

SPECIFICATION

STAGE V



ROTATING TELESCOPIC HANDLER | 555-210R / 555-260R

Gross power: 112kW (150hp) | Lift capacity: 5,500kg | Maximum lift height: 20.5-25.5m



THE KING NOW HAS SWING.

The world's favourite telehandler is now available with a 360° rotating boom. Introducing the 555-210R and 555-260R with 21 and 26 metre reach respectively. Our new JCB rotating telehandlers are simple to operate and offer all-round productivity, versatility, efficiency and safety. With over 45 years of manufacturing heritage, building our Loadall telescopic handlers, supported by the best dealer network in the business, supreme reliability and peace of mind is assured.

ALL-ROUND SIMPLICITY.

Our new rotating telehandlers have the same simple, well designed controls as our standard telehandlers, delivering a similar operator experience across machines.



ALL-ROUND VERSATILITY.

Our machines combine the reach and lifting capability of a crane, the manoeuvrability of a telehandler and the access of a mobile work platform, for 3-in-1 versatility.

ALL-ROUND SAFETY.

Our new rotating telehandlers are designed for complete safety, with best-in-class visibility and load management system to keep you safe and secure at all times.



ALL-ROUND PRODUCTIVITY.

Whatever the application, our rotating telehandlers have been extensively tested and proven in real world conditions to give you maximum performance.

ALL-ROUND EFFICIENCY.

Using 85% of shared JCB components, plus proven manufacturing and assembly techniques, we provide the very highest levels of quality, reliability and efficiency.

ENGINE		
Type		JCB Dieselmax Stage V
Displacement	litres	4.8
Gross power	kW (hp)	112 (150) @ 2200 rpm
Max torque	Nm	600 @ 1500 rpm
Cylinders		4 in line
Fuel		Diesel direct injection turbocharged
Fuel tank	litres	190
AdBlue tank	litres	26
Gradeability		40%
Batteries	volts	2 x 12
Cooling system		Water – intercooler

TRANSMISSION AND HYDRAULICS		
Transmission model		Bosch Rexroth
Transmission type		Two-speed hydrostatic
Drive wheels		4-wheel drive
Steering mode		4-wheel steer – 3 steering modes

HYDRAULICS		
Type		Variable displacement pump electronically controlled with variable displacement motor
Flow rate	l/min	160
Movement control		2 servo electric joysticks
Operating system pressure	bar	290
Tank capacity	l	160

PERFORMANCE		
Rotation		Continuous 360° rotation of turret mounted on external slew ring with in cab manual slew lock
Max travel speed		40kph

AXLES		
Type		Dana Spicer – with epicyclic reduction gear
Model		213
Oscillation		±8° oscillation with automatic hydraulic lock out on rear axle

BRAKES		
Type		Power brakes hydraulically activated, oil-immersed multi-disc type on each axle
Rear axle		SAHR park brake

OUTRIGGERS		
Type		4x telescopic outriggers with one touch auto deploy/level/retract

