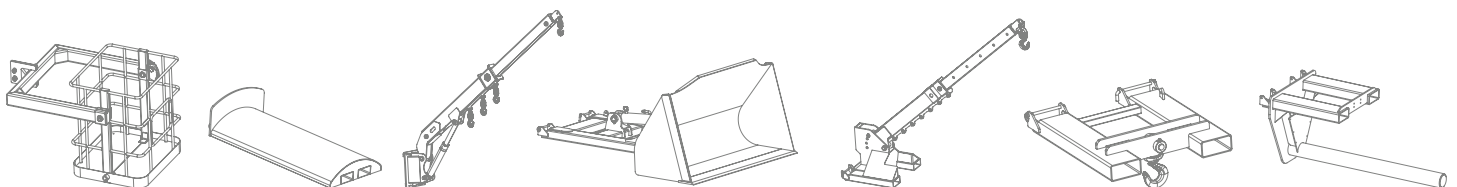


ALLROUNDER

RT 450



INDIA'S FIRST **MULTI - PURPOSE** MATERIAL HANDLING MACHINE WITH ATTACHMENTS



TECHNICAL SPECIFICATIONS

RT450



MACHINE	
Model	Allrounder RT450
Max Capacity	4 Ton
Max Lift Height	4.5 M

ENGINE	
Model	KOEL - BSV
Type	Diesel, 4-Stroke, Naturally Aspired
Cylinders	4
Fuel Injection	Direct high pressure common rail
Fuel	Diesel
Cooling	Water Cooled
Horsepower	74.5 HP (54.8 KW) @2200 rpm
Maximum Torque	300NM @ 1320 RPM
Fuel Capacity	90L

TRANSMISSION	
Model	Standard 4F-4R Power Shuttle Synchronmesh Transmission Manual Gear Shift
Make	Carraro

FRONT AXLE	
Make	Carraro Heavy Duty Rigid Axle

HYDRAULICS	
Pump (Parker)	Gear Pump
Flow	57 LPM @ 2200 RPM
Pressure	220 Bar
Hydraulic System Capacity	100 L

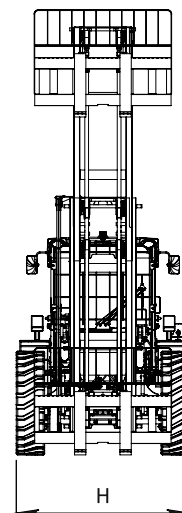
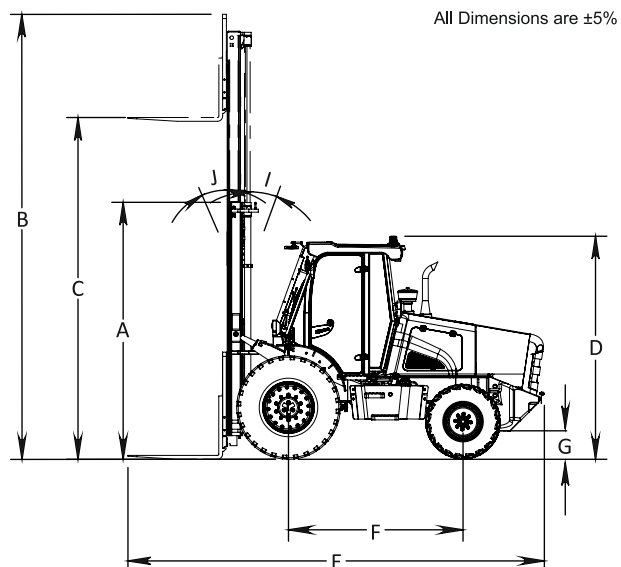
ELECTRICAL	
Voltage	12 V Heavy Duty (Single Battery)
Battery	180 AH

STEERING	
Rear Wheel Steer	

BREAKING	
Oil Immersed Disc Front Brake	

TYRES	
Front	14 x 25
Rear	12.5/80 x 18
Max Travelling Speed	35 Kph without Load 15 Kph with Load

DIMENSION (2WD/4WD)	IN MM
A. Overall height to top of mast-mast closed	3380
B. Overall operating height-mast raised to full height	5920
C. Maximum fork height - mast fork horizontal	4500
D. Overall height to top of cab roof	2875
E. Total length (Rear counter weight to fork end)	5500
F. Wheel base	2290
G. Ground clearance	305
H. Overall Width	2315
I. Backward Mast Tilt	15°
J. Forward Mast Tilt	15°
Mast Side Shift - Right	75
Mast Side Shift - Left	75
Turning Radius with Brake	4210
Turning Radius without Brake	4550



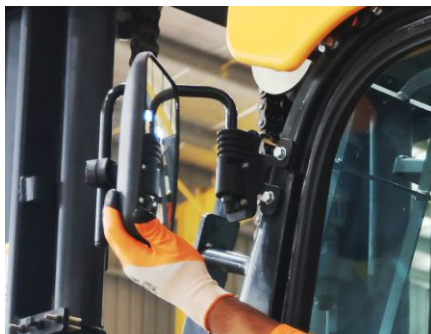
SAFETY



Rear Camera for easy view of beneath & sides of counter weight.



