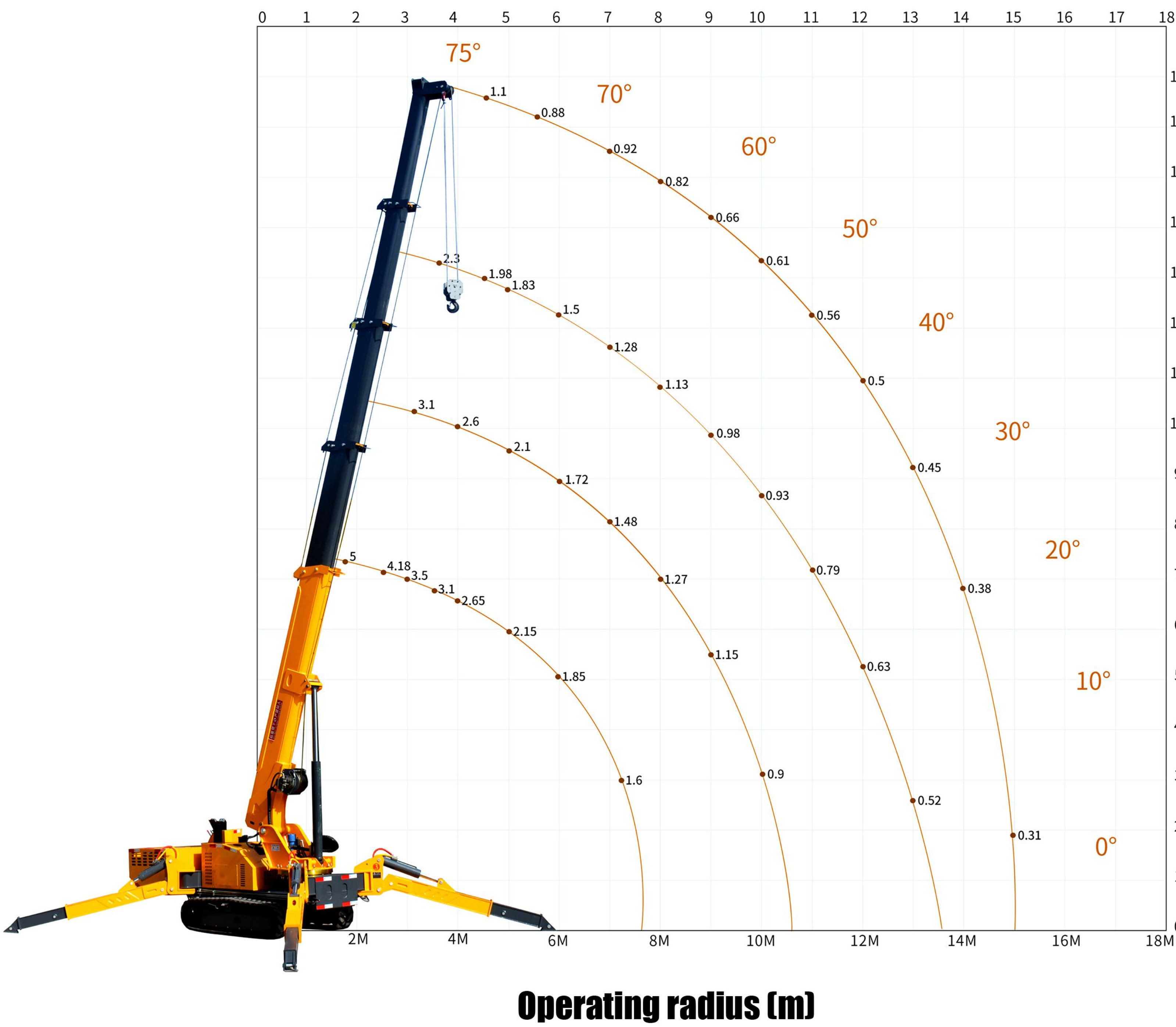


# 5-ton Crawler Spider Crane

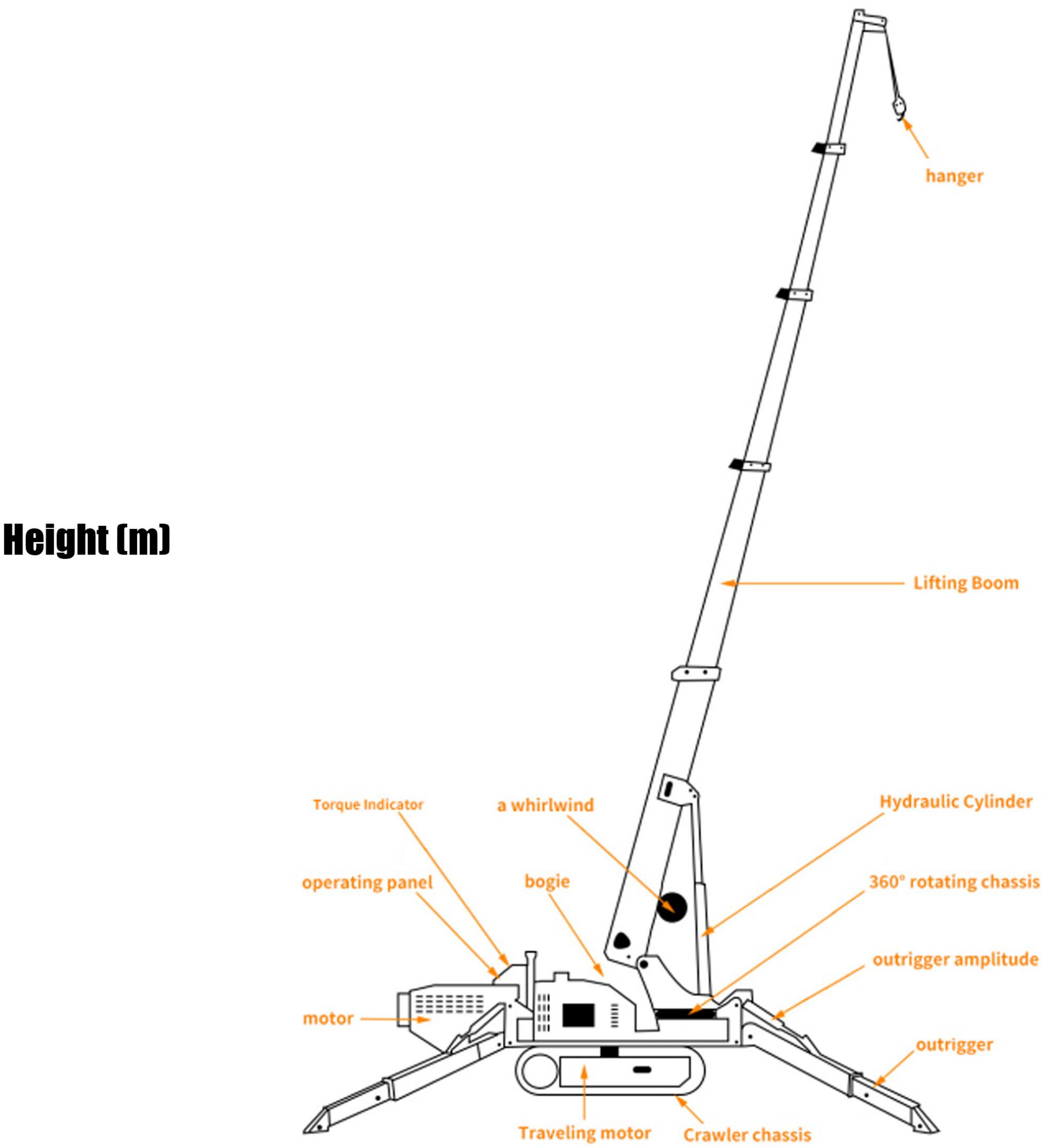
## ● Performance Characteristics

- ✓ Small in size, light in weight and compact in structure, it is widely used for hoisting on building floors and rooftops, substation maintenance and other small-space scenarios.
- ✓ The boom is made of high-strength manganese steel, enabling stronger lifting capacity.
- ✓ Equipped with a rubber crawler chassis, it causes no damage to the ground and is adaptable to various ground conditions.
- ✓ Remote control device can be added for convenient operation.

