



PORTABLE CRANE

RK 22-215 MKI

CEPTORN | CRANES

TECHNICAL DATA

LIFTING TORQUE	203 kNm (20.7 tm)
HYDRAULIC OUTREACH	14.6 m
SLEW ROTATION	630°/70 sec
BOOM ELEVATION RANGE	-20° to +80°
MAX HOOK HEIGHT I-PART LINE	600 m
POWER SUPPLY (ELECTRICAL MOTOR)	3-phase / 4-pole / 55kW Various Voltage and Hz available Star Delta / Softstarter / Inverter
WINCH	Planetary Gear Winch
WINCH MOTOR	Bent Axis Fixed Displacement Piston Moto
SLEW DRIVE	Planetary Gear Slewdrive
SLEW DRIVE MOTOR	Orbital Motor
CONTROL VALVE	Proportional direct controlled
HYDRAULIC TANK CAPACITY	610 liters
STD WINCH MAX SINGLE LINE PULL	Up to 2720 kg
STD WINCH MAX SINGLE LINE SPEED	Up to 47 m/min
WIRE ROPE	Rotation resistant Ø 14 mm
TOTAL CRANE WEIGHT	Approx. 11650 kg

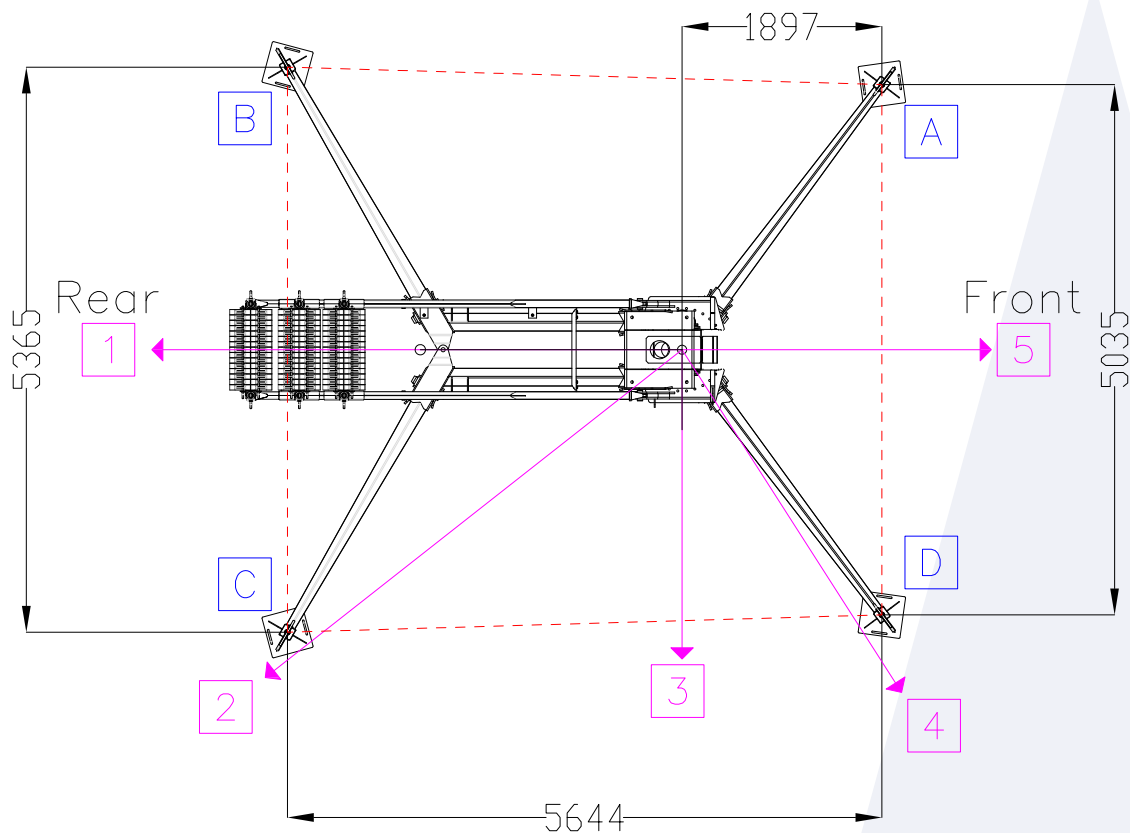


MAIN FEATURES

- Fully hot dip galvanized.
- Excellent support crane. Keep sub-contractors independent.
- Perfect for high rise construction, maintenance & refurbishment.
- Fast assembly and disassembly.
- Eliminates the problem of blocking off city streets.
- All components designed to fit in to a standard construction hoist.
- Low height. Can be installed in floor to floor applications.
- Low installation cost. Counterweighted, not bolted down.
- Low transportation cost. One single truck load.
- Can be lifted in place fully assembled.
- Castor wheels. Lockable in 8 positions.
- 2-sheave boom head.
- I-sheave hook block.