SLI: Machine is equipped with payload indicators that provide real-time information about the weight of the load being lifted.

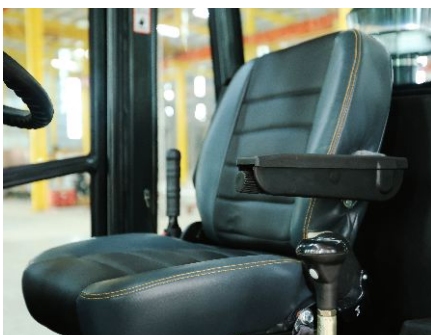


Adjustable mirrors to reduce neck strain and improve visibility around the machine.



Independent Wheel Braking: There is two independent brake paddles for each wheel to allow the operator to use it while turning on tighter turning radius.

COMFORT



Adjustable Seat: Machine is equipped with an adjustable seat that supports different body types. Adjustable can be adjusted forward and reverse up to total travel of 180 mm.



Audio Entertainment System

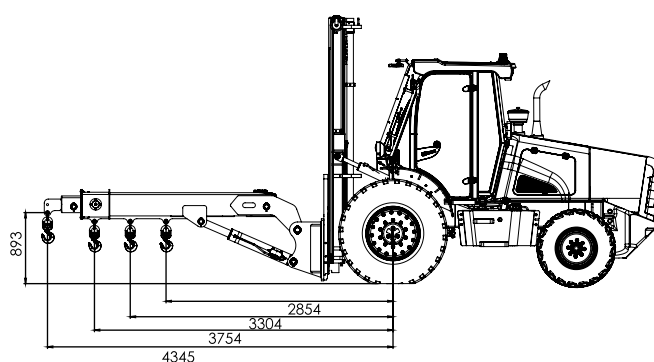
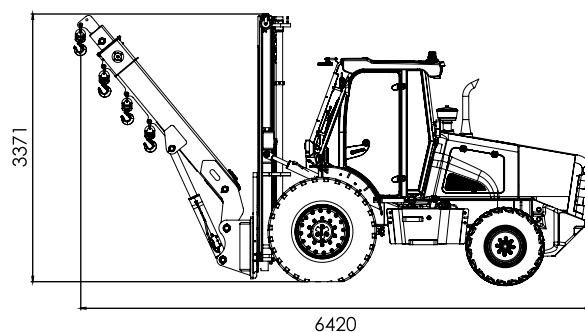