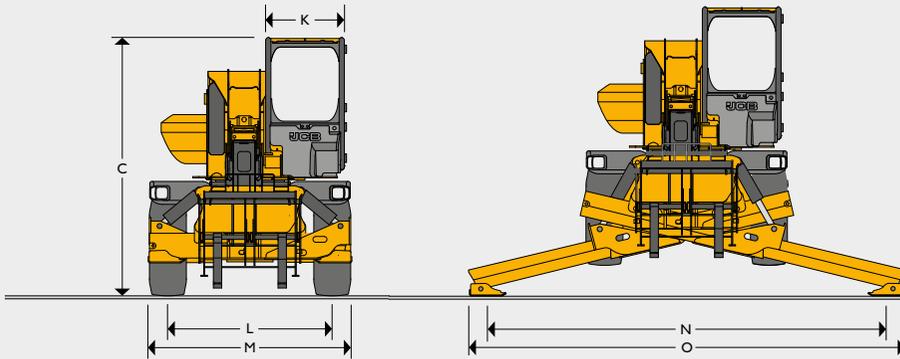
TYRES	
Type	445 / 65 R22.5

CARRIAGE	
Type	Q-Fit carriage
Attachment recognition	RFID

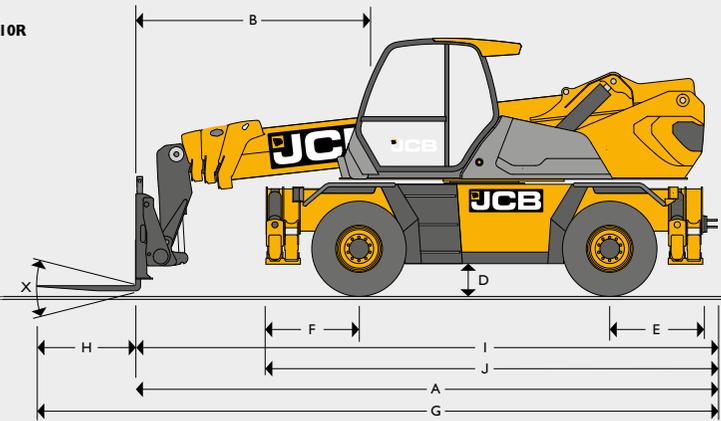
LOAD MANAGEMENT SYSTEM	
Full crane style load management system	
7" screen with rotary controller	
Envelope limits	
5 configurable speed profiles	

	555-210R		555-260R	
	m	ft-in	m	ft-in
Max lift height	6.96	22.83	8.09	20.54
Max reach	3.17	10.41	3.94	10.01
	kg	lbs	kg	lbs
Max lift capacity	5500	12125	5500	12125
Capacity at max height	2500	5512	2000	4409
Capacity at max reach	850	1874	300	661
Overall weight	17960	39595	19400	42769
Front axle unladen weight (boom retracted and lowered)	8260	18210	8660	19092
Rear axle unladen weight (boom retracted and lowered)	9700	21385	10740	23677
Fork frame and forks	276	608	276	608
Man Platform	930	2050	930	2050
Reduced height jib 5.5t - 3 position	330	728	330	728
5.5t Carriage winch	469	1034	469	1034
2t / 2m Jib winch	420	926	420	926
5.5t 680mm hook	210	463	210	463
RoMastor rotating forks	760	1675	760	1675
0.9 C.U.M shovel	336	741	336	741

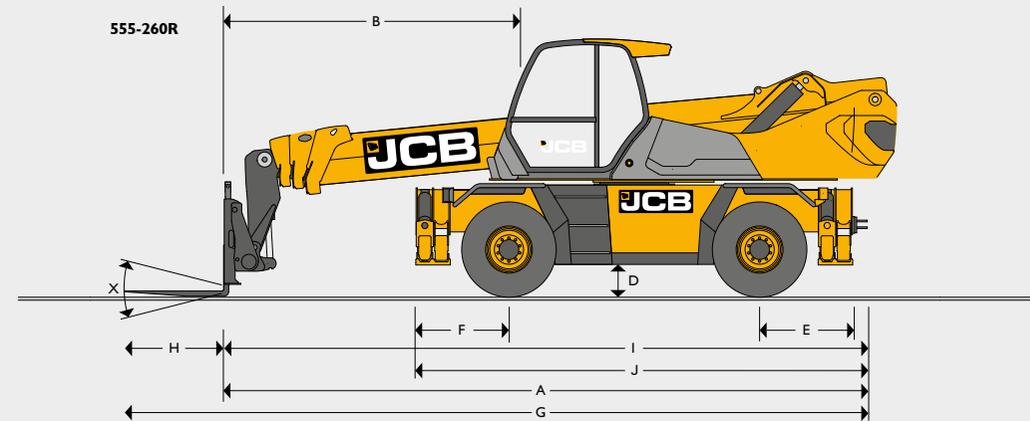
STANDARD CONFORMITY	
EN1459-2	
EN15830	
EN14401	
EN280	
ROPS/FOPS	
Stage V	
ISO10896-2	



