

MCM

MCM SC120

— 12 TON SPIDER CRANE —

COMPACT POWER. **MAXIMUM PERFORMANCE.**



12 TON
LIFT CAPACITY



19 m
OPERATING RADIUS



21 m
MAX GROUND LIFT



**PRECISE &
RELIABLE**



Facebook: MCM GROUP



Instagram: @mcm.company



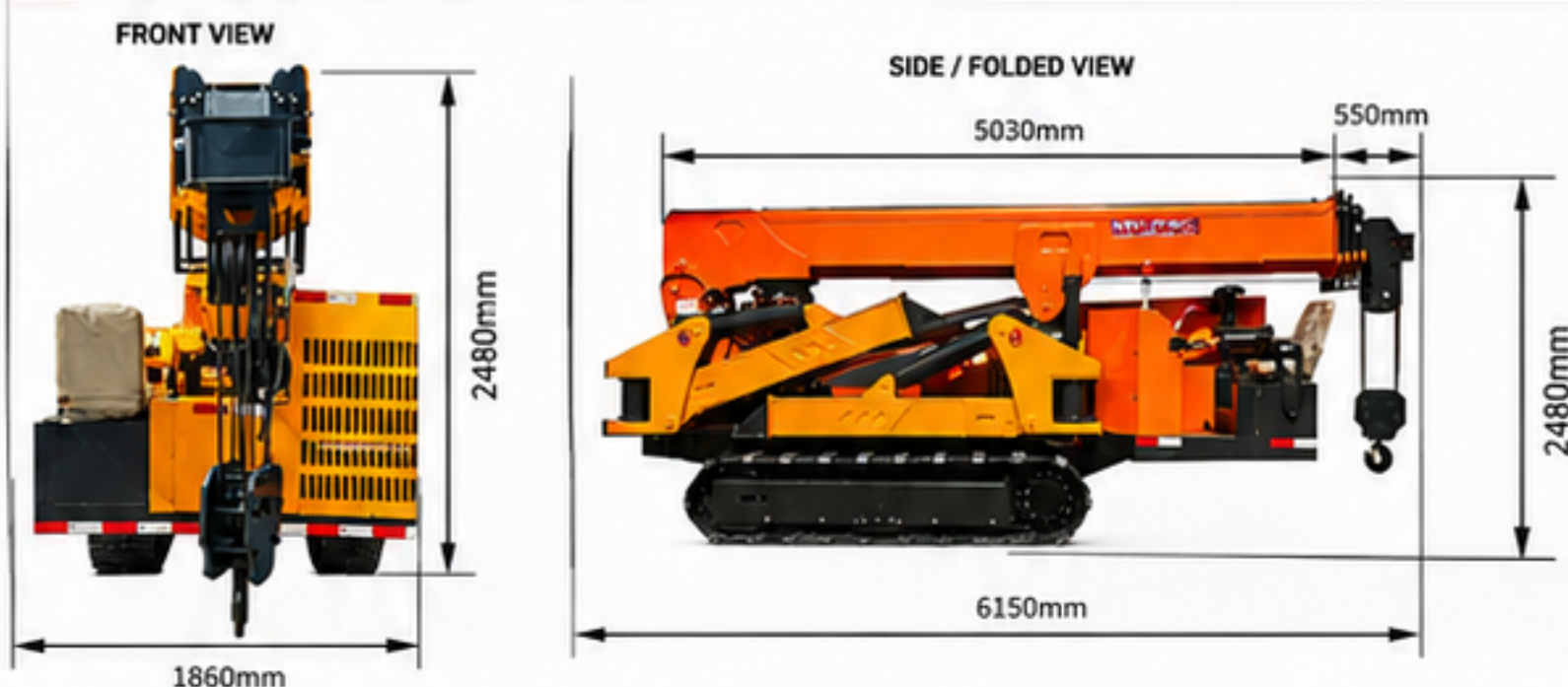
www.MCMGROUP.co.za



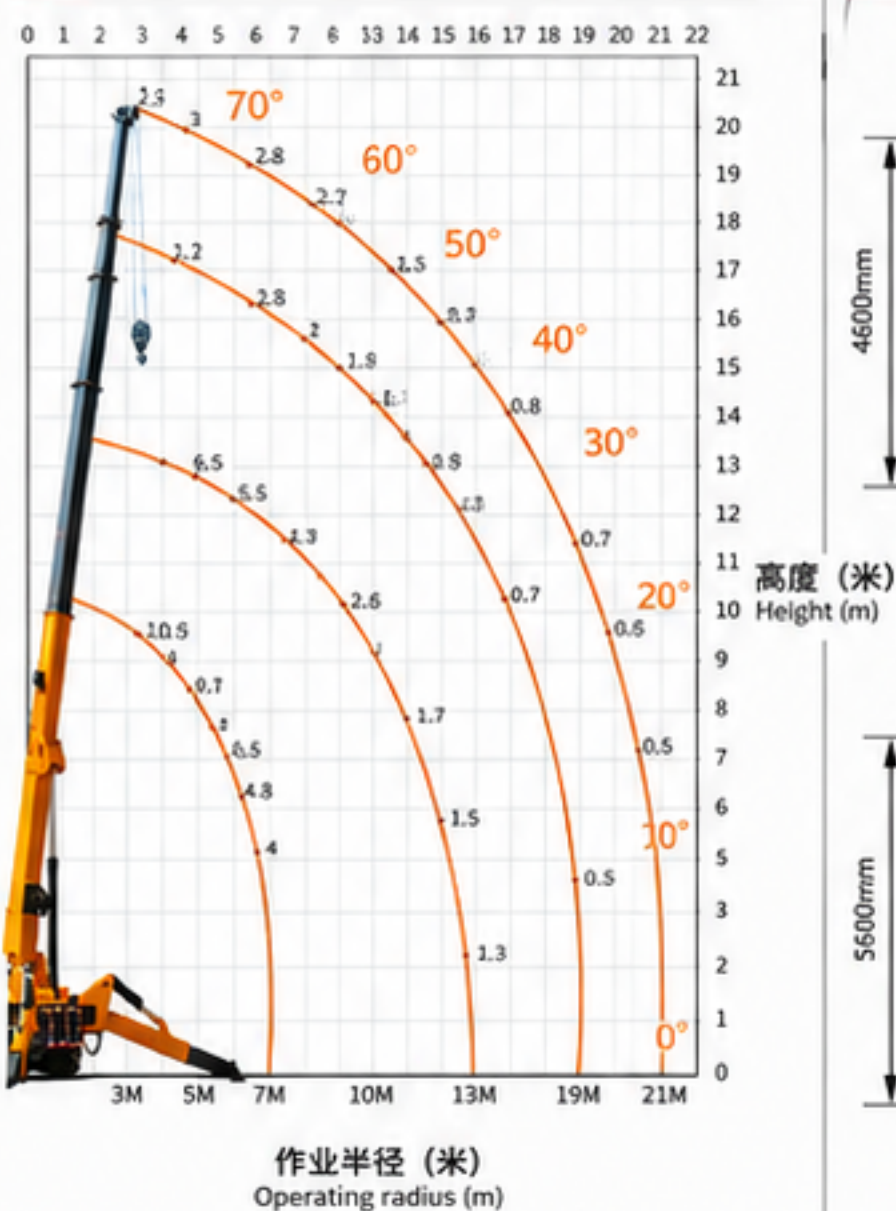
1 MAIN SPECIFICATIONS

	Product	12T Spider Crane / MCM SC120
	Dead-weight (T)	12.5T
	Specifications	12T
	Maximum operating radius	19m
	Maximum ground lift	21m
	HOIST SYSTEM	
	Hook lifting speed	10m/min (4 ropes) double speed
	Steel wire rope	Φ12mm x 120m
	Hoist specifications	12T
	TELESCOPIC DEVICE	