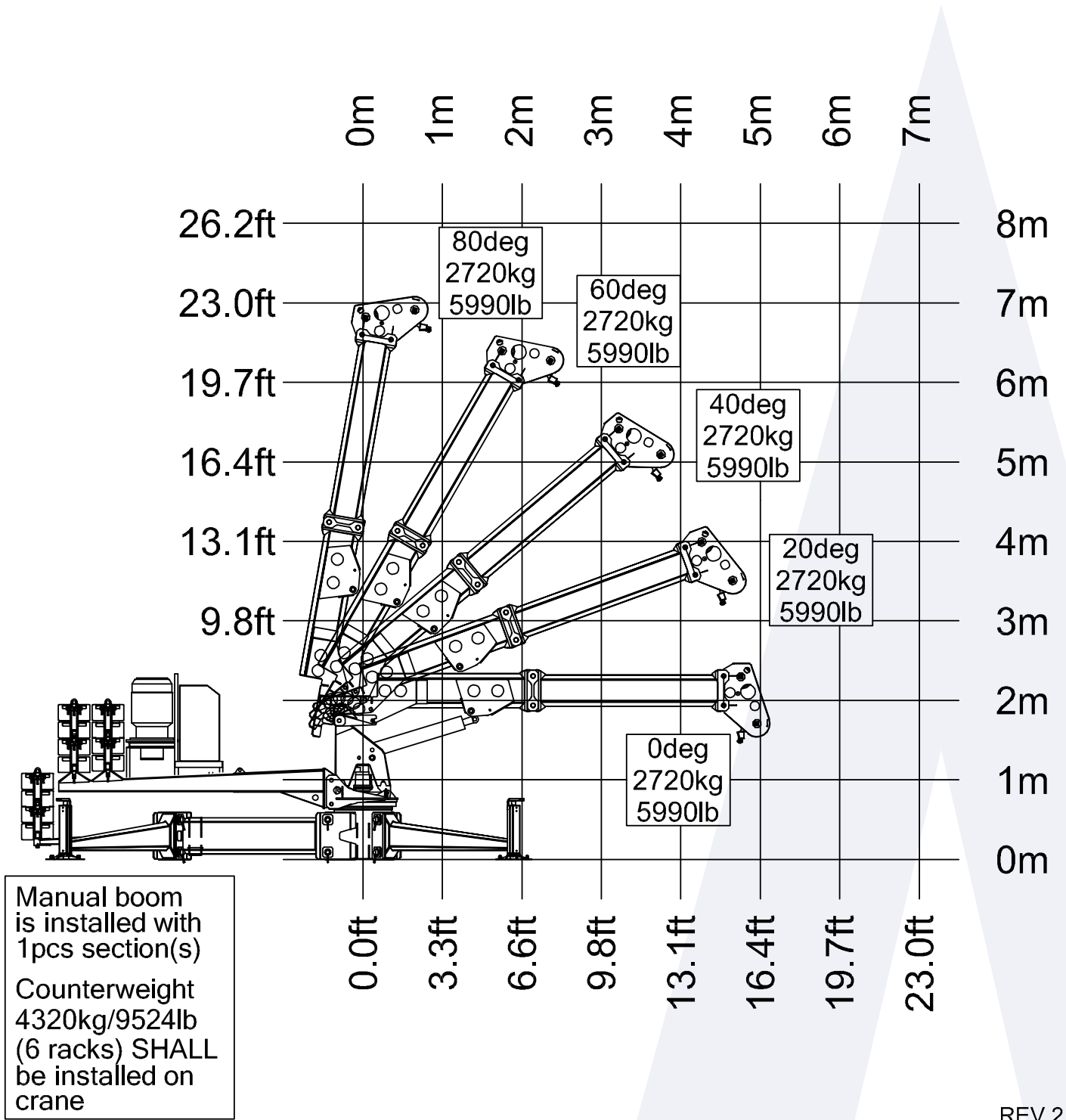
RK 22-215 OUTRIGGER REACTION FORCE



Load		2720kg			
Lifting Radius		5.43m			
Reaction Point Boom Position	A	B	C	D	
1		46.8kN	46.8kN		
2		45.9kN	55.1kN	49.3kN	