555-210R

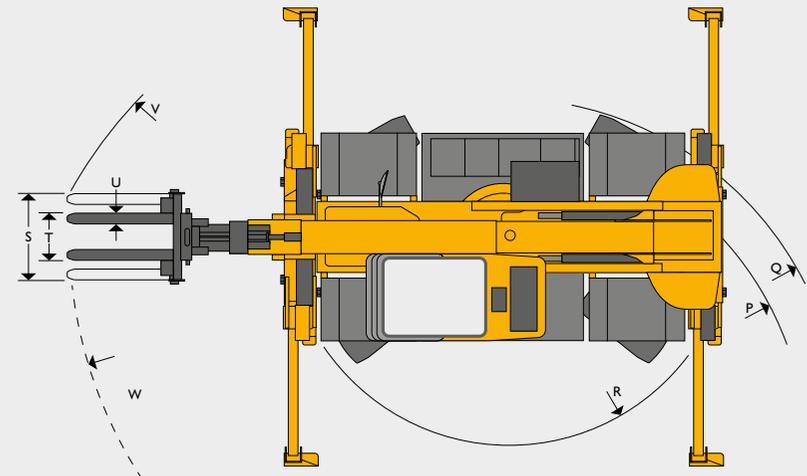


555-260R



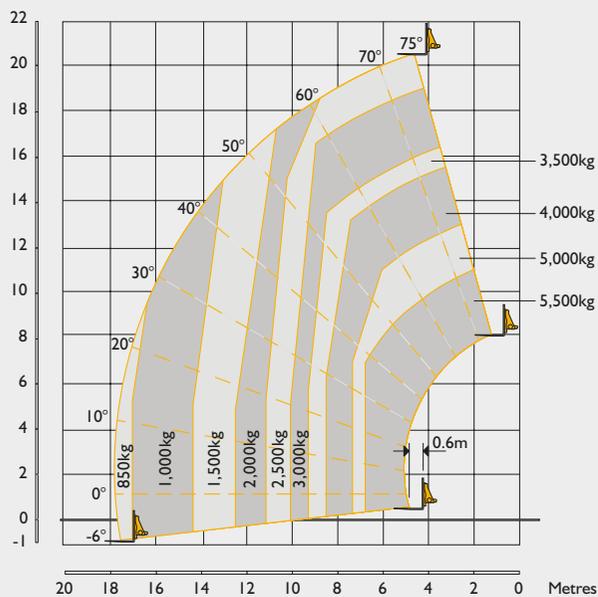
DIMENSIONS

		555-210R		555-260R	
		m	ft-in	m	ft-in
A	Machine length no attachment	6.96	22.83	8.09	20.54
B	Steering wheel to carriage	3.17	10.41	3.94	10.01
C	Machine profile height	3.08	10.09	3.08	7.81
D	Minimum ground clearance	0.33	1.07	0.33	0.83
E	Rear axle centre to rear outrigger leg	1.15	3.78	1.15	2.92
F	Front axle centre to front outrigger leg	1.15	3.78	1.15	2.92
G1	Total length of machine including forks	8.28	27.17	9.38	23.83
G2	Total length of machine with forks retained	7.25	23.78	8.30	21.09
H1	Forks length	1.20	3.94	1.20	3.05
H2	Man Platform	2.54	8.33	2.54	6.45
H3	5.5t Carriage winch	0.73	2.40	0.73	1.85
H4	0.9 C.U.M shovel	0.97	3.18	0.97	2.46
H5	Reduced height jib 5.5t - 3 position	2.21	7.23	2.21	5.60
H6	5.5t Carriage winch	0.75	2.44	0.75	1.89
H7	2t / 2m Jib winch	2.03	6.66	2.03	5.15
I	Heel of forks to recovery hitch	7.08	23.2	7.833	19.9
J	Recovery hitch to front outrigger legs	5.51	18.1	5.51	14.0
K	Width of cab (glass to glass)	0.93	3.05	0.93	3.05
L	Wheel base (centre to centre) *Tyre dependant	2.03	6.67	2.03	6.67
M	Outrigger base (Stowed)	2.51	8.24	2.51	8.24
N	Outrigger base (100% extension - centre to centre)	5.00	16.41	5.00	16.41
O	Outrigger base (100% extension - full width)	5.28	17.32	5.28	17.32
P	Inside wheel turning circle	4.07	13.35	4.07	13.35
Q	Outside wheel turning circle	4.62	15.14	4.62	15.14
R	Slewing radius of counterweight	2.73	6.93	3.23	10.58
S	Forks spacing - max	1.09	2.77	1.09	3.58
T	Forks spacing - min	0.34	0.86	0.34	1.12
U	Width of individual fork	0.10	0.26	0.10	0.33
V	Max forks turning circle	6.23	15.82	6.90	22.64
W	Slewing radius of forks (0° boom lift & 0m boom extension)	5.47	13.89	6.22	20.41
X	Carriage rotation (degrees)				