Cabin Fan

ONE MACHINE MULTIPLE ATTACHMENTS



HYDRAULIC JIB CRANE 32XC

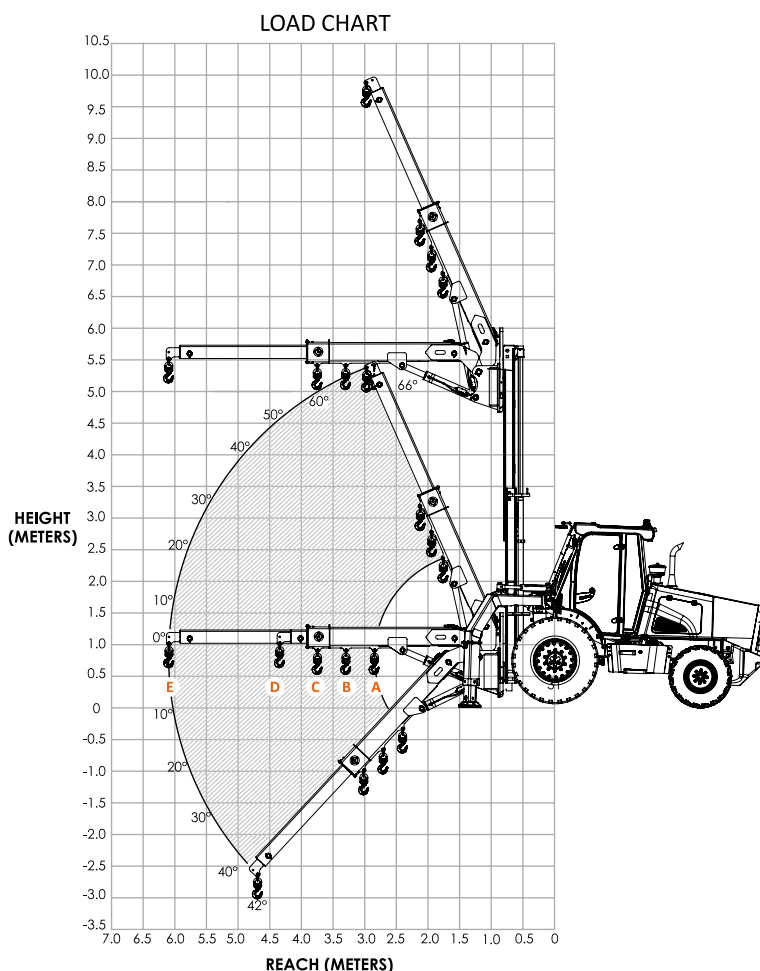


All dimensions are in mm

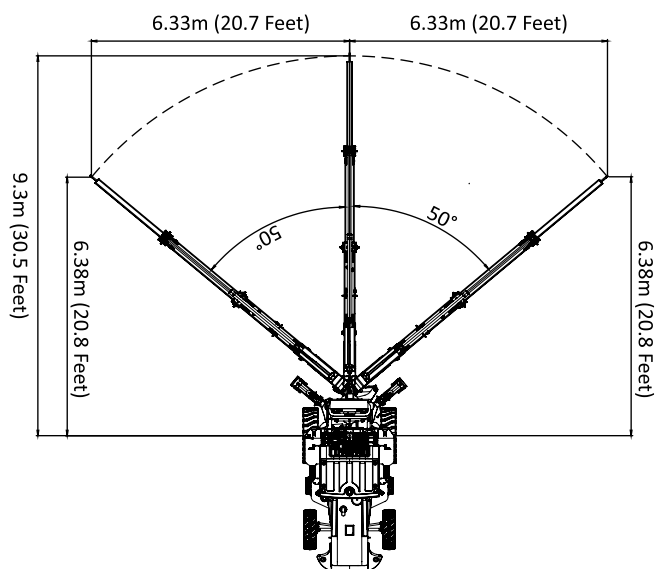
PERFORMANCE DIMENSIONS		
Load Capacity	Ton	Safe Working Load
A	Ton	2.0
B	Ton	1.7
C	Ton	1.5
D	Ton	1.3
E	Ton	1.0

- Maximum Operating Range : 12.5m (41 ft)
- Upside from ground level : 9.8m (32 ft)
- Downside from ground level : 2.75m (9 ft)
- Maximun Horizontal Outreach : 6.4m (9 ft)

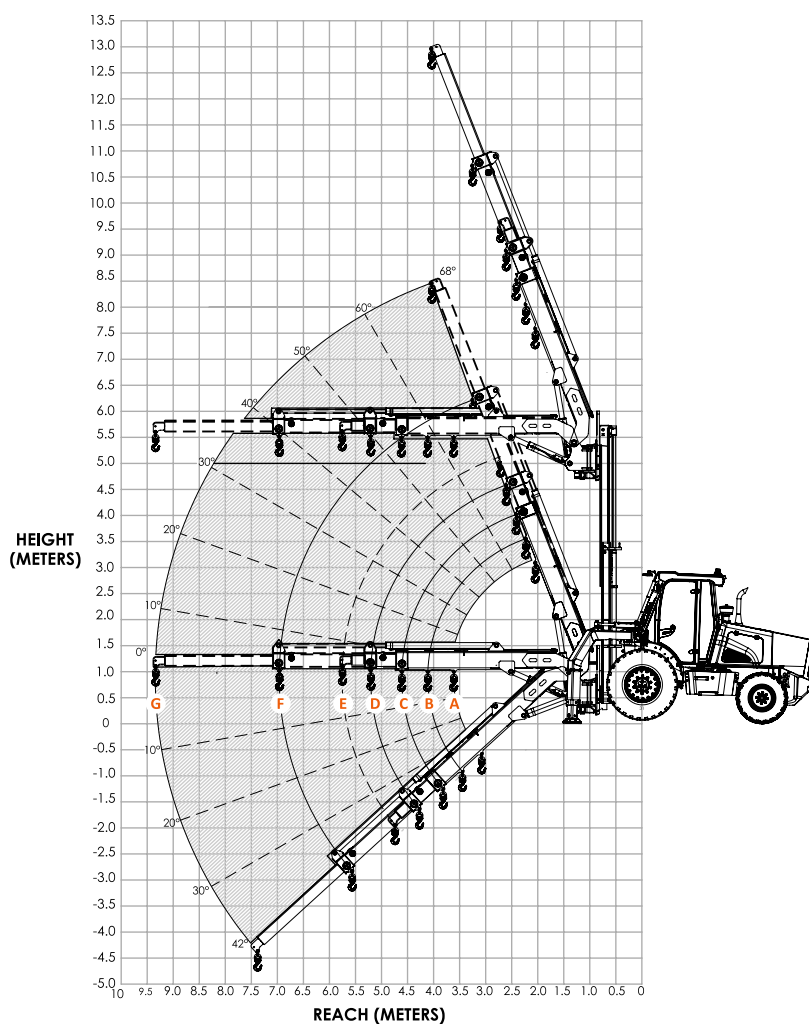
All above specifications may vary from 0 to 4%.



