MCM GROUP

SC80

8 TON SPIDER CRANE

BIG REACH. SERIOUS CONTROL.

- **8 T** Rated Lifting Capacity
- **21 m** Max Lift Height
- **18 m** Max Operating Radius
- Two-Speed Winch
- Hydraulic Drive

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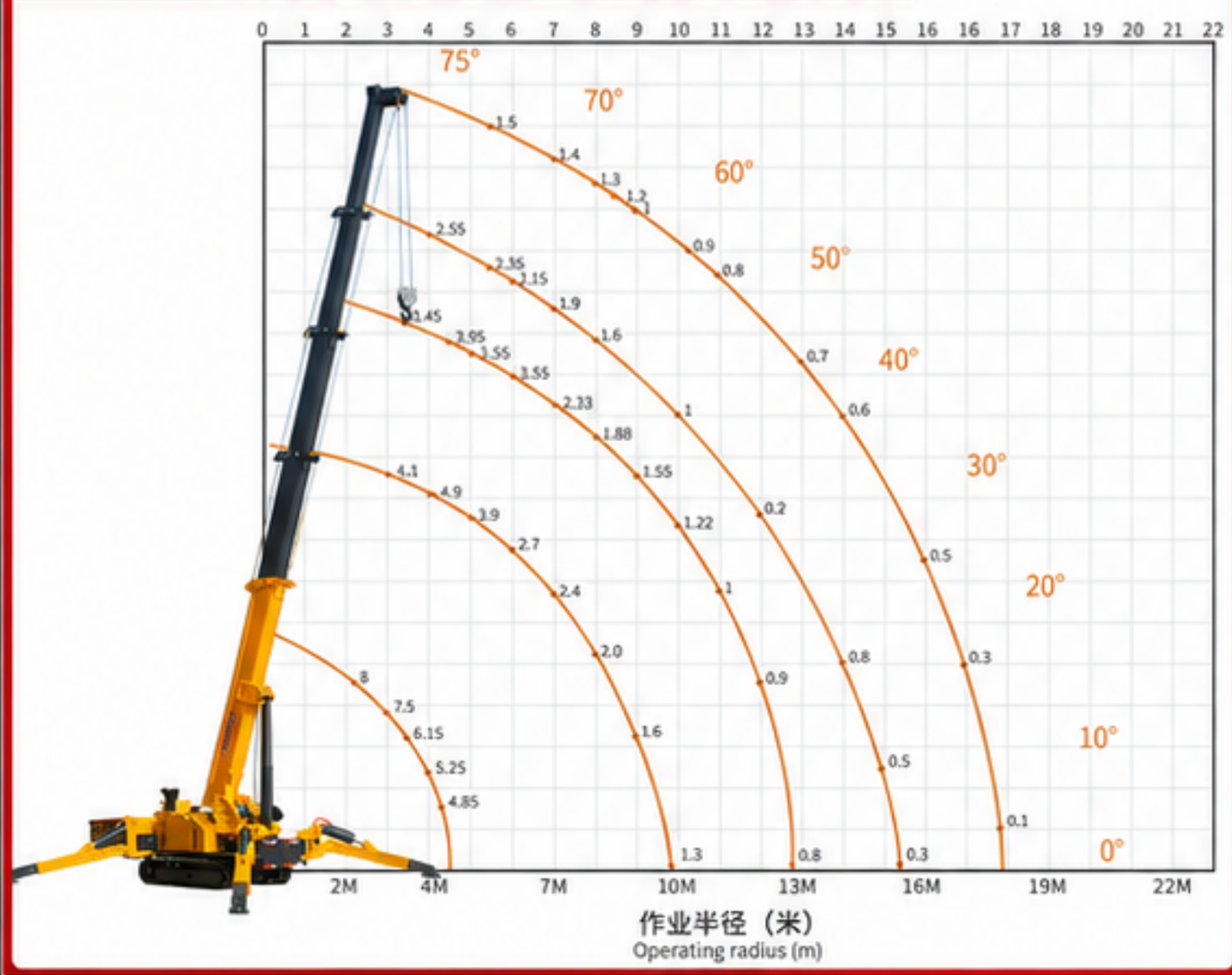
8 TON SPIDER CRANE