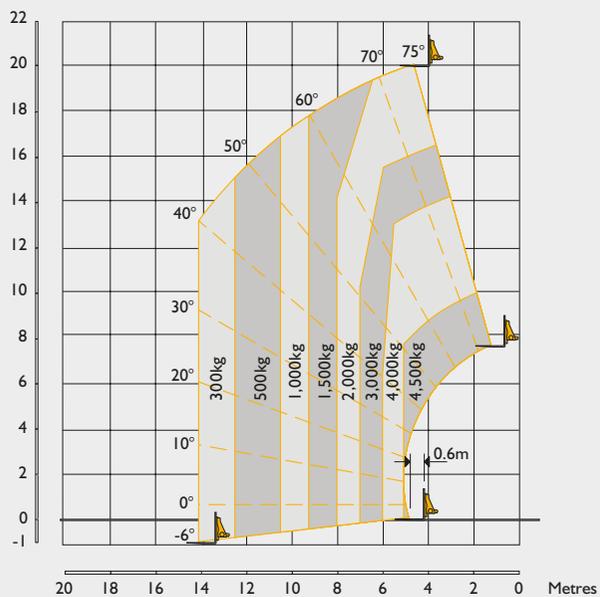


STANDARD/OPTIONAL EQUIPMENT			
TYRES			
MITAS AC70+ 445/65 R22.5 160G traction tyre		•	
MITAS AR-01 445/65 R22.5 169F smooth surface industrial tyre		+	
MICHELIN XZL 445/65 R22.5 168G multipurpose tyre		+	
DRIVETRAIN			
JCB DieselMax 112kW / 150HP Stage V engine.		•	
Engine block heater - 110V		+	
Engine block heater - 240V		+	
Engine grid heater		+	
20kph transmission speed limit		+	
x2 wheel chocks - chassis mounted		+	
Hydraulic tank cap lock		+	
Hydraulic tank drain kit		+	
CARRIAGE			
JCB clearview carriage		•	
Manual Q-FIT pin locking		•	
Automatic auxiliary venting Quick Release Couplings (QRC)		•	
Attachment recognition reader (RFID tag)		•	
LIFT END / AUXILIARY			
Man platform ready (EN 280 compliant)		•	
High flow AUX front connectors		+	
Radio remote control: full hydraulic control of lift end services		+	
Grouped greasing kit - x3 centralised locations		+	
CAB			
LMS 7" Load Management Screen		•	
RFID automatic attachment recognition on LMS		•	
Heater system		•	
Tilt and extend steer column		•	
Sun blind		•	
Radio ready (radio not supplied)		•	
2 speed front wiper with intermittent setting		•	
Deluxe air suspension heated seat		•	
Seat mounted servo joysticks		•	
LH dip fog/rev road lights		•	
x1 Emergency E-Stop (Cab floor)		•	
Manual rotating slew lock lever		•	
Air conditioning		+	
Tool box and chain box		+	
Orange seatbelt		+	
Keypad immobiliser		+	
Roof and screen guard		+	
Fire extinguisher		+	
LIGHTING			
Road lights			+
LED amber beacon: hinged			+
Beacon kit: LED Amber beacon & green beacon			+
LED amber beacon: magnetic			+
White noise reversing alarm			+
Full LED work light kit: 9x LED worklights			+
ATTACHMENTS			
Floating forks & Clearview frame			+
360° Rotating Forks (RoMastor)			+
Winch: 5500KG capacity			+
JIB winch: 2000KG capacity			+
Man basket: 1000KG capacity, 180° slew			+
JIB: 5500KG capacity			+
JIB: 3 position, 5500KG capacity			+
0.9 C.U.M shovel			+
Carriage level indicator			+
Man basket: 1000kg capacity; RFID compatible			+
Carriage level indicator			+
ADDITIONAL FEATURES			
JCB LiveLink Telematics		•	
Chassis with x4 points of access/egress		•	
ROPS/FOPS certification		•	
Cesar data tag kit		•	
LiveLink telematics (subscription is optional)		•	
Camera kit: Rear camera x1			+
Camera kit: Rear camera x1, side camera x1			+
Camera kit: Rear camera x1, side camera x1, boom nose camera x1			+
Outrigger mats and stowage			+
Outrigger mirror (boom mounted)			+
x4 emergency E-Stops on each chassis corner			+
STANDARD		•	
OPTIONAL		+	