3			49.3kN	73.3kN	
4	40.6kN		37.7kN	72.1kN	
5	55.2kN			55.2kN	

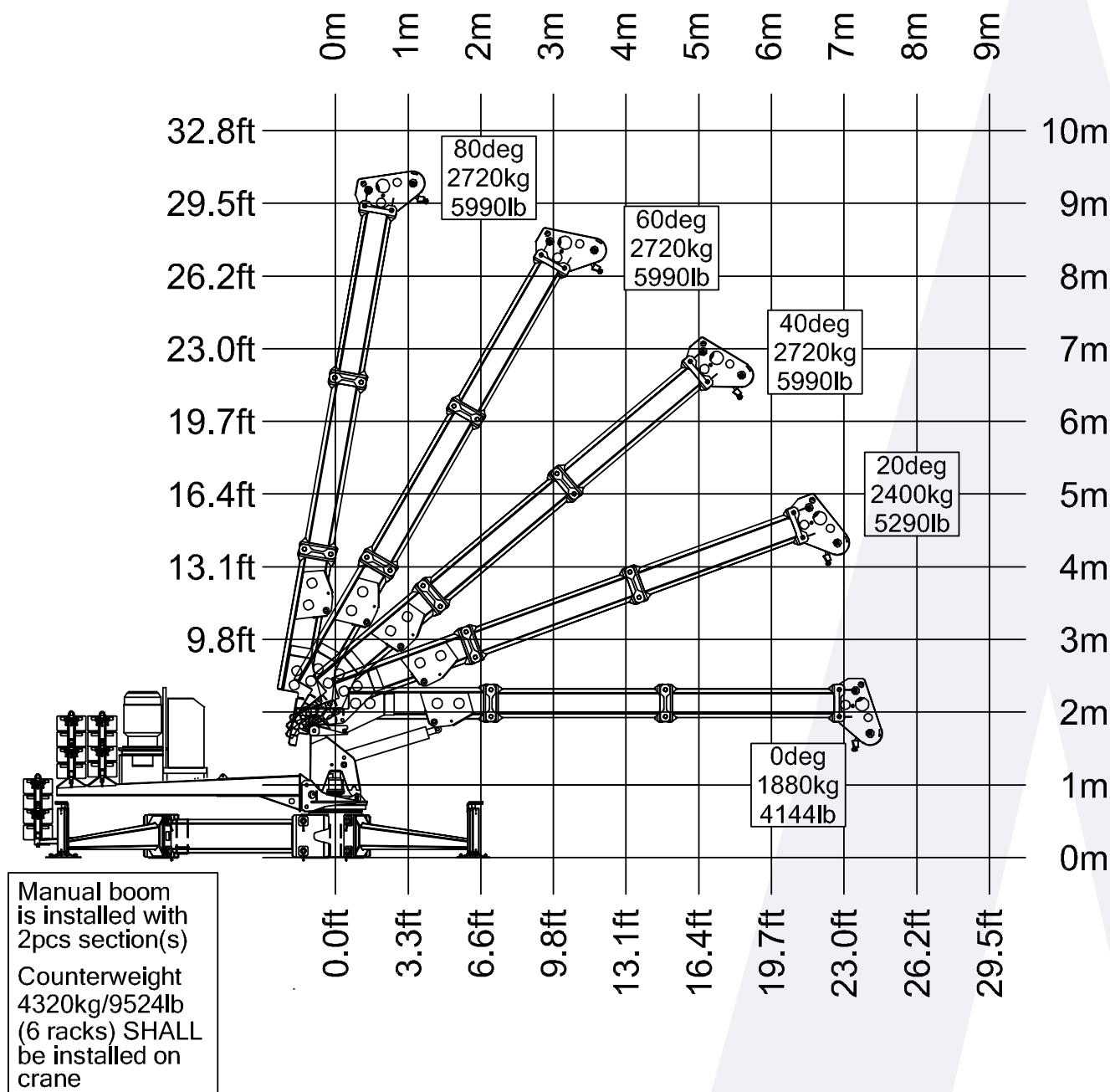
Note: Standard Foot Dimension is 0.4m x 0.4m
Standard Foot Area is 0.16m2

