

# MCM

LIFT | MOVE | ACHIEVE

REACH FURTHER  
WORK ANYWHERE

# MCM SC30

## SPIDER CRANE

### BUILT TO **PERFORM.**



Operating  
Weight:  
**2.7 T**



Max Operating  
Radius:  
**10 m**



Max Ground  
Lift:  
**10.8 m**



Dual Power:  
**Diesel +  
Electric**



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TOGETHER, THE FUTURE IS BUILT

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# MCM SC30

SPIDER CRANE

COMPACT POWER.  
MAXIMUM POSSIBILITIES.

## KEY FEATURES



Compact, lightweight design ideal for confined spaces and roof lifting



Rubber tracked chassis minimizes ground damage and adapts to various surfaces



High-strength boom construction for reliable lifting performance



Optional remote control for easy operation

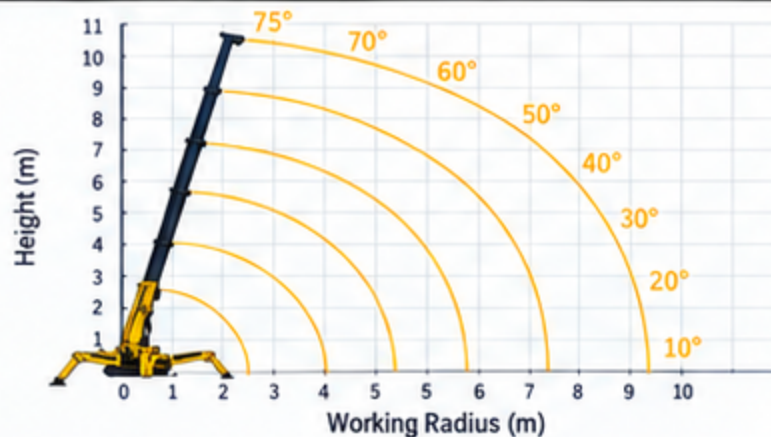
## TECHNICAL SPECIFICATIONS

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Operating Weight         | 2.7 T                                                            |
| Maximum Operating Radius | 10 m                                                             |
| Maximum Ground Lift      | 10.8 m                                                           |
| Hook Lifting Speed       | 0–8 m/min (4 ropes)                                              |
| Steel Wire Rope          | Ø8 mm × 45 m                                                     |
| Telescopic Boom          | 2.4 m × 6-section lifting arm (customizable)                     |
| Boom Length / Time       | 3.1–10.8 m / 20 sec (adjustable)                                 |
| Boom Angle / Time        | 0–78° / 13 sec                                                   |
| Slewing Angle / Speed    | 0–360° continuous / 60 sec                                       |
| Outrigger Movement       | Manual screw-out + hydraulic support (three-section retractable) |
| Travel Mode              | Hydraulic drive                                                  |
| Walking Speed            | 0–2.5 km/h                                                       |
| Gradeability             | 25° (36%)                                                        |

## POWERTRAIN / ENGINE

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| Power Supply           | AC380V                                                    |
| Engine                 | Changchai 380G, three-cylinder, 14.7 kW                   |
| Start Method           | Electric start                                            |
| Fuel / Tank Capacity   | Diesel / 12 L                                             |
| Battery                | 12V 45Ah                                                  |
| Fuel Consumption       | 274 g/kW·h                                                |
| Noise Level            | ≤81.5 dBA (1 m)                                           |
| Operating Mode         | Manual operation, manual travel (optional remote control) |
| Standard Configuration | Diesel engine and electric motor (dual power)             |

## LIFTING RANGE



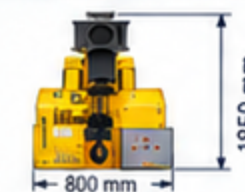
Lifting capacities are indicative. Please refer to the operator's manual for full rated load charts and configuration details.

## DIMENSIONS

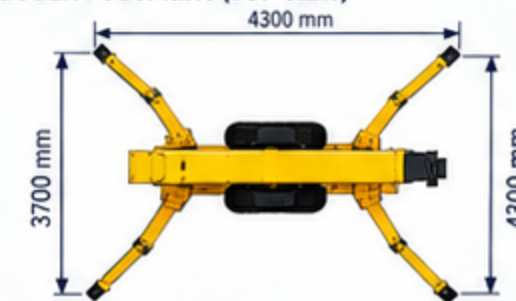
### SIDE VIEW



### FRONT VIEW



### OUTRIGGER FOOTPRINT (TOP VIEW)



|                             |                                              |
|-----------------------------|----------------------------------------------|
| Machine Size                | 3500 × 800 × 1850 mm                         |
| Track Size                  | 220 mm width / 72 pitch / 50 section         |
| Maximum Outrigger Footprint | 4300 mm front / 3700 mm rear / 4300 mm width |

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