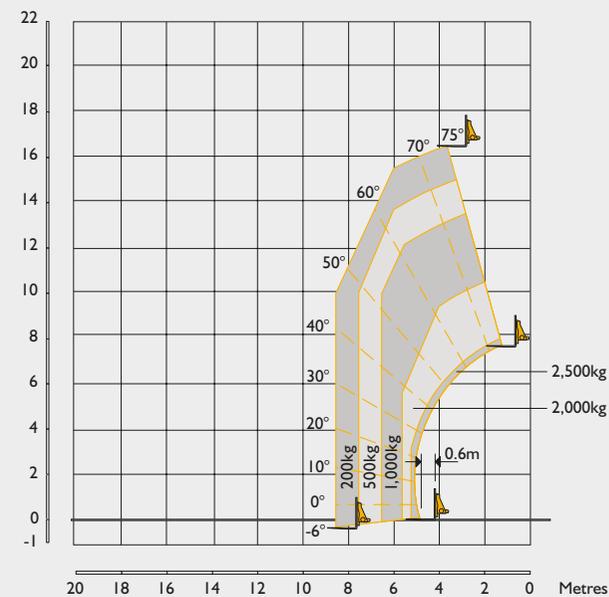
555-210R LIFT PERFORMANCE – FORKS, 360° WITH OUTRIGGERS DEPLOYED



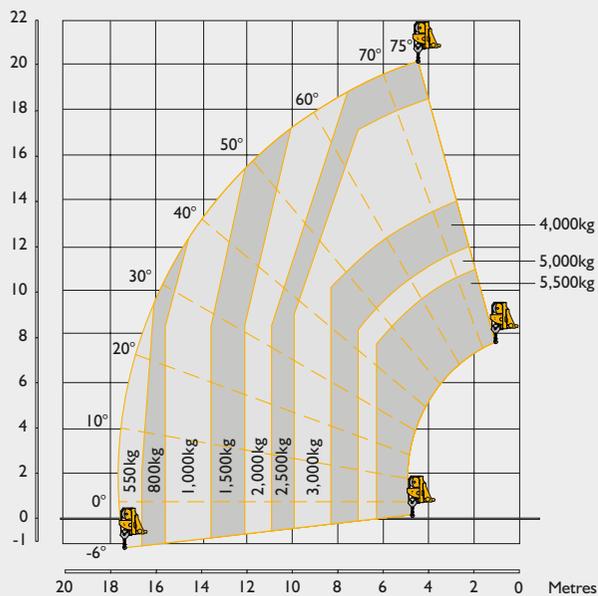
555-210R LIFT PERFORMANCE – FORKS, STRAIGHT AHEAD ON TYRES



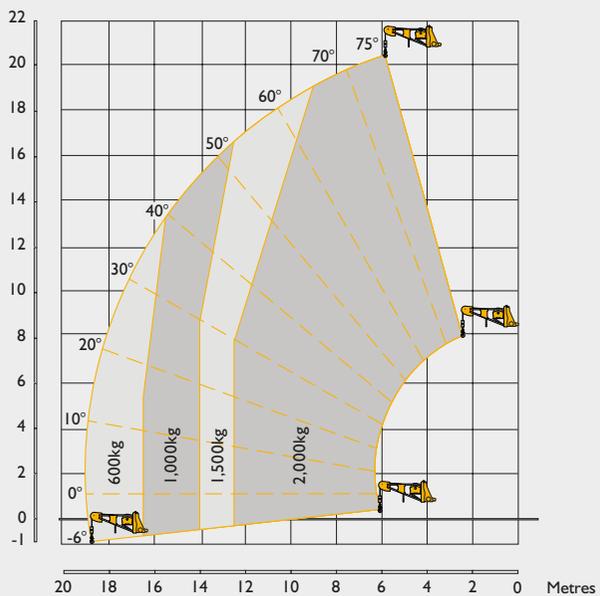
555-210R LIFT PERFORMANCE – FORKS, 360° ON TYRES