RK 22-215 LOAD CHART WITH 1 MANUAL BOOM



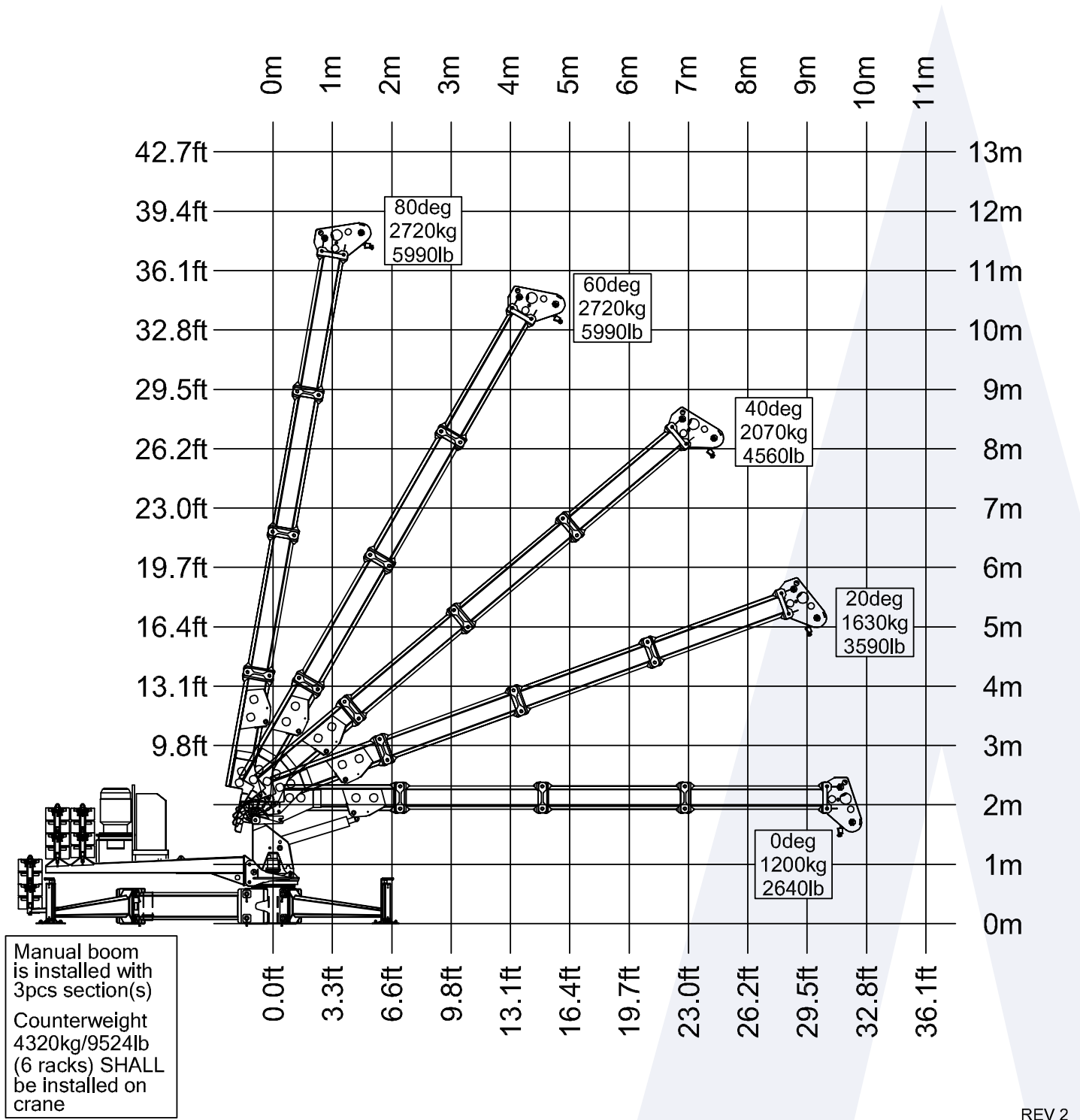
REV 2

RK 22-215 LOAD CHART WITH 2 MANUAL BOOMS

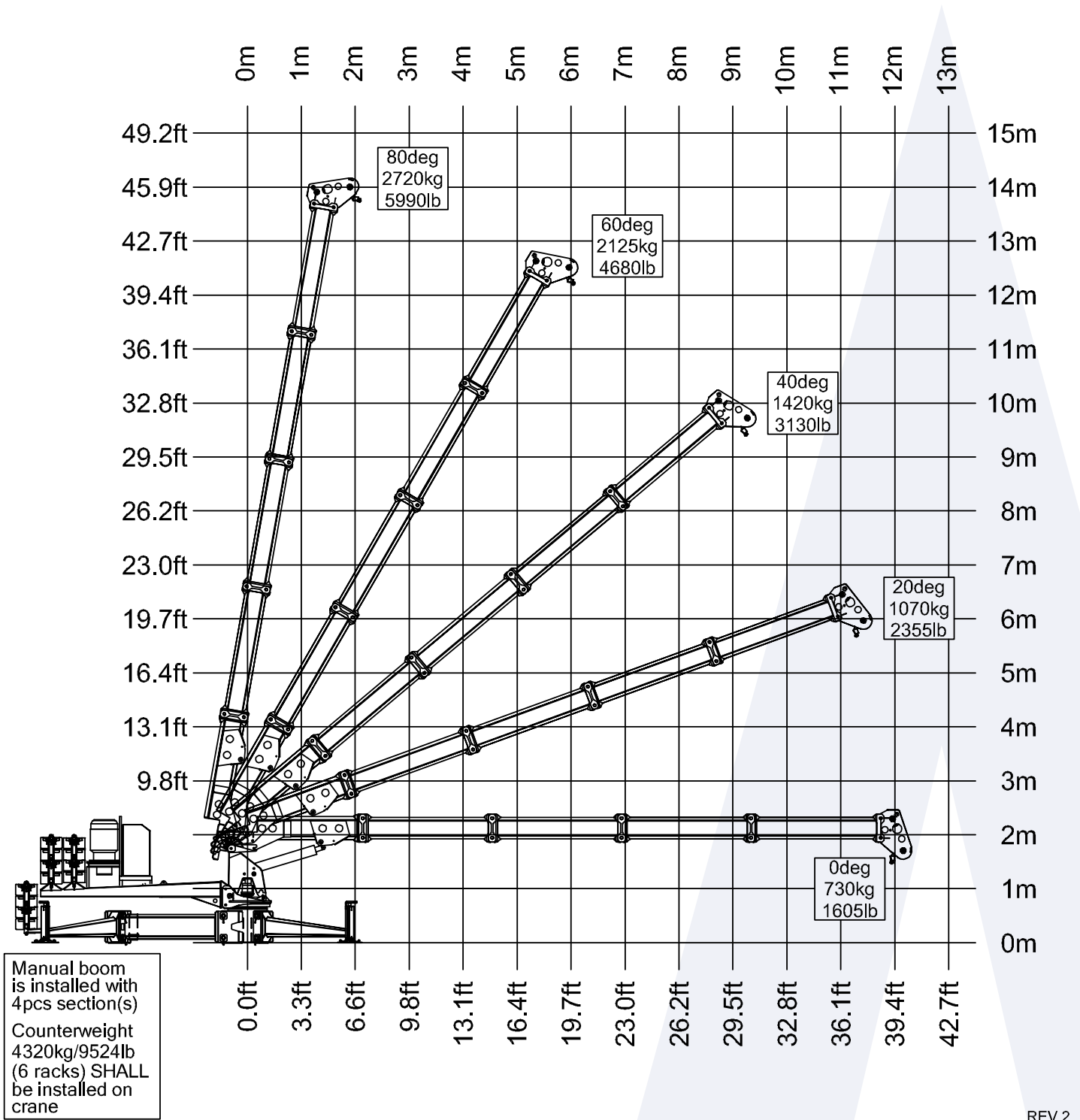


REV 2

RK 22-215 LOAD CHART WITH 3 MANUAL BOOMS