HYDRAULIC JIB CRANE 42XC



LOAD CHART



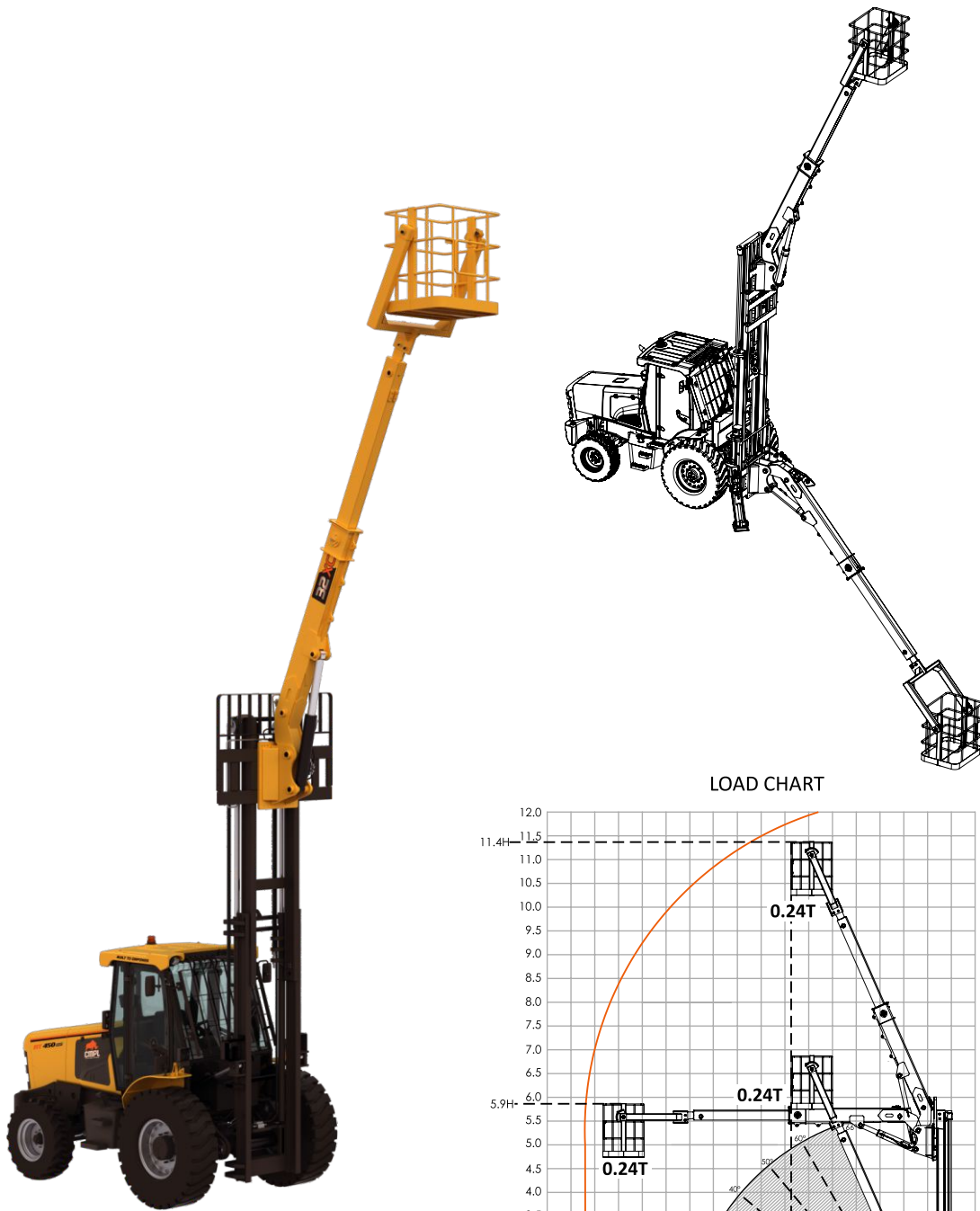
PERFORMANCE DIMENSIONS

Load Capacity	Ton	Safe Working Load
A	Ton	1.5
B	Ton	1.3
C	Ton	1.1
D	Ton	1.0
E	Ton	0.9
F	Ton	0.6
G	Ton	0.4

