

TECHNICAL SPECIFICATIONS

|                       |  |  |  |                                     |
|-----------------------|--|--|--|-------------------------------------|
| Overall parameters    | Model  |  | SY5310GJB12  |                                     |
|                       | Weight of mixer                                    |  | 16500 kg   |                                     |
|                       | Dimension of the whole truck (length×width×height) |  | 10500mm × 2500mm × 3985mm                              |                                     |
| Drum specifications   | Geometric volume                                   |  | 20.22 m <sup>3</sup>                                   |                                     |
|                       | Length   |  | 6290 mm  |                                     |
|                       | Nominal capacity                                   |  | 12 m <sup>3</sup>                                      |                                     |
|                       | Drum rotations                                     |  | 0~14 rpm   |                                     |
|                       | Feeding speed                                      |  | ≥3 (m <sup>3</sup> /min)                               |                                     |
|                       | Diameter   |  | Max. Φ2342 mm  |                                     |
|                       | Mixing drum obliquity                              |  | 11 °   |                                     |
|                       | Discharge residual percentage                      |  | <0.7%  |                                     |
|                       | Quantity of roller                                 |  | 2  |                                     |
|                       | Filling ratio                                      |  | 59.35%   |                                     |
|                       | Slump scope  |  | 50 mm~210 mm   |                                     |
| Hydraulic system      | Discharge speed                                    |  | ≥2 (m <sup>3</sup> /min)                               |                                     |
|                       | Reducer type                                       |  | PMB7.1SP/R130  |                                     |
|                       | Oil pump type                                      |  | ACA642337  |                                     |
|                       | Motor type   |  | HHD643321  |                                     |
| Water supply system   | Hydraulic circuit                                  |  | Close loop, split type                                 |                                     |
|                       | Water tank capacity                                |  | 450 L  |                                     |
|                       | Water pressure                                     |  | 3.8 bar  |                                     |
| Control system        | Water supply mode                                  |  | Pneumatic water supply                                 |                                     |
|                       | Control mode                                       |  | Mechanical control system                              |                                     |
| Engine specifications | Model  |  | Hino P11C-UJ   | Rated power 259kW/2100rpm           |
|                       | Bore×stroke  |  | Φ122mm × 150mm   | Max. torque 1420N·m/1100rpm         |
|                       | Displacement                                       |  | 10.52 L  | Emission standard Euro III standard |
|                       | Type   |  | 6-cylinder V-line, water-cooled, direct injection type |                                     |