	Telescopic arm form	5m x 5-section lifting arm (support customization)
	Boom length / time	12.3m / 60sec (adjustable)
	Telescopic arm length	5.5m - 21m
	OUTRIGGER	
	Outrigger movement form	Manual screw out + hydraulic telescopic + hydraulic support
	Maximum extension amplitude (mm)	7600 (length) x 5600 (rear) x 6700 (front)
	RUNNING GEAR	
	Walking mode	hydraulic drive
	Walking speed	0-2.5km/h
	Gradeability	25° (36%)
	Track structure	Steel track
	ENGINE	
	Manufacturer	Yunnei (support customization) 76kW
	Emission standard	National Phase II
	Start mode	Electric start
	Start performance	-50°C to 45°C
	Fuel / volume	Diesel oil / 40L
	Battery capacity	24v 45AH
	OPERATING SYSTEM	
	Operation type (boom/leg, manual walking)	Manual operation, manual travel (optional remote control operation)
	Operational characteristics	Manual operation (optional remote control)
	LUFFING DEVICE	
	Boom angle / time	0-78° / 17sec
	GYROSCOPE	
	Rotation angle / speed	0-360° (continuous) / 42sec
	VEHICLE SIZE	
	Vehicle size	6.15 meters long, 1.86 meters wide, and 2.48 meters high
	TRACK	
	TRACK (MM)	135 (pitch) / 44 (section) / 400 (width)
	Optional	Optional torque controller / remote control / cradle / hydraulic flying jib / colors: red, green, yellow, white, grey, black

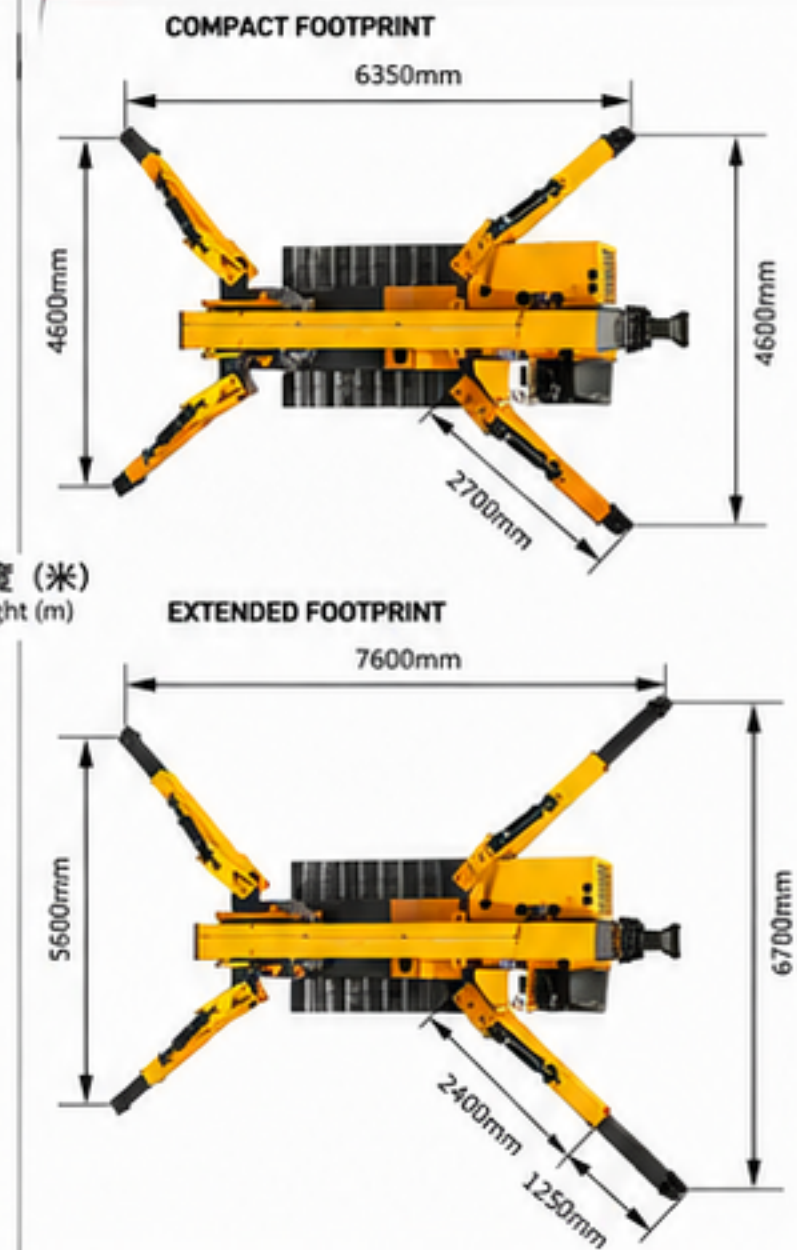
2 DIMENSIONS (TRANSPORT / FOLDED)