- Maximum Operating Range : 17m (56 ft)
- Upside from ground level : 12.8m (42 ft)
- Downside from ground level : 4.2m (14 ft)
- Maximun Horizontal Outreach : 9.3m (30.5 ft)
- Swing Outreach (Each Side) : 6.33m (20.7 ft)

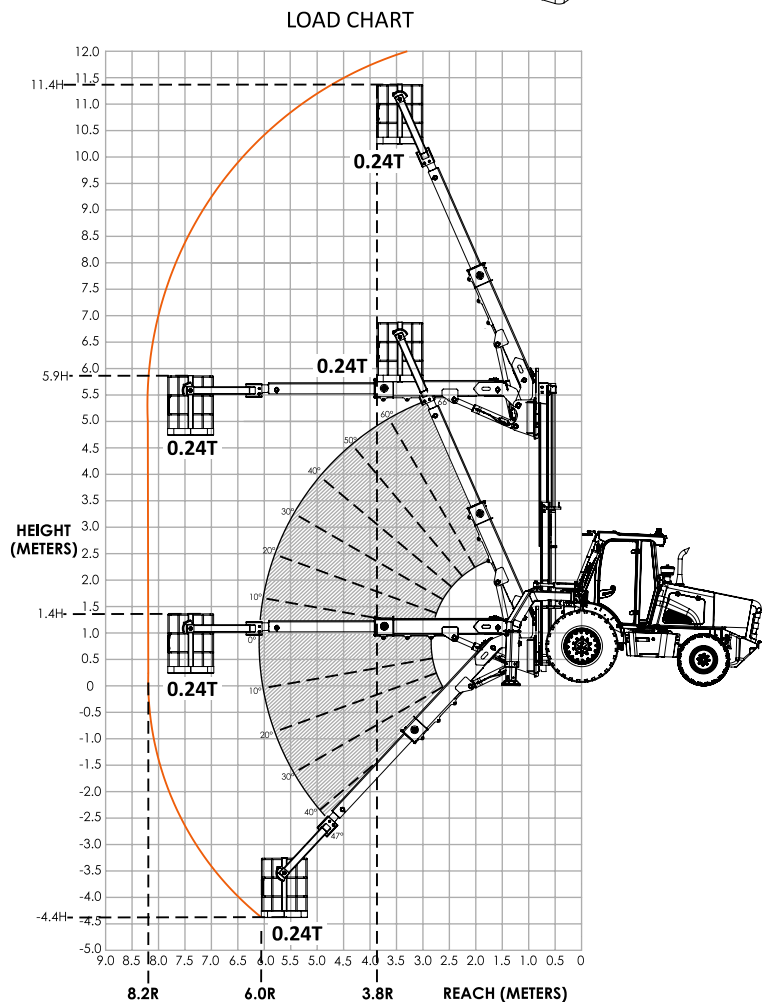
All above specifications may vary from 0 to 4%.

MAN BASKET WITH 32XC

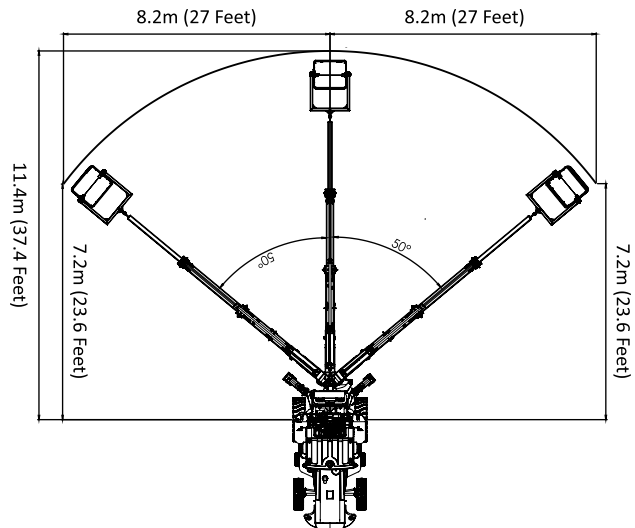


- Elevating work platform (EWP) : Man lift basket is provided with Mechanical connecting pins for easy and fast Installation/Removal
- Length : 1016mm
- Width : 865mm
- Capacity : 240kg
- Maximum Operating Range : 16.4m (54 ft)
- Upside from ground level : 12m (39 ft)
- Downside from ground level : 4.4m (14 ft)
- Maximum Horizontal Outreach : 8.2m (27 ft)

All above specifications may vary from 0 to 4%.