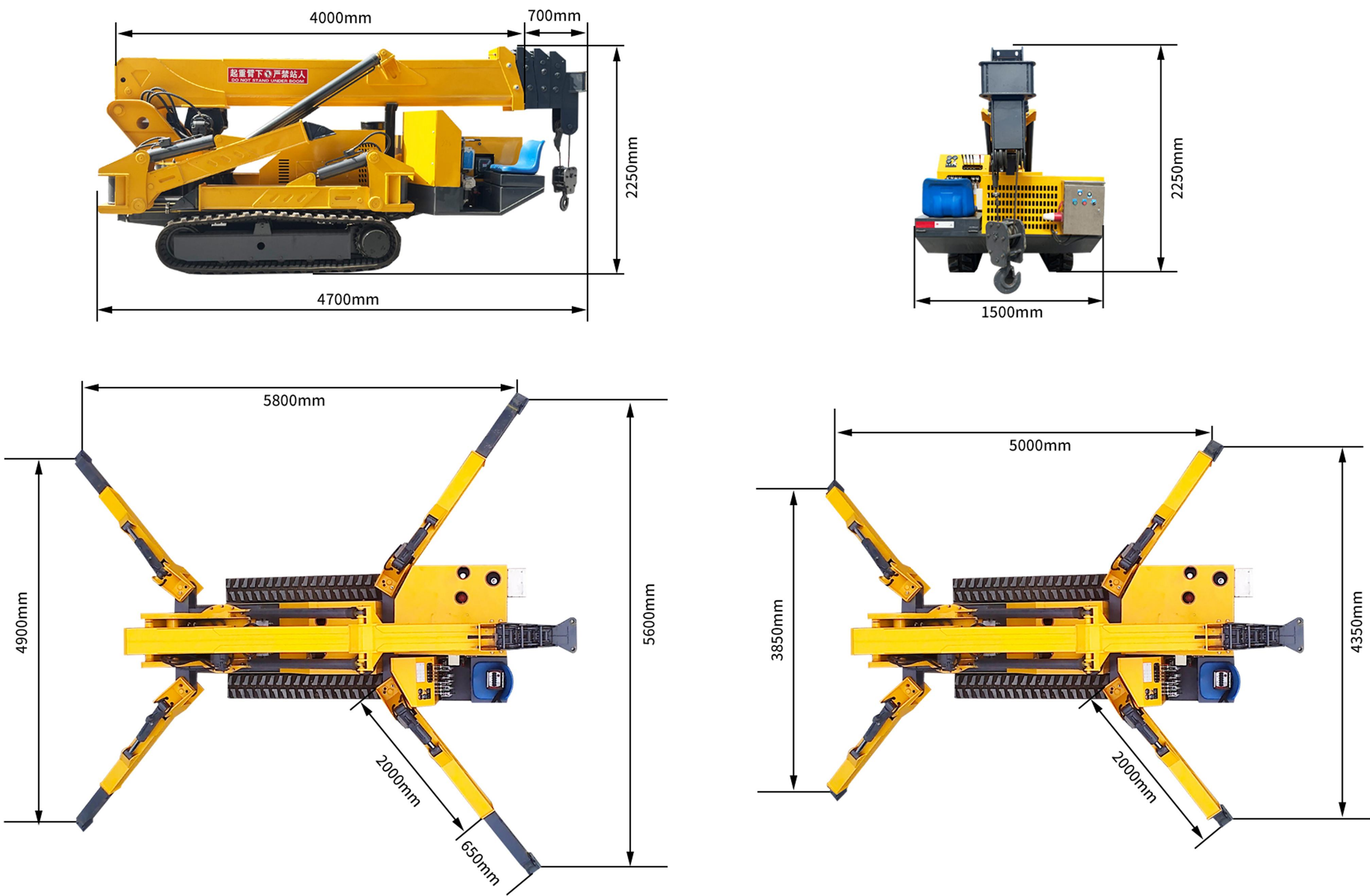
5TON SPIDER CRANE LIFTING WEIGHT CHART



PRODUCT STRUCTURE DIAGRAM



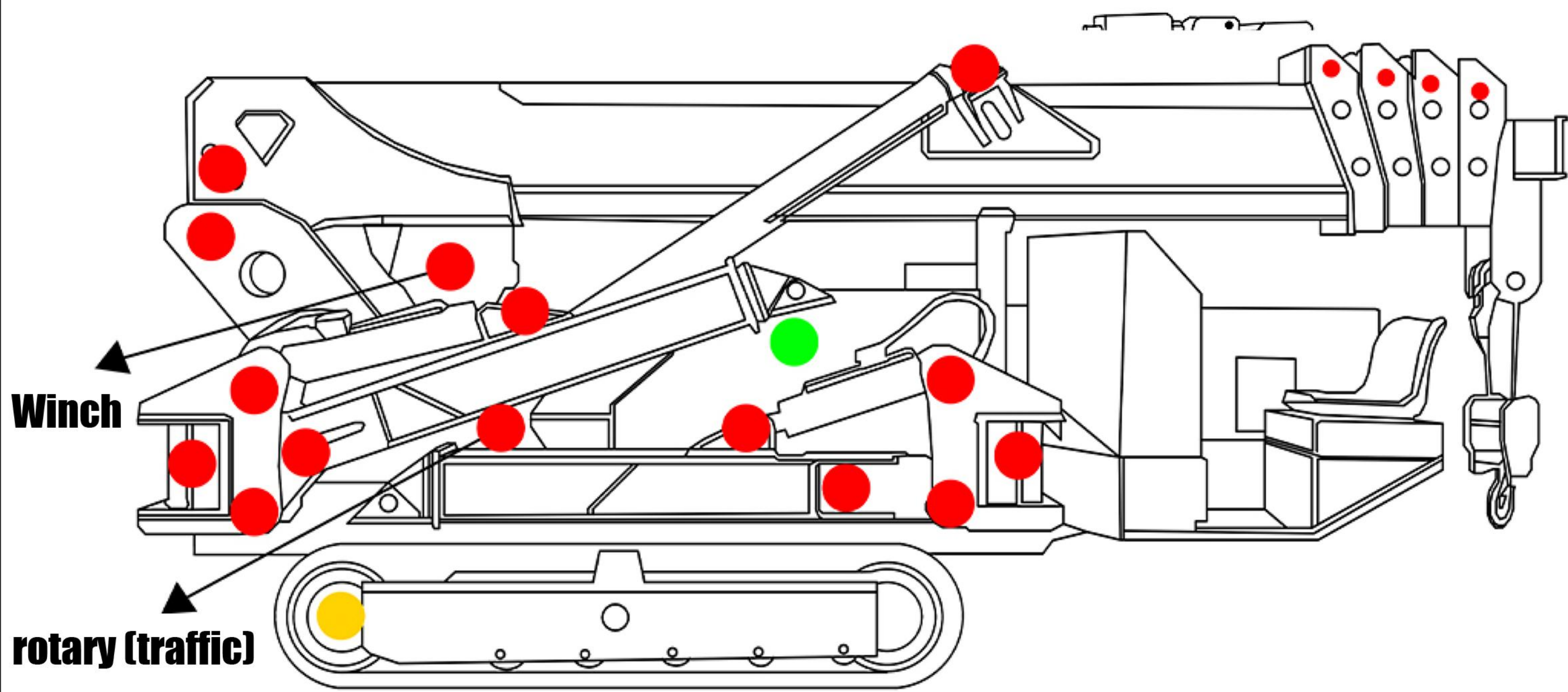
DIMENSIONAL ANNOTATION DIAGRAM OF 5T SPIDER CRANE



# 5-ton Crawler Spider Crane

| 5 tons crawler spider crane basic parameters |                                                                                                                      |                                                       |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| norm                                         |                                                                                                                      | 5T                                                    |
| Maximum operating radius                     |                                                                                                                      | 15m                                                   |
| Maximum above ground lift                    |                                                                                                                      | 17m                                                   |
| winches                                      | Hook Rising Speed                                                                                                    | 12m/min (4 ropes) Two-speed                           |
|                                              | Wire Rope Specifications                                                                                             | Φ11mm×60m                                             |
| Telescopic                                   | Boom form                                                                                                            | 4m x 5-section boom (customizable)                    |
|                                              | Boom length/time                                                                                                     | 4.5m-17m/54sec （adjustable）                           |
| luffing device                               | Boom angle/time                                                                                                      | 0-78°/13sec                                           |
