

MCM

MCM SC100

10 TON SPIDER CRANE

COMPACT POWER. MAXIMUM PERFORMANCE.



10 TON
LIFT CAPACITY



COMPACT.
VERSATILE.



PRECISE.
POWERFUL.



RELIABLE.
BUILT TO PERFORM.



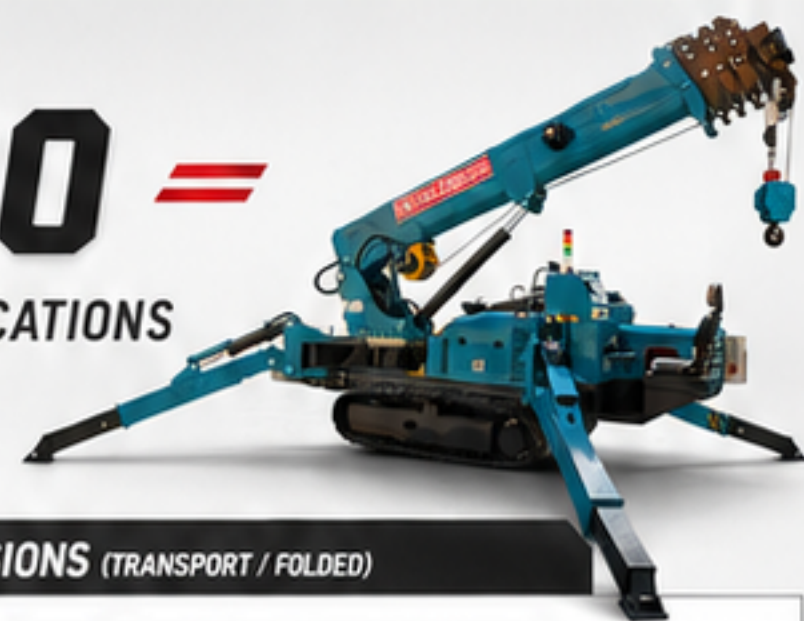
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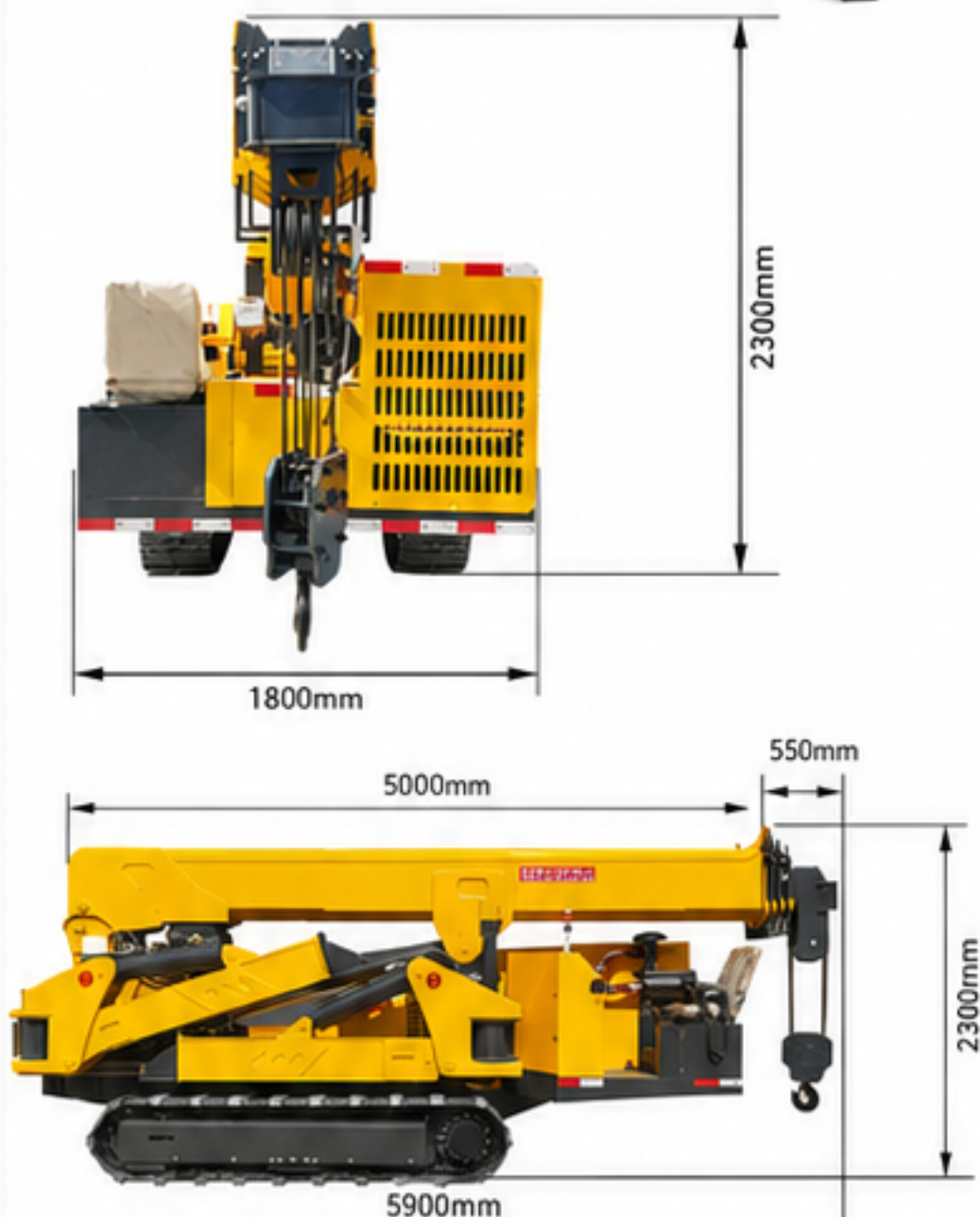
Instagram: @mcm.company



