

GYD102J

FULL HYDRAULIC DOUBLE DRUM VIBRATORY ROLLER



Main characteristic

1. Drive system and vibration system adopt the international reputed brand imported hydraulic components
2. Hydraulic double drum drive, two range infinitely various speed. Hydraulic double drum vibration, double frequency and amplitude. Starting vibration and converting by electric control delay with simple operation. Hydraulic steering with articulated frame
3. Both drums vibrate separately or simultaneously, to adapt to different working condition, energy-saving, high-efficiency
4. Special design of the fork support to compact the road shoulder fully closed, with good visions
5. The cabin is spacious and bright, Operation station and operation seat can rotate around 90°, conveniently for curb compaction

6. An air-conditioner is optional for customers
7. The covers on both sides can be turned up in a big angel, the engine and hydraulic components are fully exposed, which are more convenient for maintenance
8. The two large anti-corrosion sprinkler tanks are connected to each other for design, large capacity, and electronically controlled pressure spray water system for intermittent spraying

Main Parameter

| Parameters | |
|-------------------------|---------------------|
| Operating weight | 10000 kg |
| Overall length | 4420 mm |
| Overall width | 1900 mm |
| Overall height | 3100 mm |
| Compaction width | 1700 mm |
| Engine | |
| Manufacturer | Cummins |
| Model | 4BTA3.9-C110 |
| Rated power | 82 kW |
| Rated speed | 2200 r/min |
| Cooling type | Water cooled |
| Displacement | 3.9 L |

| Working equipment | |
|------------------------------|------------------------|
| Vibratory frequency | 40/46 Hz |
| Centrifugal force | 110/65 kN |
| Vibratory amplitude | 0.75/0.35 mm |
| Static line pressure | 290N/cm |
| Walking System | |
| Travelling speed | 0-6 , 0-12 km/h |
| Gradeability | 30% |
| Min. ground clearance | 345 mm |
| Min. turning radius | 6000 mm |

Main configuration

| S/N | ITEM | MODEL | NO. | MANUFACTURER |
|-----|-------------------------|--------------|-----|--------------|
| 1 | Engine | 4BTA3.9-C110 | 1 | CUNMINS |
| 2 | Driving pump | 90R055 | 1 | DANFOSS |
| 3 | Vibratory pump | MPV046 | 1 | DANFOSS |
| 4 | Driving motor & Reducer | H1B060 | 1 | DANFOSS |
| 5 | Vibratory motor | MMF035 | 2 | DANFOSS |
| 6 | Vibratory bearing | NJ318 | 4 | NSK / CRONOS |
| 7 | Steering gear | BZZ1-E315C | 1 | ZHENJIANG |
| 8 | Steering gear pump | P097-19/14 | 1 | 泊姆克 |
| 9 | Steering cylinder | HSGK80/40E | 2 | CHENGBEI |

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