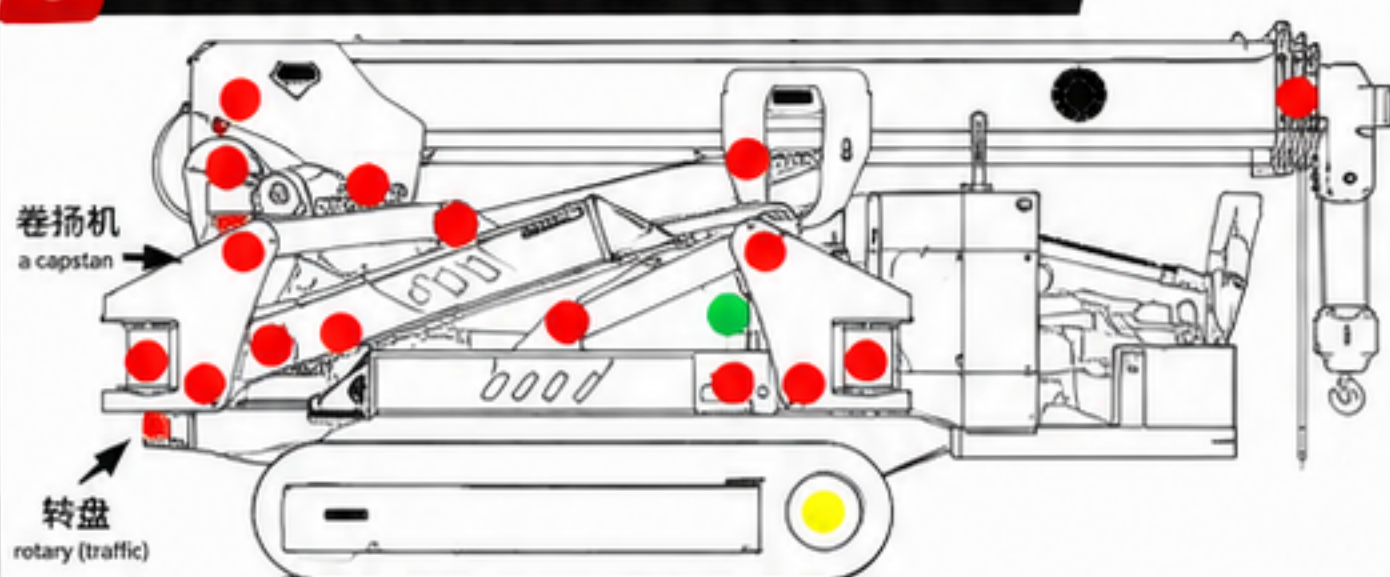
3 LIFTING WEIGHT CHART / WORKING RANGE



4 OUTRIGGER FOOTPRINT / TOP VIEW (mm)



5 LUBRICATION PARTS DIAGRAM & MAINTENANCE



本产品
严禁
雨淋

注:转盘、大臂须定时保养(20天为一周期) / “但凡出臂, 大臂处抹黄油”

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 (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	CKC220 Mineral Gear Oil

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

www.MCMGROUP.co.za

CAPE TOWN
9 Karee Rd,
Kraaifontein Industria,
Cape Town 7570
Sales +27 21 001 8686
ruan@mcmco.co.za

GEORGE
Jura Lands, Beach Road,
Hansmoeskraal,
George 6529
Sales +27 44 878 2917
chris@mcmco.co.za

BLOEMFONTEIN
Bloem Showgrounds,
Curie Avenue, Generaal De Wet,
Bloemfontein 9301
Sales +27 84 022 7300
clarence@mcmco.co.za

MIDRAND
108 Roan Crescent,
Randjespark,
Midrand 1685
Sales +27 12 030 3451
jacques@mcmco.co.za