



## Features

- Worm gear transmission
- Molded components
- Three-phase motor
- Pressure sensor to prevent collisions
- Loop detectors
- Primary safety functionality
- Low noise operation
- Power relay for stable performance

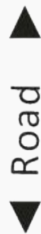
## Direction



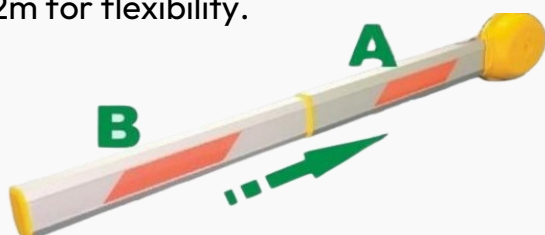
Right-hand version



Left-hand version



Part B contracts inside Part A, powered by a DC brushless motor with a gear reducer assembly. The adjustable bar link mechanism, supported by springs, allows fine-tuning of boom force and speed. This compact design simplifies 5m boom transportation, configurable as 4m+1m or 3m+2m for flexibility.



# HB145 Standard



## Specifications

|                     |                 |
|---------------------|-----------------|
| Boom Length         | 5 meter         |
| Operational Time    | 4 seconds       |
| Motor Power         | 100 watts       |
| Rated Current       | 6 Ampere        |
| Voltage             | DC 24V/ 50 Hz   |
| Motor MTBF          | 5 Million Times |
| Drive               | Brushless Motor |
| Transmission        | Worm Gear       |
| Working Temperature | -30°to 80°      |
| Remote Control      | ≤30m            |
| Water Resistance    | IP54            |

