

MCM

MCM SC160

16 TON SPIDER CRANE

**COMPACT POWER.
MAXIMUM PERFORMANCE.**



16 TON
LIFT CAPACITY



23 m
OPERATING RADIUS



25 m
MAX GROUND LIFT



**PRECISE &
RELIABLE**



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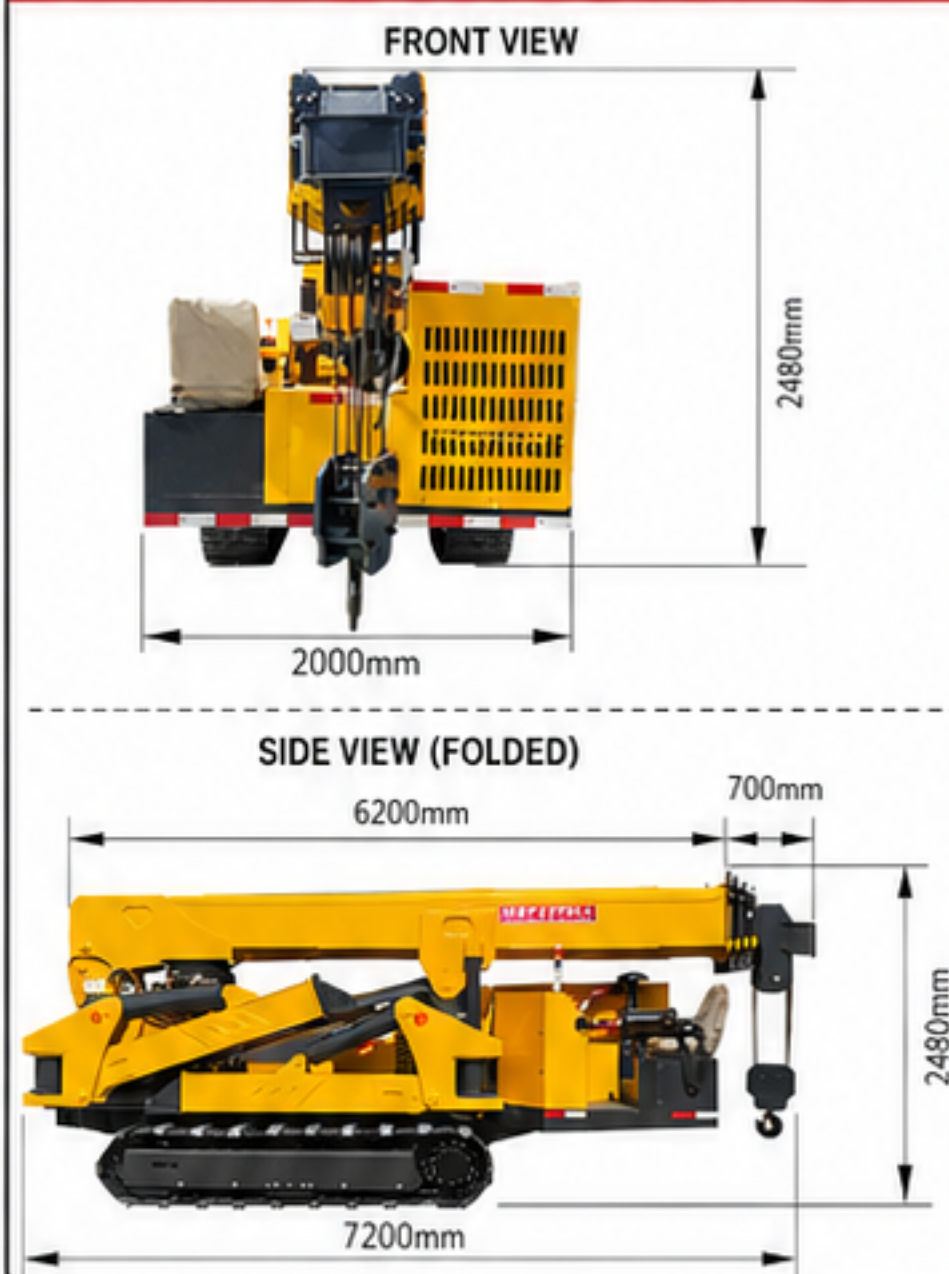


