

## SELF-PROPELLED ARTICULATING BOOM LIFTS (Electric Drive)



### The Whole Components Moving Down Design

The battery box, counterweight and other components are moved down, the center of gravity is reduced, and the stability is better. All components are located on both sides of the chassis, maintenance can be carried out at any time, very convenient.

### Equipped With Special Axle

Gradeability up to 30%, rough-terrain performance is good;

With 100% hydraulic differential lock, even three wheels slip, it can also go forward;

Can meet 4x4 drive steering, crab steering;

The integrated special axle is designed and developed according to the high frequency and bad working conditions of mining machinery. Completely rigid structure design, integrated with the actual use of the evaluation, to meet the 10 years of use 0 failure rate performance requirements.

### Pure Electric Drive

Equipped with imported 320Ah high capacity battery, noiseless, zero emission, low maintenance cost, green energy saving and environmental protection, in the meanwhile the machines have long working hours.

| MODEL                           | BA22ERT     | BA20ERT     |
|---------------------------------|-------------|-------------|
| <b>SIZE</b>                     |             |             |
| Max.Working Height              | 22.21m      | 20.28m      |
| Max.Platform Height             | 20.21m      | 18.28m      |
| Max.Horizontal Reach            | 13.32m      | 11.29m      |
| Overall Length(Stowed) <b>E</b> | 9.55m       | 8.72m       |
| Overall Width <b>A</b>          | 2.29m       | 2.29m       |
| Overall Height(Stowed) <b>B</b> | 2.49m       | 2.49m       |
| Platform Size(Length/Width)     | 1.83m×0.79m | 1.83m×0.79m |
| Turntable Tailswing             | 0.72m       | 0.72m       |
| Ground Clearance <b>C</b>       | 0.279m      | 0.279m      |
| Wheelbase <b>D</b>              | 2.4m        | 2.4m        |
| Turning Radius(Inside/Outside)  | 1.56m/2.57m | 1.56m/2.57m |
| Tyres                           | 315/55 D20  | 315/55 D20  |
| Up And Over Clearance           | 8.13m       | 7.7m        |

|                           |                |                |
|---------------------------|----------------|----------------|
| <b>CAPABILITY</b>         |                |                |
| S.W.L                     | 230kg          | 230kg          |
| Max.Occupants             | 2              | 2              |
| Gradeability              | 30%            | 30%            |
| Max. Travel Speed(Stowed) | 6km/h          | 6km/h          |
| Travel Speed(Raised)      | 1.1km/h        | 1.1km/h        |
| Max. Working Slope        | 5°             | 5°             |
| Turret Rotation           | 360°Continuous | 360°Continuous |
| Platform Rotation         | +/-90°         | +/-90°         |
| Jib Movement              | +70°/-60°      | +70°/-60°      |

|                |                     |                     |
|----------------|---------------------|---------------------|
| <b>POWER</b>   |                     |                     |
| Power          | Battery 24×2V/320Ah | Battery 24×2V/320Ah |
| Hydraulic Tank | 67L                 | 67L                 |

|               |         |        |
|---------------|---------|--------|
| <b>WEIGHT</b> |         |        |
| Weight        | 10100kg | 9590kg |