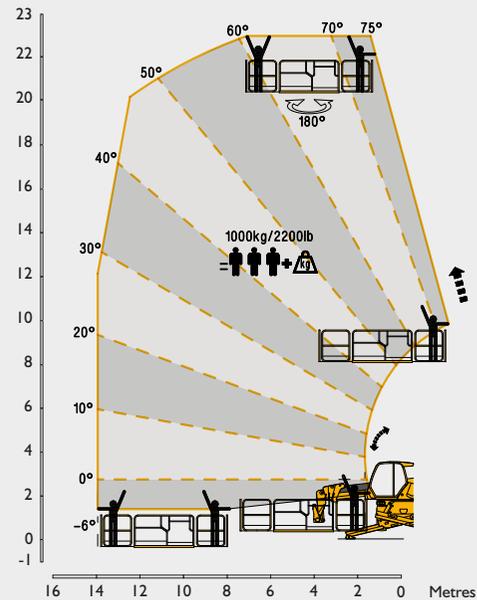
555-210R LIFT PERFORMANCE – 5.5T WINCH, 360° WITH OUTRIGGERS DEPLOYED



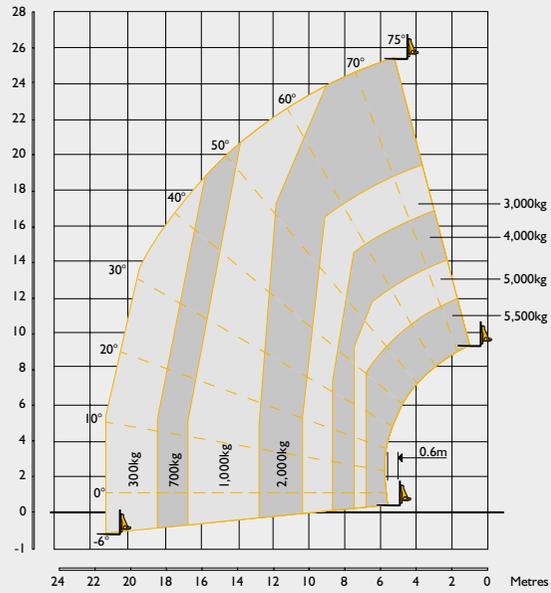
555-210R LIFT PERFORMANCE – 2T-2 METER JIB WINCH, 360° WITH OUTRIGGERS DEPLOYED



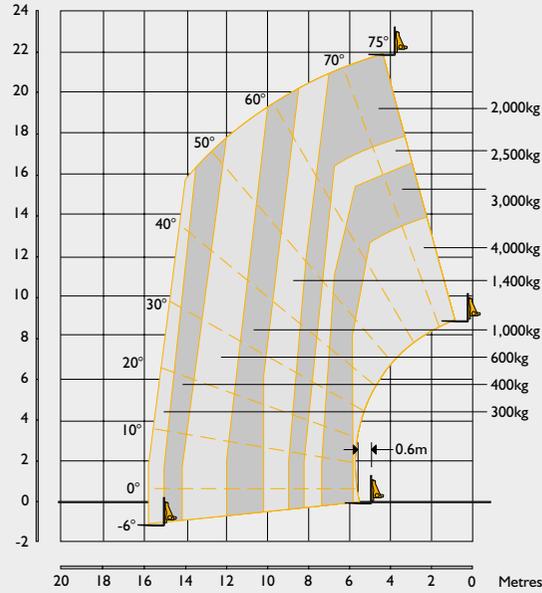
555-210R LIFT PERFORMANCE – 1000KG SLEWING MAN PLATFORM WITH OUTRIGGERS DEPLOYED