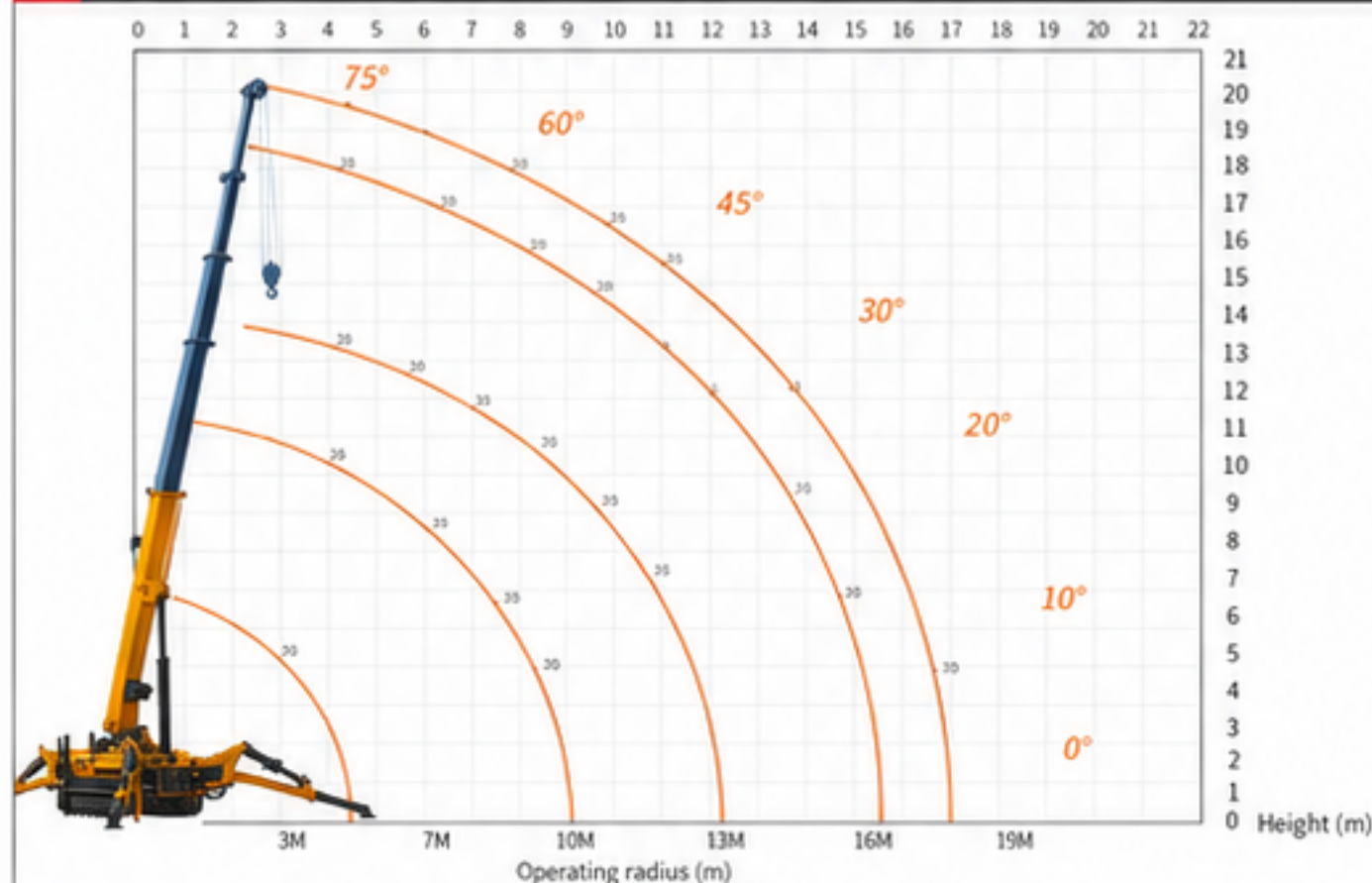
1 MAIN SPECIFICATIONS

	Product	10T Spider Crane / MCM SC100
	Dead-weight (T)	10.5T
	Maximum operating radius	18m
	Maximum ground lift	21m
	Hoist lifting speed	21m/min (4 rope), double speed
	Steel wire rope	Φ12mm × 100m
	Hoist specification	10T
	Boom lifting form	5m × 5-section lifting arm (support customization)
	Boom length / time	12.3m / 58sec (support customization)
	Telescopic arm length	5.5m – 21m
	Manufacturer / engine	Yunnei (support customization) 76kW
	Emission standard	National Phase III
	Start mode	Electric start
	Start performance	-50°C to 45°C
	Fuel / volume	Diesel / 40L
	Battery capacity	24V 45AH
	Outrigger movement form	Manual extension + hydraulic telescoping + hydraulic support
	Walking mode	Hydraulic drive
	Walking speed	0–2.5km/h
	Gradeability	25° (36%)
	Track structure	Steel track
	Operational characteristics	Manual operation (optional remote control)
	Boom angle / time	0–78° / 15sec
	Rotation angle / speed	0–360° (continuous) / 40sec
	Vehicle size (L × W × H)	5.9m × 1.8m × 2.3m
	Track (mm)	135 (pitch) / 41 (section) / 300 (width)
	Optional	Torque controller / remote control / cradle / hydraulic flying jib / colors: red, green, yellow, white, grey, black

