Proximity Sensors
- Cabin Front Glass Protector
- Helper/Slinger Seat
- Spark arrester
- Fire Extinguisher
- Drag winch

SAFETY SYSTEMS

- Front outriggers
- Hose failure protection
- Safe load indicator system
- Over Hoist hydraulic cutoff
- Safety brakes on hoist
- Self adjusting hook block
- Front and rear wheel guards

Specifications

RATED CAPACITY (HOOK)	Max Weight	15.0 ton at 1.50 m radius
	Max Raduis	1.3 ton at 9.90 m radius
	Max Height	11.50 m
RATED CAPACITY (MAN BASKET)	Max Weight	230 kg
	Max Raduis	16.6 m
	Max Height	19.0 m
BOOM	Length	11.7 m
	Luffing Angle	-3 to 75 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 (Hook)	10 700 mm
	Width	2 400 mm
	Height	2 600 mm
TRACK	Front	1 900 mm
	Rear	1 800 mm
WHEELBASE		4 150 mm
OPERATING WEIGHT	Front	4 900 kg
	Rear	9 700 kg
	Total	14 600 kg
PERFORMANCE	Speed	max 32 km/hr
	Creep Speed	min 1.5 km/hr
	Gradeability	40% unladen
ENGINE	Make and Model	TATA 4 cylinder, water cooled diesel engine,developing 56.7KW @ 2200 RPM
TRANSMISSION	Drive	2 wheel drive
	Type	Synchromesh gearbox. Speeds-8 forward and 2 reverse with hi-low selector
	Clutch	Single, dry type friction clutch plate
STEERING	Type	Full power orbitrol with twin hydraulic double acting rams
	Articulation	40 degrees
	Turning Radius	8 200 mm
TYRES	Front	4 nos. - 11.00 x 20 - 16 PR
	Front	2 nos. - 14.00 x 25 - 20 PR
BRAKES	Service	Fully air actuated brakes on rear wheels and pneumatically assisted hydraulic brakes are provided on front wheels
	Parking	Air operated, spring actuated fail safe brakes
HOIST MECHANISM	Hook Block	8 T Hydraulically operated with 4 falls snatch block.
	Line Speed	50 m/min
ELECTRICAL SYSTEM		12 V, DC

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