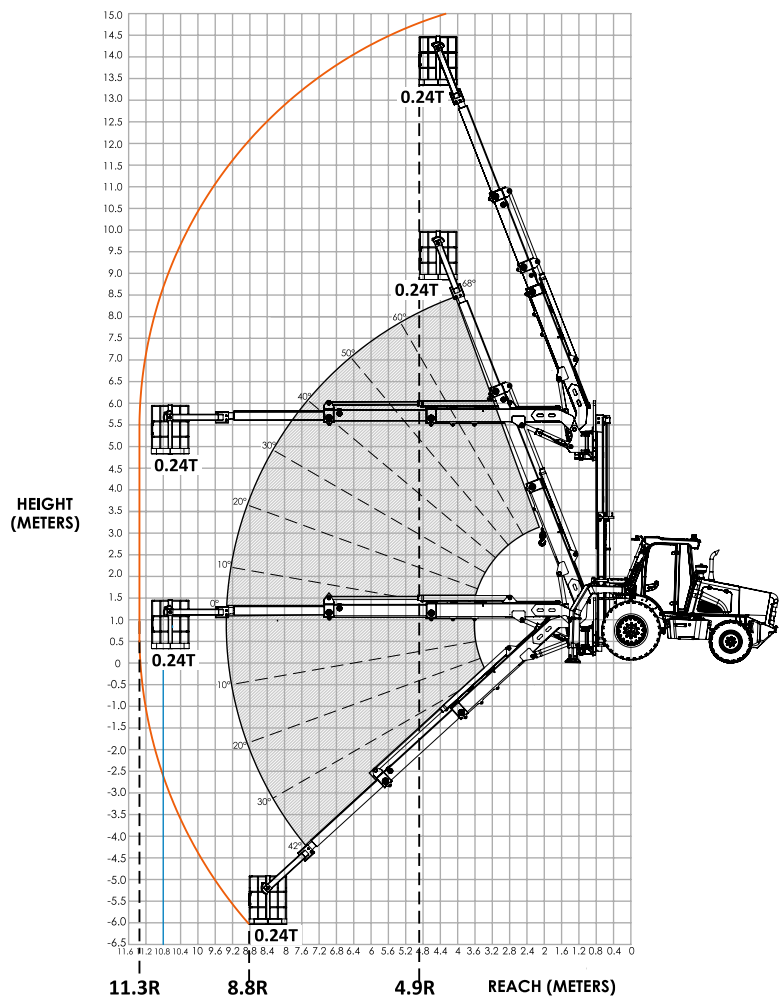
MAN BASKET WITH 42XC



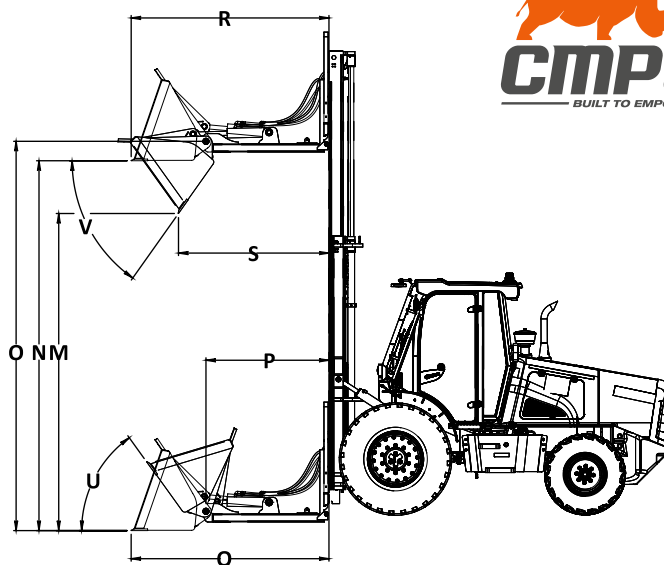
- Elevating work platform (EWP) : Man lift basket is provided with Mechanical connecting pins for easy and fast Installation/Removal
- Length : 1016mm
- Width : 865mm
- Capacity : 240kg
- Maximum Operating Range : 21m (69 ft)
- Upside from ground level : 15m (49 ft)
- Downside from ground level : 6m (20 ft)
- Maximum Horizontal Outreach : 11.3m (37 ft)
- Swing Outreach (Each Side) : 7.2m (23.6 ft)

All above specifications may vary from 0 to 4%.