| cyclotron                                    | Rotation angle/speed                                                                                                 | 0-360° (continuous)/38sec                             |
| Outrigger                                    | Forms of outrigger movement                                                                                          | Manual screw-out + cylinder support (two-section leg) |
|                                              | Maximum extension amplitude (mm)                                                                                     | 5800 (length) X4900 (rear) X5600 (front)              |
| Running Gear                                 | Walking mode                                                                                                         | Hydraulic drive High and low speed                    |
|                                              | Walking speed                                                                                                        | 0-2.5km/h                                             |
|                                              | Gradeability                                                                                                         | 25°(36%)                                              |
|                                              | Track                                                                                                                | 300 (width)52.5 (pitch)90(section)                    |
| Engine                                       | Manufacturer                                                                                                         | Yuchai (customizable) 58kw                            |
|                                              | model number                                                                                                         | 490CC                                                 |
|                                              | Start mode                                                                                                           | electric start                                        |
|                                              | Start performance                                                                                                    | -50°C-45°C                                            |
|                                              | Fuel/Volume                                                                                                          | Diesel/35L                                            |
|                                              | Battery capacity                                                                                                     | 24v 45AH                                              |
|                                              | emission standard                                                                                                    | National Phase II                                     |
| Operating                                    | Type of operation (boom/outrigger),                                                                                  | Manual operation, manual travel                       |
|                                              | manual traveling                                                                                                     | (optional remote control operation)                   |
|                                              | Operational                                                                                                          | Manual operation (remote operation optional)          |
| Vehicle size                                 | Length 4.7m Width 1.5m Height 2.25m                                                                                  |                                                       |
| Self-weight (T)                              | 6.7T                                                                                                                 |                                                       |
| Optional                                     | Optional torque controller/remote control/cradle/hydraulic flying jib/colors: red, green, yellow, white, grey, black |                                                       |
| standard configuration                       | Diesel engine and electric motor (dual power )                                                                       |                                                       |

5T SPIDER CRANE LUBRICATION PARTS DIAGRAM



**Note:** The rotary platform and main boom must be maintained regularly (with a 20-day cycle). Grease the key parts of the boom thoroughly whenever it is extended.

