



### Engine

|             |  |
|-------------|--|
| Model       | Cummins M11-C290                             |
| Type        | Direct injection, turbocharged, water cooled |
| Rated power | 216KW  |
| Rated speed | 2100rpm                                      |

### Hydraulic System

|                            |            |
|----------------------------|------------|
| Main pump                  | REXROTH    |
| Main valve                 | REXROTH    |
| Motor                      | REXROTH    |
| Main oil circuit flow rate | 2x321L/min |
| Main oil circuit pressure  | 30MPa      |

### Traveling System

|                 |             |
|-----------------|-------------|
| Traveling speed | 3.0/5.0km/h |
| Grade ability   | 70%         |
| Ground pressure | 0.077MPa    |

### Main Technical Specification

|                               |                           |
|-------------------------------|---------------------------|
| Operating weight              |                           |
| Face shovel                   | 42000Kg                   |
| Backhoe                       | 40000Kg                   |
| Standard bucket capacity      |                           |
| Face shovel                   | 2.0m <sup>3</sup>         |
| Backhoe                       | 1.8m <sup>3</sup>         |
| Rang of bucket capacity       |                           |
| Face shovel                   | 1.6/2.0/2.5m <sup>3</sup> |
| Backhoe                       | 1.0~2.5m <sup>3</sup>     |
| Stick digging force           |                           |
| Face shovel                   | 213KN                     |
| Backhoe                       | 199KN                     |
| Bucket digging force          |                           |
| Face shovel                   | 244KN                     |
| Backhoe                       | 168KN                     |
| Slewing speed                 | 9.0rpm                    |
| Max. tractive force           | 333KN                     |
| Circulating time of operation | 16s                       |

### Operating Scope

|                     |        |                     |         |
|---------------------|--------|---------------------|---------|
| Face shovel         |        | Backhoe             |         |
| Boom length         | 3900mm | Boom length         | 6500mm  |
| Stick length        | 2600mm | Stick length        | 3000mm  |
| Max. cutting height | 9240mm | Max. cutting height | 10580mm |
| Max. dumping height | 6890mm | Max. dumping height | 7490mm  |
| Max. digging depth  | 2350mm | Max. digging depth  | 7230mm  |
| Max. reach          | 7920mm | Max. reach          | 11240mm |