LOAD CHART



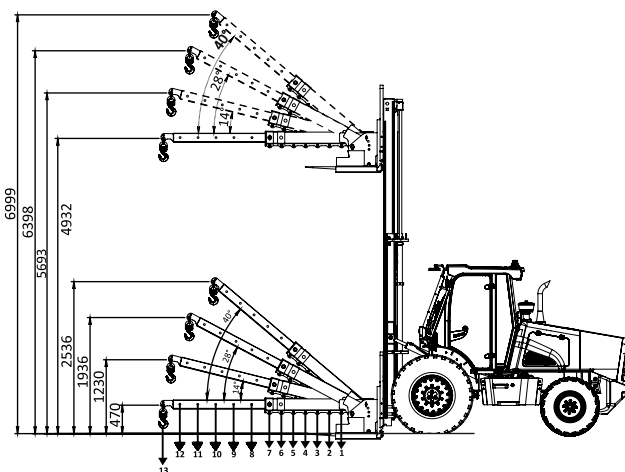
LOADER BUCKET



PERFORMANCE DIMENSIONS			
	Shovel Capacity	m3	1.1
	Shovel Width	mm	2230
V	Dump Angel	degrees	54°
U	Rollback at ground level	degrees	54°
N	Load over height	mm	4498
M	Dump Height	mm	3856
O	Pin Height	mm	4734
Q	Max. reach at ground	mm	2405
R	Max. reach at full height	mm	2405
S	Reach at full height-Bucket dumped	mm	1830
P	Pin forward reach	mm	1496
	Pay load	kg	1900

All above specifications may vary from 0 to 4%.

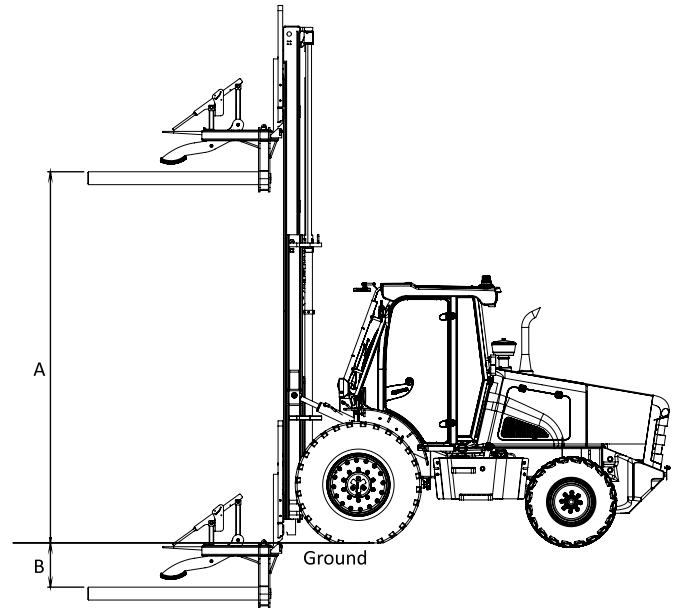
MECHANICAL JIB CRANE



PERFORMANCE DIMENSIONS		
Hook Position	Extension (mm)	Safe Working Load (Kg)
1	600	4500
2	800	3700
3	1000	3000
4	1200	2500
5	1400	2100
6	1600	1800
7	1800	1500
8	2075	1200
9	2375	1000
10	2675	750
11	2975	600
12	3275	550
13	3575	500

All above specifications may vary from 0 to 4%.

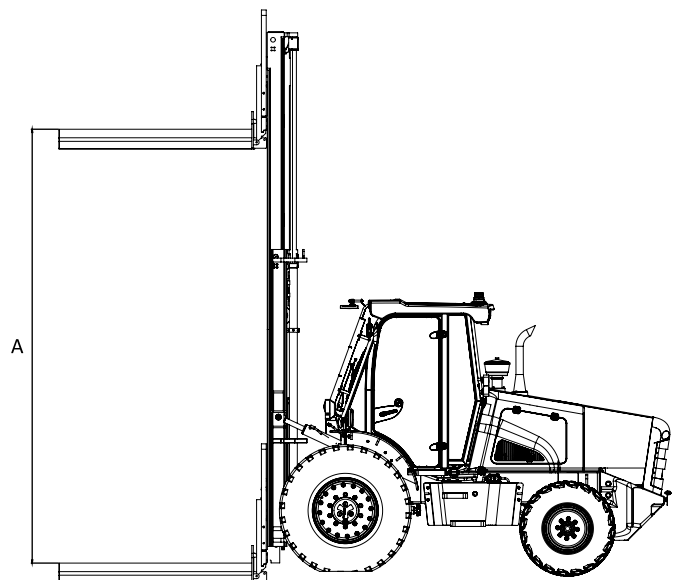
UNIVERSAL PIPE HANDLER



PERFORMANCE DIMENSIONS			
	Capacity	Ton	2
	RCC/Steel Pipe Diameter	mm	150 to 600
A	Lifting Height	mm	4070
B	Lifting Height Below Ground	mm	-430

All above specifications may vary from 0 to 4%.