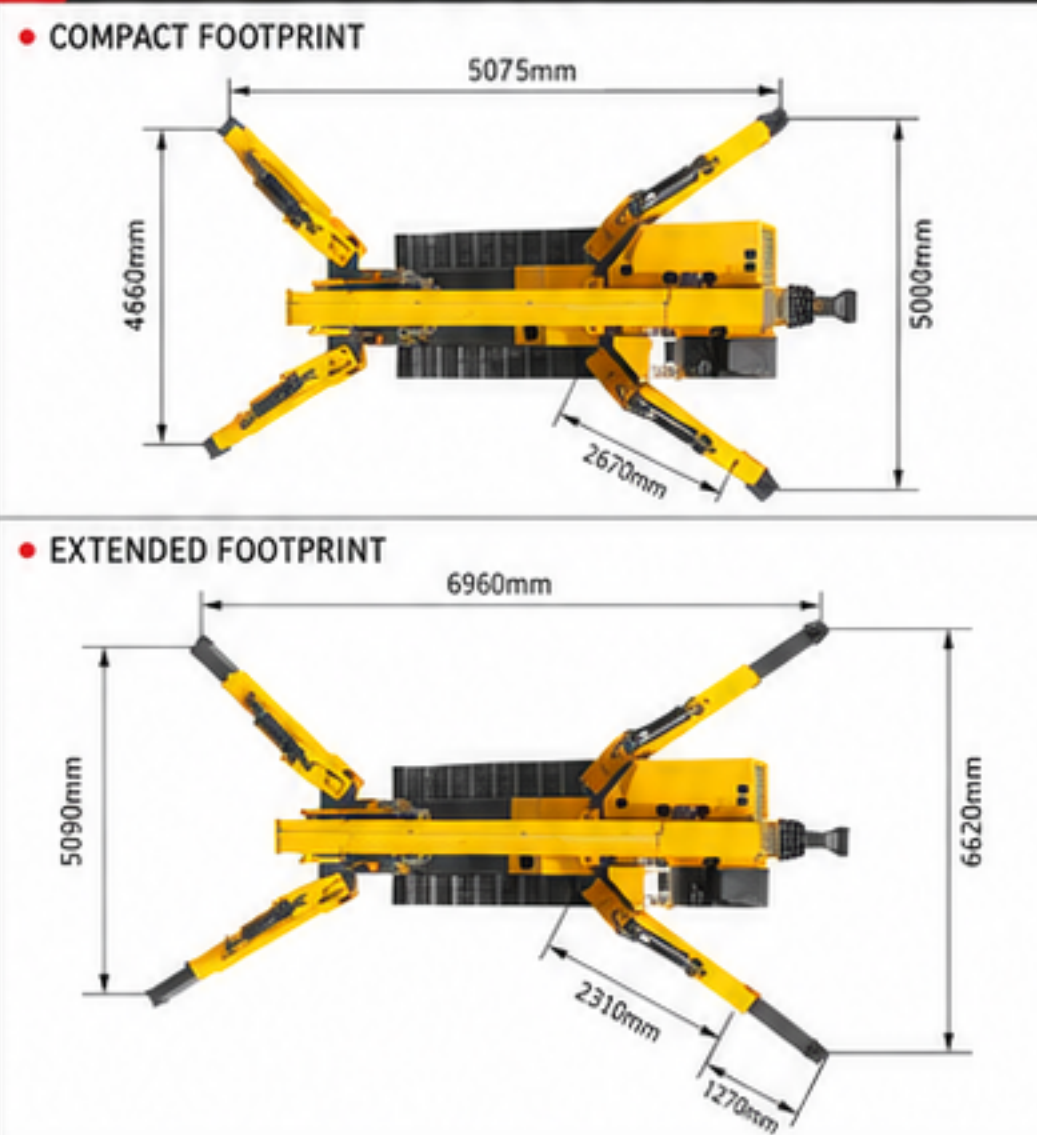
2 DIMENSIONS (TRANSPORT / FOLDED)



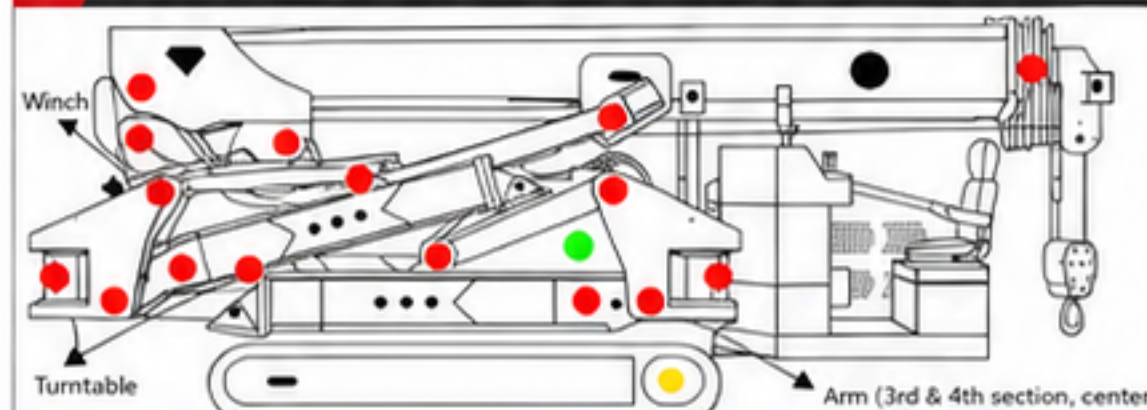
3 LIFTING WEIGHT CHART / WORKING RANGE



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.

Lubrication Point Marking Color	Lubrication Cycle	Lubrication Method	Lubricant Type
Red	Daily	Grease gun injection / application	Molybdenum Sulfide Heavy Duty Grease
Green (Engine oil)	100 h	Oil change	S110W-30 Motor Oil
Yellow (Reducer)	100 h	Apply	CKC220 Mineral Gear Oil

