

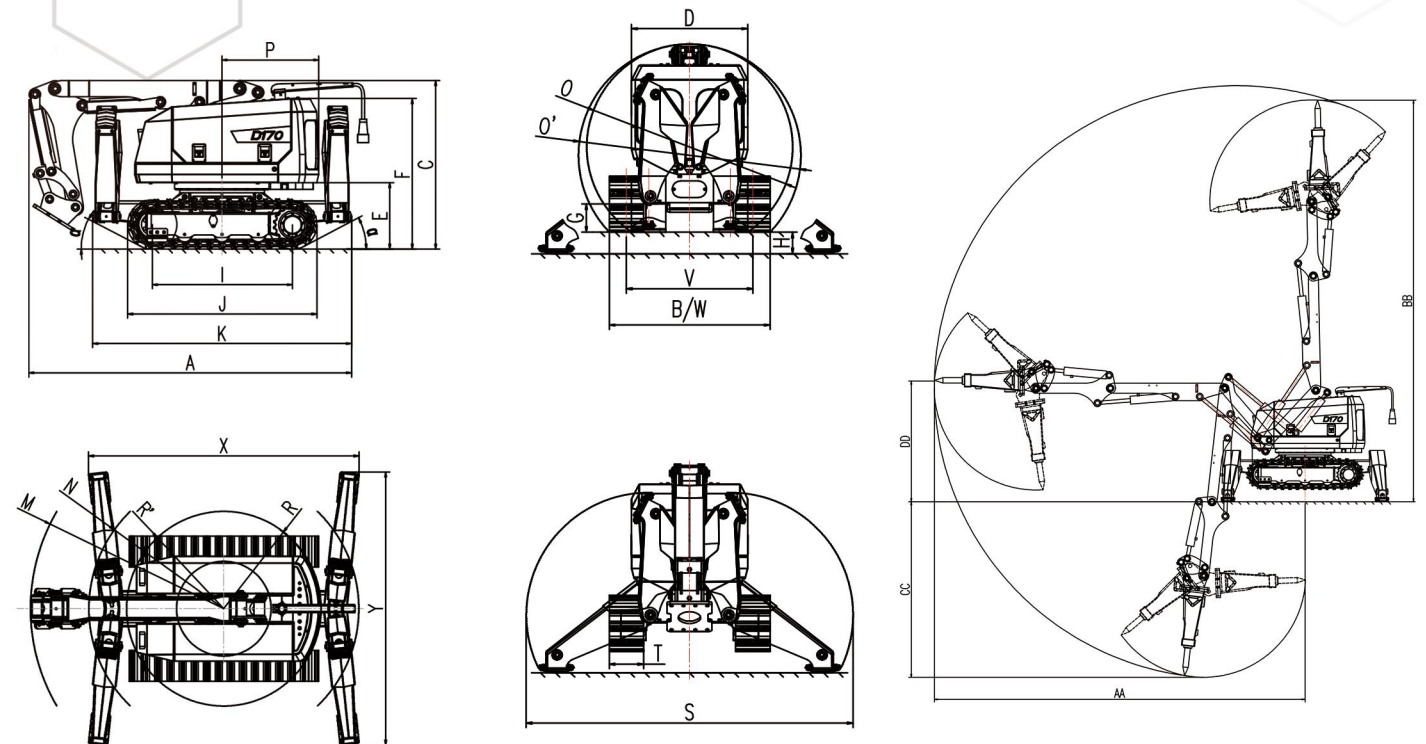
Excellent terrain traversal capability
Operates in all angles
Strong demolition capabilities
Remote control, Safety, Reliability

Saving **90%** on fuel costs
0 maintenance in **2000** hours
Low failure rate

Yuchai D170 Electric Remote-Controlled Demolition Robot

The Yuchai D170 electric remote-controlled demolition robot, developed by YuchaiHI, is a compact and agile equipment designed for precise operations in narrow spaces. With a body width of 780mm, it can pass through various terrain.

It can operate in wide angle, offering powerful demolition capabilities, high-temperature resistance, remote control functionality, and ensuring safety. Versatile and adaptable, it suits various harsh environments such as construction sites, metallurgical plants, cement factories, tunnels, emergencies, and nuclear industries.



D170 Equipment Parameters

| Performance Parameters | | Operating parameter | |
|---|---------------------------|--|--------------|
| Total Weight (Rubber Tracks) | 1850 kg | A Overall Length | 2400 mm |
| Total Weight (Steel Tracks/Track Pads/Extension Device /Additional Weight each increased by 50kg) | 2050 kg | B Overall Width (folded/unfolded leg) | 780/1080 mm |
| Rated Power | 24 kW/1454 rpm | C Overall Height | 1255 mm |
| Voltage/Frequency/Current | 380V/50Hz/47A | I Ground Length of Tracks | 1045 mm |
| Max. slewing Speed | 6 r/min | J Track Length | 1410 mm |
| Max. Travel Speed | 2 km/h | V Track Gauge(folded/unfolded leg) | 550/850 mm |
| Max.ground Pressure Ratio | 33 kPa | W Full Track Width (folded/unfolded leg) | 780/1080 mm |
| Noise Power (with/without Breaker) | 87/118 dB (A) | T Track Width | 230 mm |
| Max. Cradeability | 30° (58%) | E Height of Counterweight from Ground | 495 mm |
| Max.total Traction Forceta | 22 kN | F Height of rear panel | 1120 mm |
| Hydraulic System | Load-Sensitive System | G Min. Ground Clearance | 190 mm |
| System Rated Flow | 65.4 L/min | P Tail Length | 720 mm |
| Standard System Pressure | 170 Bar | N Leg Turning Radius | 1000 mm |
| Reinforced System Pressure | 230 Bar | O Machine Passing Diameter | 1380/1490 mm |
| Hydraulic Tank Capacity | 32 L | K Machine Length | 1930 mm |
| Control Method | Remote Control (optional) | D Platform Width | 780 mm |
| Remote Control Distance | 300 m (optional) | H Support Height | 145 mm |
| Control System Voltage | 24V | S Max. Width of Legs when Open | 2190 mm |
| Hammer Model | SB202 | X Front and Rear Support Span | 2010 mm |
| Hammer Weight | 200 kg | Y Left and Right Support Span | 2030 mm |
| Standard Drill Rod | Φ65×600 mm | α Front/Back Departure Angle | 27° |
| Rated Pressure | 100~150 Bar | AA Max. Operating Radius | 4450 mm |
| Rated Flow | 35~65 L/min | BB Max. Operating Height | 4820 mm |
| Impact Frequency | 850-1800 bpm | CC Max. Operating Depth | 2110 mm |
| | | DD Horizontal Operating Height | 1450 mm |
| | | Platform slewing Angle | 360° |

Specifications are subject to change without prior notice.