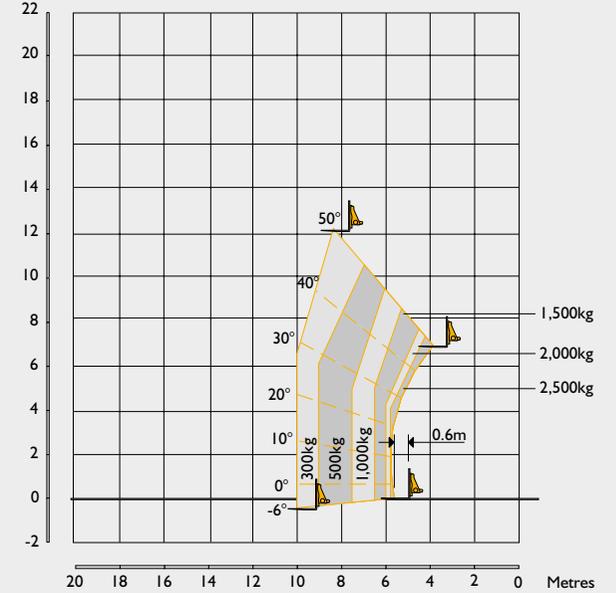
555-260R LIFT PERFORMANCE – FORKS, 360° WITH OUTRIGGERS DEPLOYED



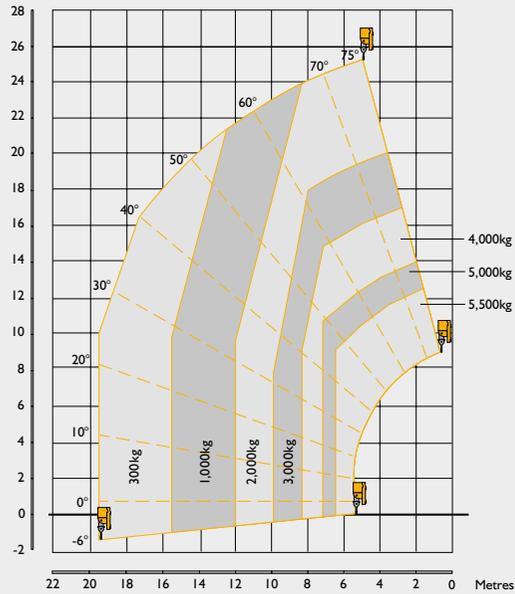
555-260R LIFT PERFORMANCE – FORKS, STRAIGHT AHEAD ON TYRES



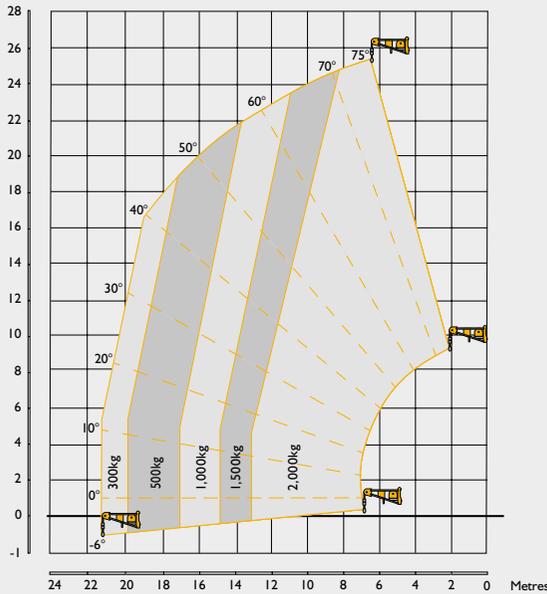
555-260R LIFT PERFORMANCE – FORKS, 360° ON TYRES



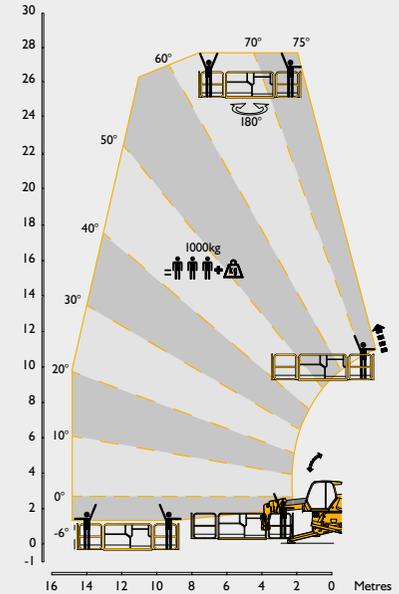
555-260R LIFT PERFORMANCE – 5.5T WINCH, 360° WITH OUTRIGGERS DEPLOYED



555-260R LIFT PERFORMANCE – 2T-2 METER JIB WINCH, 360° WITH OUTRIGGERS DEPLOYED



555-260R LIFT PERFORMANCE – 1000KG SLEWING MAN PLATFORM WITH OUTRIGGERS DEPLOYED





ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB dealer

Rotating Telescopic Handler 555-210R / 555-260R

Gross power: 112kW (150hp) Lift capacity: 5,500kg Maximum lift height: 20.5-25.5m

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Download the very latest information on this product range at: www.jcb.com

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