1. MAIN SPECIFICATIONS

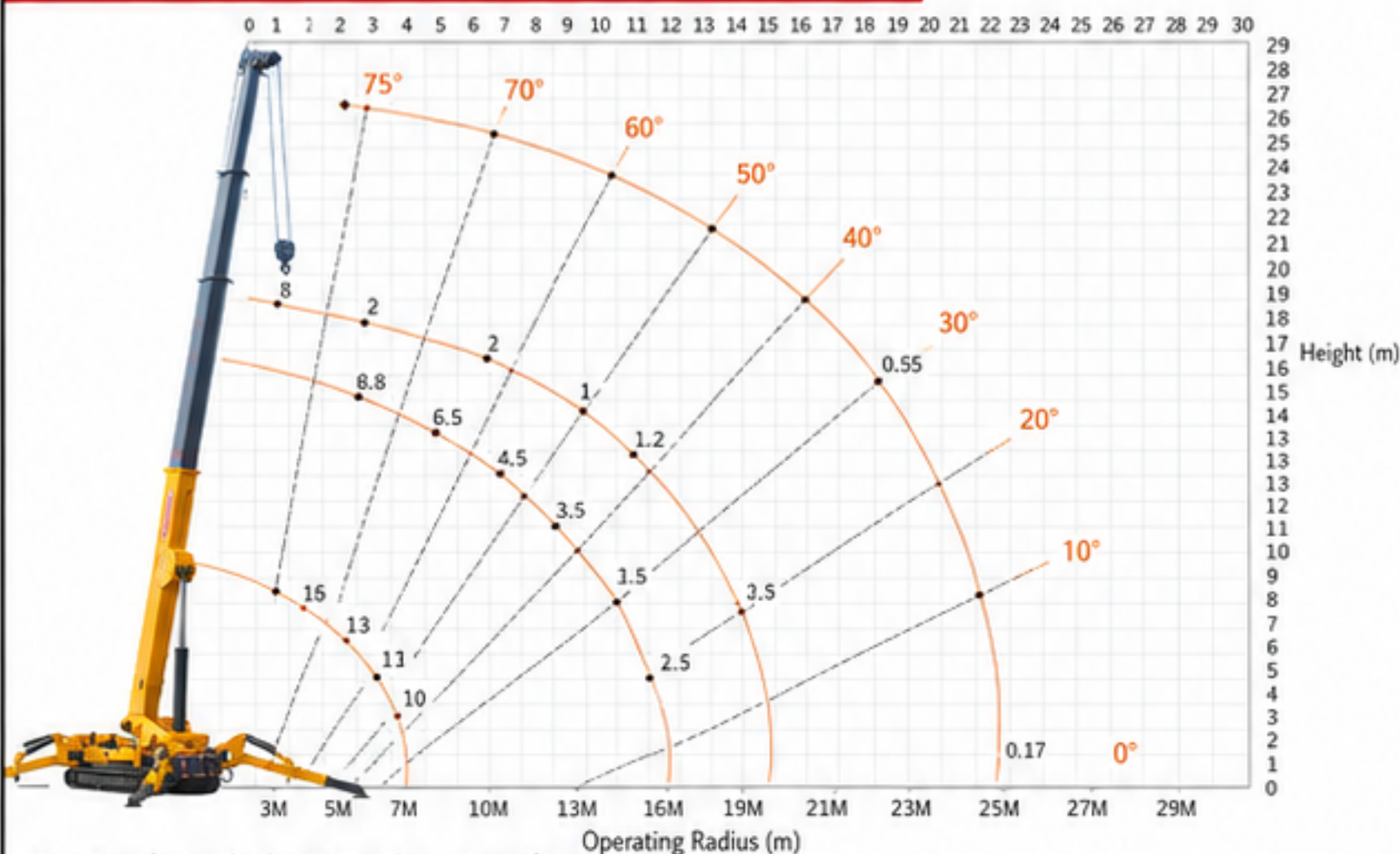
	Product	16T Spider Crane / MCM SC160
	Dead-weight (T)	16.5T
	Specifications	16T
	Maximum operating radius	23m
	Maximum ground lift	25m
	Hook lifting speed	10m/min (4 ropes) double speed
	Steel wire rope	Φ12mm × 160m
	Hoist specifications	16T
	Telescopic arm form	6m × 5-section lifting arm (support customization)
	Boom length / time	12.3m / 40sec (adjustable)
	Telescopic arm length	6.5m – 25m
	Outrigger movement form	Manual screw out + hydraulic telescopic + hydraulic support
	Maximum extension amplitude (mm)	8600 (length) × 6200 (rear) × 7300 (front)
	Walking mode	hydraulic drive
	Walking speed	0–2.5km/h
	Gradeability	25° (36%)
	Track structure	Steel track