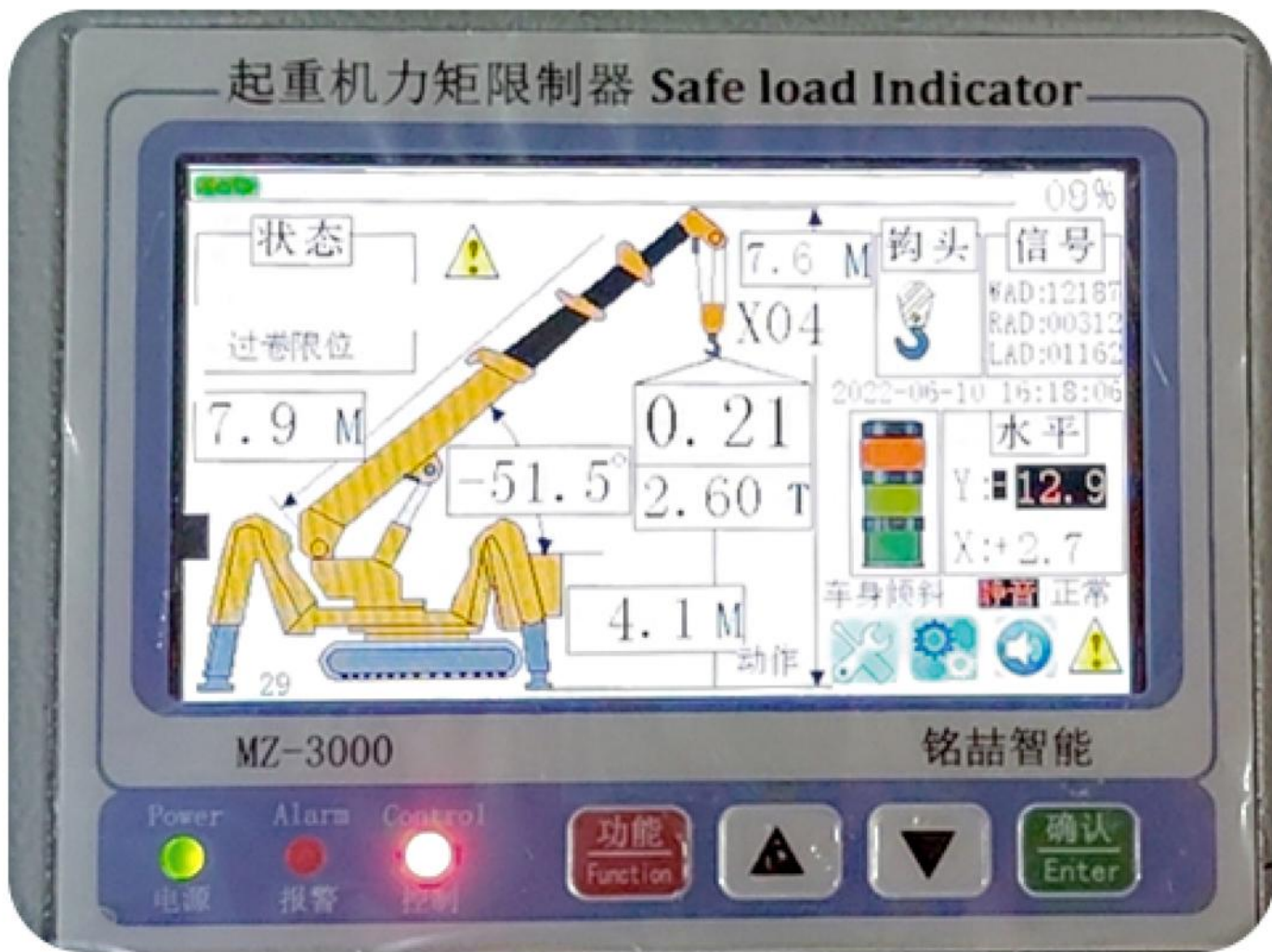
| Lubrication Point Marking Colors | Lubrication Cycles | Lubrication Methods               | Lubricant Types                        |
|----------------------------------|--------------------|-----------------------------------|----------------------------------------|
| Red                              | Weekly             | Grease Gun Injection /Application | Molybdenum Disulfide Heavy-Duty Grease |
| Green (Engine Oil)               | 100 Hours          | Oil Change                        | SI 10W-30 Engine Oil                   |
| Yellow (Reducer)                 | 100 Hours          | Manual Application                | CKC 220 Mineral Gear Oil               |

**Exposure to rain is prohibited for this product.**

OPTIONAL DEVICE DISPLAY



HYDRAULIC FLYING ARM



TORQUE INDICATOR



GONDOLA (OF CABLE CAR)



WIRELESS REMOTE

PRODUCT MODELS · CUSTOMIZATION AVAILABLE