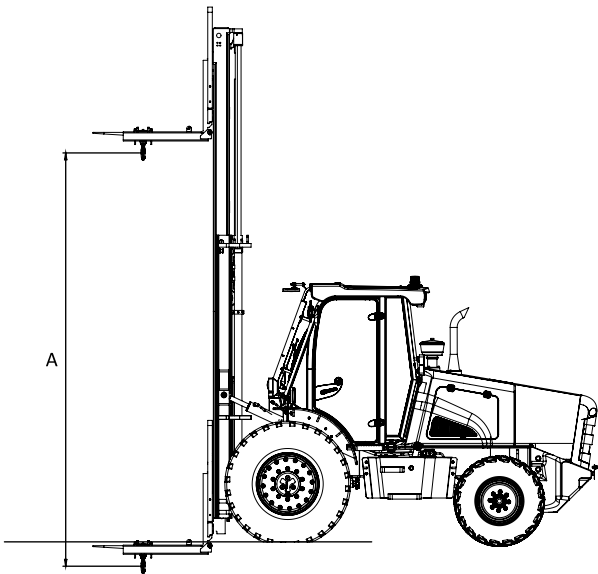
FLAT BED PIPE HANDLER



PERFORMANCE DIMENSIONS			
	Capacity	Ton	3.5
	RCC Pipe Diameter	mm	700 (Minimum)
	RCC Pipe Length	feet	8.6 (Maximum)
A	Lifting Height	mm	4500

All above specifications may vary from 0 to 4%.

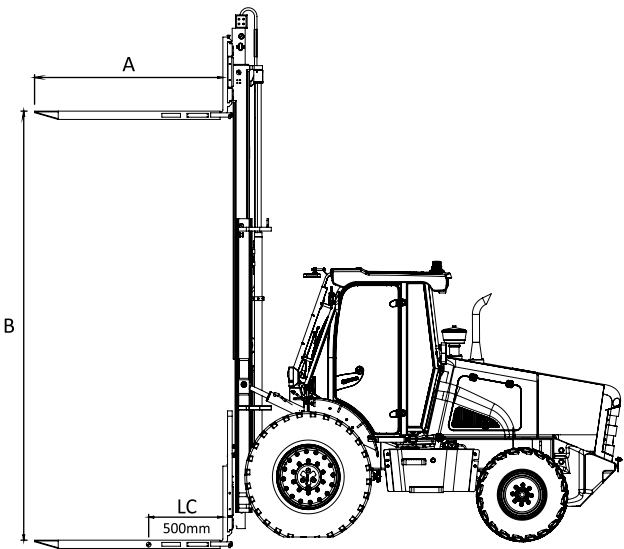
CRANE HOOK



PERFORMANCE DIMENSIONS			
	Load Capacity	Kg	4500
A	Lifting Height	mm	4500

All above specifications may vary from 0 to 4%.

FORK EXTENSION



PERFORMANCE DIMENSIONS			
	Capacity	Ton	4 at LC
A	Fork Length	mm	2030
B	Lifting Height	mm	4500

All above specifications may vary from 0 to 4%.

BLOCK HANDLER



PERFORMANCE DIMENSIONS		
Load Capacity	Kg	2700
Arms Opening Width	mm	1860
Arms Closing Width	mm	530
Arm Length	mm	1000
Arm Height	mm	210

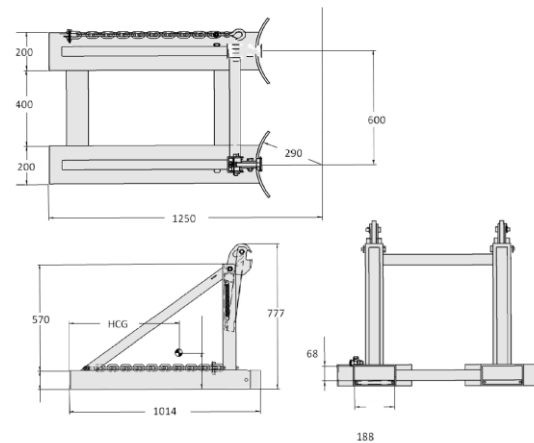
All above specifications may vary from 0 to 4%.

TWIN DRUM HANDLER

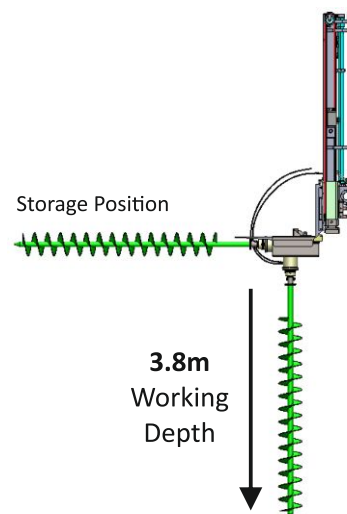


PERFORMANCE DIMENSIONS		
Safe Working Load	Kg	600

All above specifications may vary from 0 to 4%.



AUGER



PERFORMANCE DIMENSIONS		
Tool Bit Dia	inch	12
Working Depth	mtr	3.8

All above specifications may vary from 0 to 4%.

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