	Manufacturer	Yuchai (support customization) 85kW
	Emission standard	National Phase II
	Start mode	Electric start
	Start performance	-50°C to 45°C
	Fuel / volume	Diesel oil / 45L
	Battery capacity	24v 45AH
	Operation type (boom/leg, manual walking)	Manual operation, manual travel (optional remote control operation)
	Operational characteristics	Manual operation (optional remote control)
	Boom angle / time	0–78° / 17sec
	Rotation angle / speed	0–360° (continuous) / 42sec
	Vehicle size	7.2 meters long, 2 meters wide, and 2.48 meters high
	Track (mm)	135 (pitch) / 48 (section) / 400 (width)
	Optional	Optional torque controller / remote control / cradle / hydraulic flying jib / colors: red, green, yellow, white, grey, black

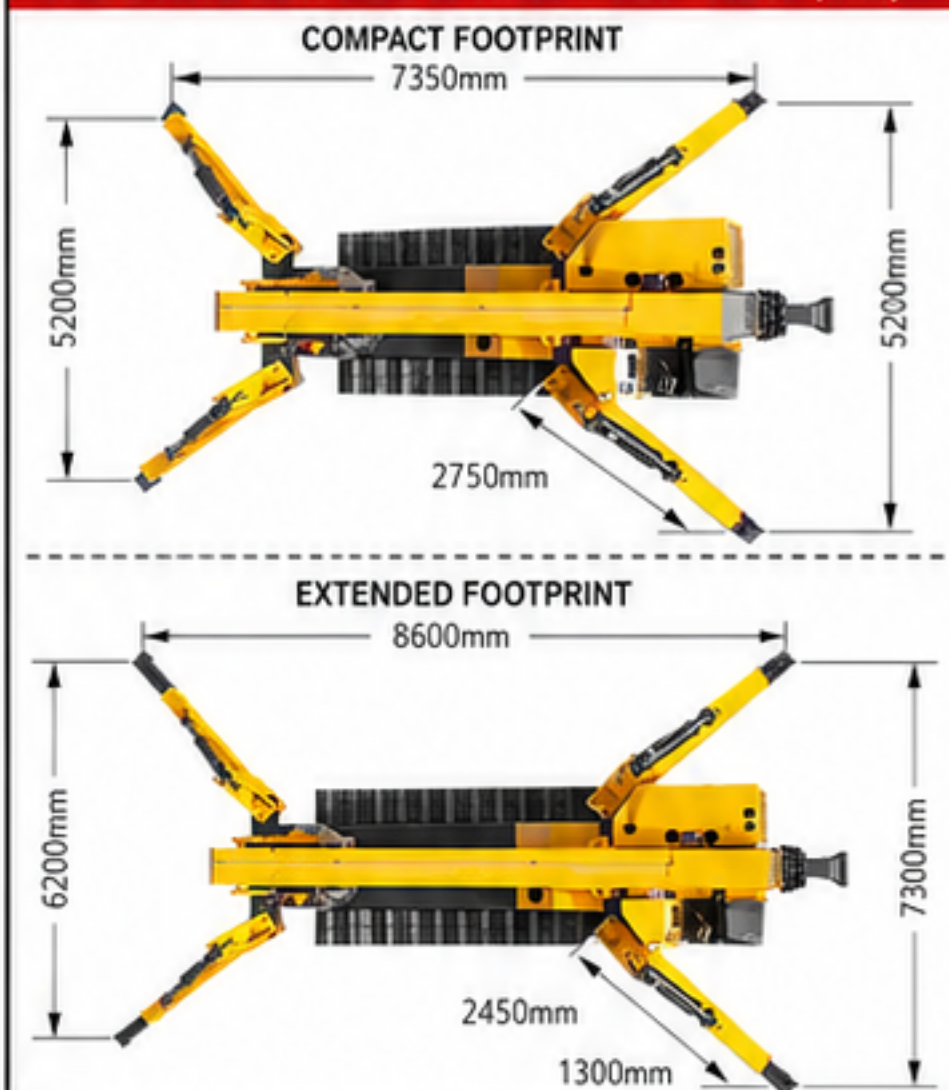
2. DIMENSIONS (TRANSPORT / FOLDED)