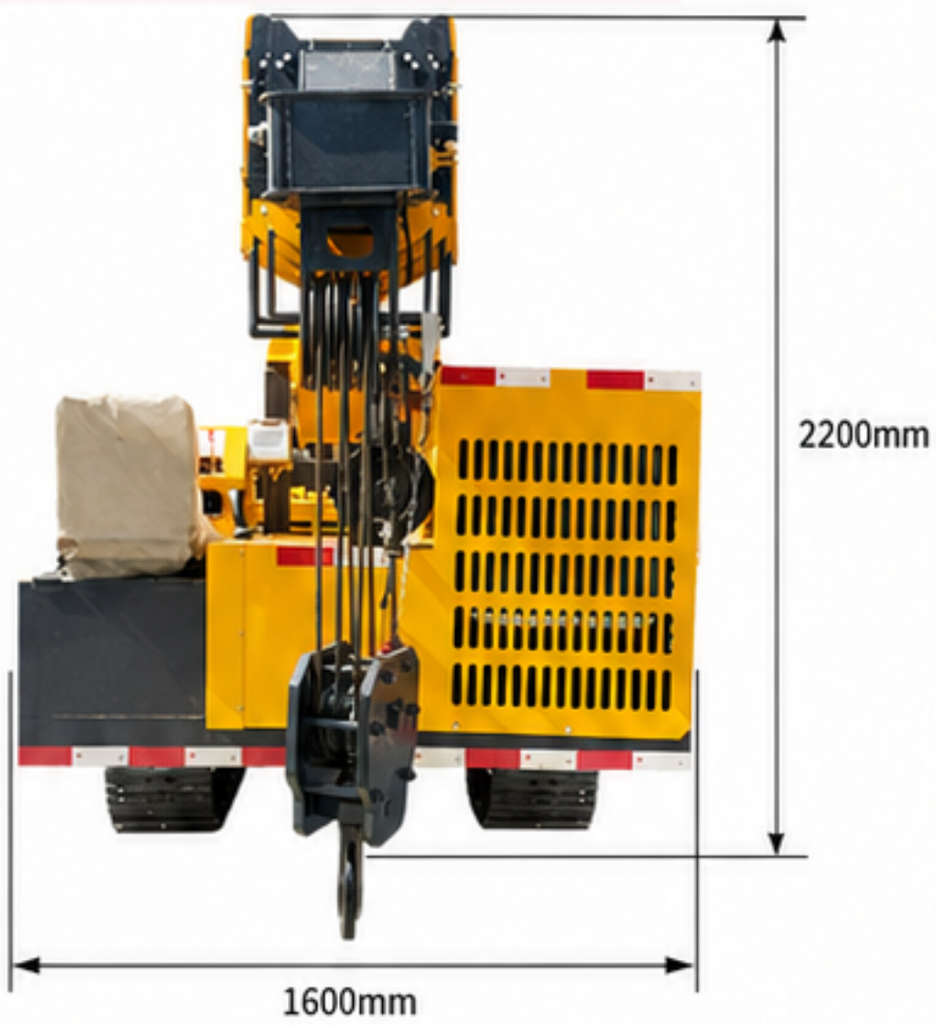
FEATURE HIGHLIGHTS

- Rubber-tracked chassis for superior traction and stability
- High-strength manganese steel boom for greater lifting capacity
- Compact body with a small footprint and wide application range
- Safety-oriented design helps prevent operating errors
- Remote control available as an option for convenient operation

WORKING RANGE / LIFTING CHART



OVERALL DIMENSIONS



TECHNICAL SPECIFICATIONS

LIFTING PERFORMANCE	
Rated lifting capacity	8 T
Dead weight	8.7 T
Max. operating radius	18 m
Max. ground lift height	21 m
BOOM / WINCH	
Winch - hook lifting speed	12 m/min (4 falls) two-speed
Winch - steel wire rope	Ø12 mm × 80 m
Telescopic - boom form	5 m × 5-section boom (customizable)
Telescopic - boom length / time	5.5 m - 21 m / 54 sec (adjustable)
Luffing - boom angle / time	0-78° / 13 sec
Slewing - angle / speed	0-360° (continuous) / 38 sec
OUTRIGGERS	
Outrigger - movement	Manual screw-out + hydraulic support (two-section legs)
Outrigger - max. extension	7000 (length) × 5070 (rear) × 6700 (front) mm

TRAVEL	
Travel - drive	Hydraulic drive
Travel - speed	0-2.5 km/h
Travel - gradeability	25° (36%)
ENGINE	
Engine - manufacturer	Yuchai (customizable), 58 kW
Engine - model	490 CC
Engine - start mode	Electric start
Engine - start performance	-50 °C to 45 °C
Engine - fuel / volume	Diesel / 35 L
ELECTRICAL	
Battery capacity	24 V 45 AH
Emission standard	China National Phase II

OPERATION	
Operation type (boom/leg)	Manual operation, manual walking (remote optional)
Operational characteristics	Manual operation (remote control optional)
DIMENSIONS	
Vehicle size	L 6.15 m × W 1.6 m × H 2.2 m
TRACK	
Track	350 mm (width) / 52.5 (pitch) / 104 (sections)

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