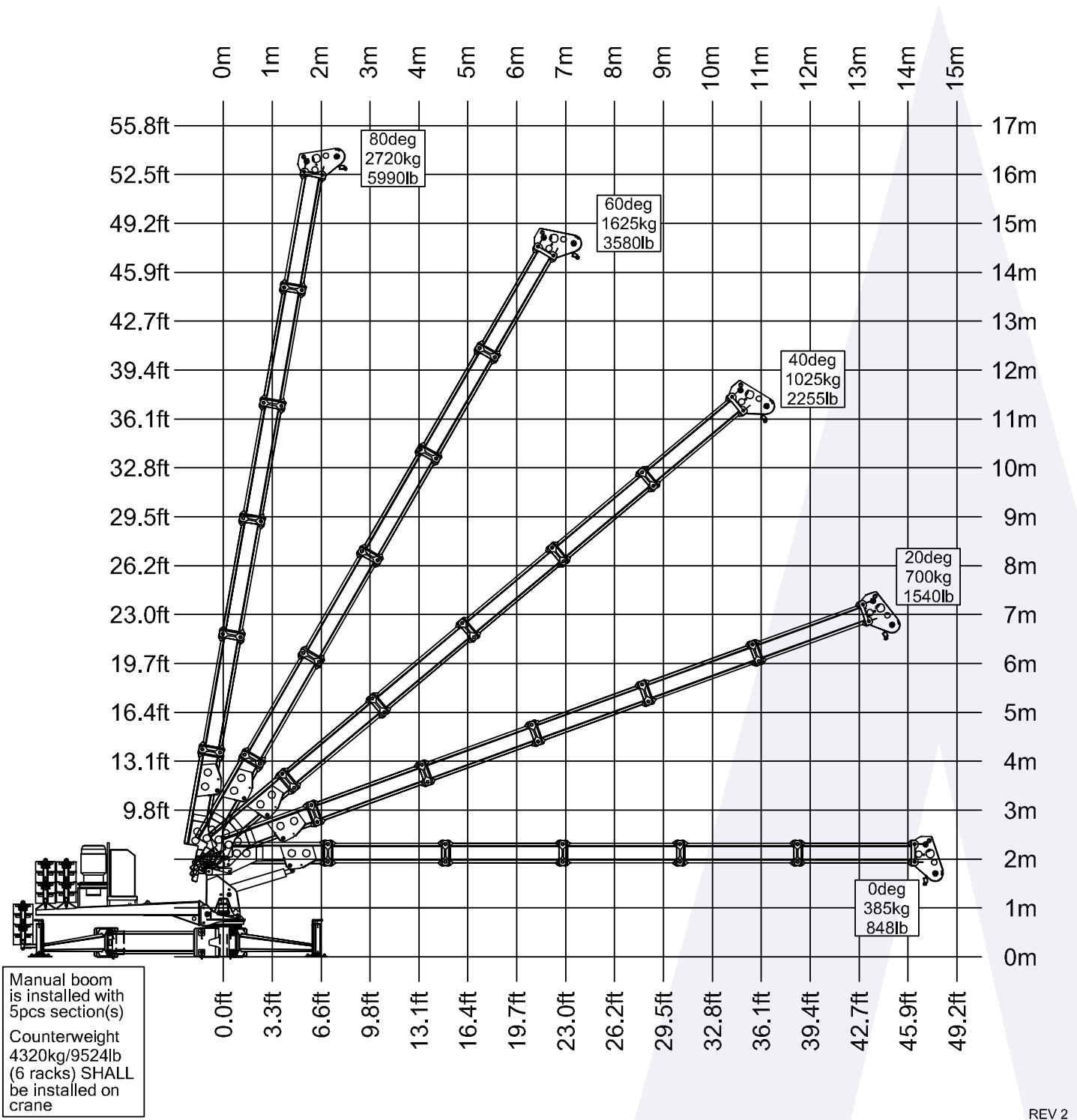


RK 22-215 LOAD CHART WITH 4 MANUAL BOOMS

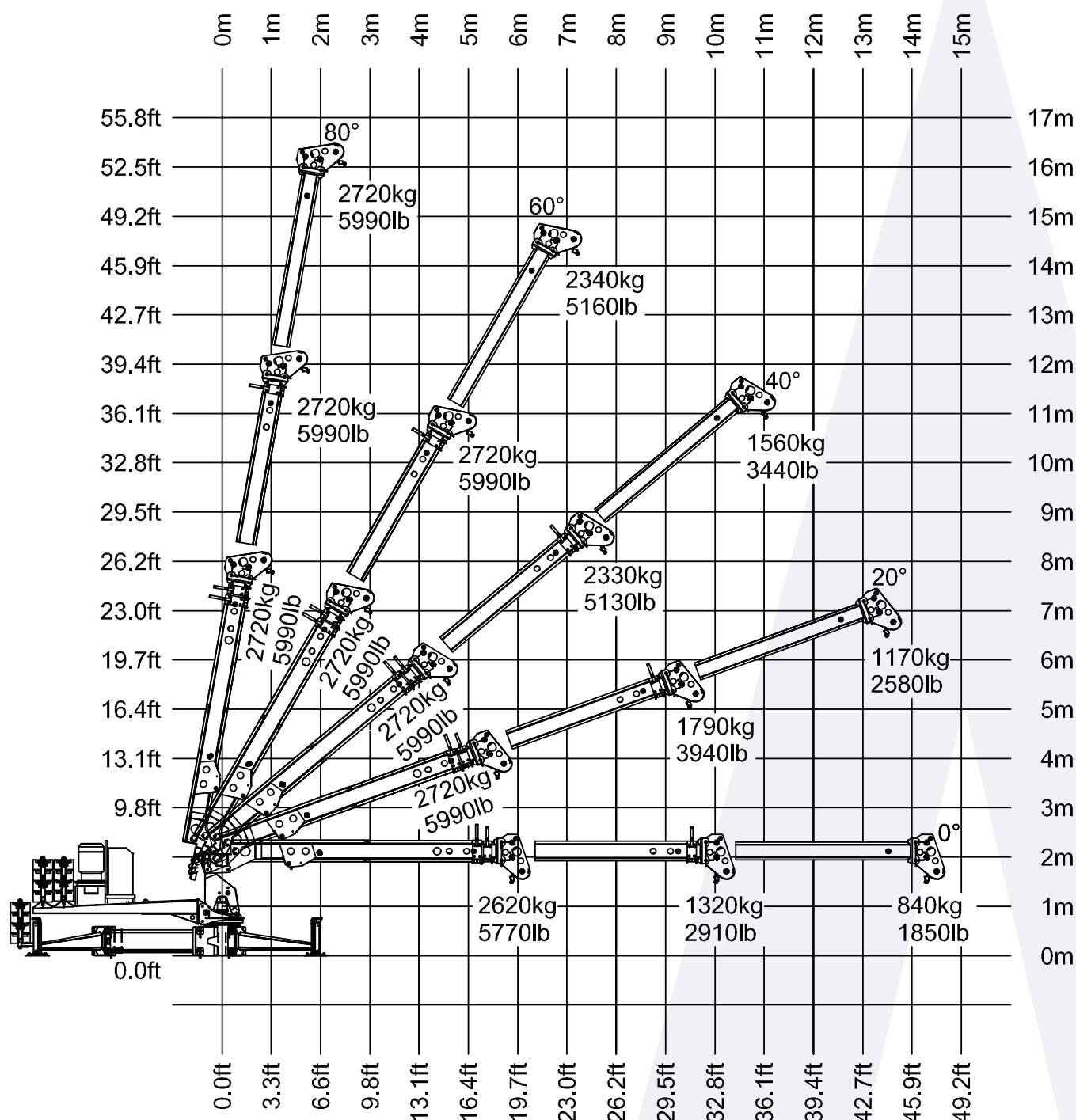


REV 2

RK 22-215 LOAD CHART WITH 5 MANUAL BOOMS



RK 22-215 LOAD CHART WITH TELESCOPIC BOOM





OPTIONS

- Rubber track crawler base. Easy to install. Can easily be shifted between cranes.
- Fixed fly jib. Will be developed if the market demands it.
- Radio or hardwire remote control.
- Various winch options. Max height under hook 600 m.
- Erection crane. Clips on to crane base.
- Short low weight erection boom. Replaces the main boom during installation.
- Operator cabin.

CONTACT

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