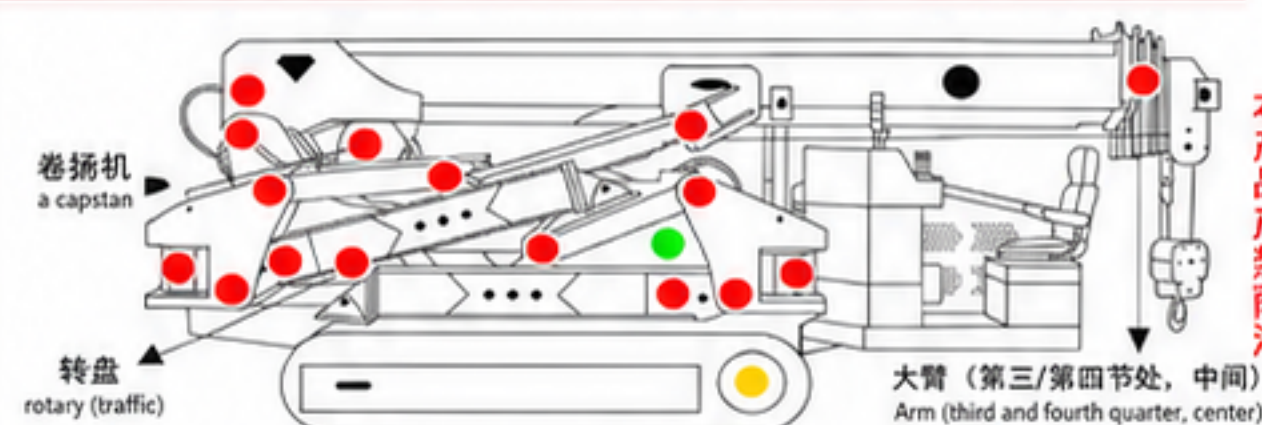
3. LIFTING WEIGHT CHART / WORKING RANGE



4. OUTRIGGER FOOTPRINT / TOP VIEW (mm)



5. LUBRICATION PARTS DIAGRAM & MAINTENANCE



Note: Turntables and jibs must be maintained regularly (20 days as a cycle). Whenever the jibs are out, grease the jibs.

This product is strictly prohibited from being exposed to rain.

Lubrication Point Marking Color	Lubrication Cycle	Lubrication Method	Lubricant Type
Red (color)	Daily	Grease gun injection/application	Molybdenum Sulfide Heavy Duty Grease
Green (engine oil)	100 h	Oil change	SI 10W-30 Motor Oil
Yellow (reducer)	100 h	Apply (makeup etc)	CKC220 Mineral Gear Oil

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