



**Reliability In Action**

# **RD730**

## **DOUBLE DRUM ROLLER**

**Engine Power: 24.4 kW**

**Nominal Amplitude Range: 0.5 mm**

**Vibration Frequency Range: 55/67 Hz**



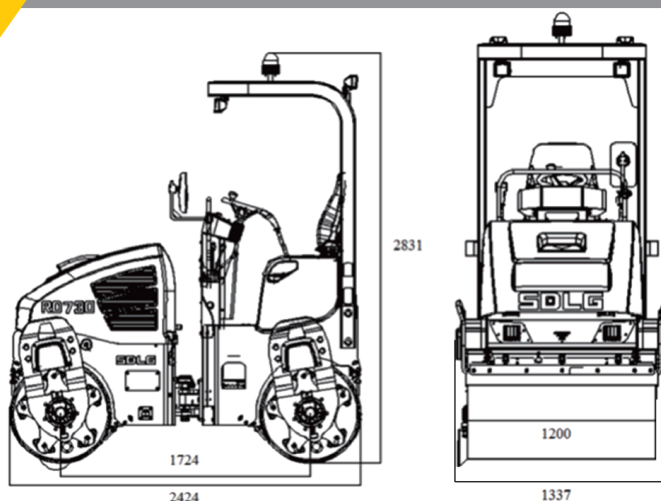
**Powerful Engine,  
High Compaction Efficiency**

**High-End Design,  
Reliable & Durable**

**Comfortable & Safe,  
Easy Maintenance**

# RD730

## Main specifications



| Item                                       | Parameter            |
|--------------------------------------------|----------------------|
| <b>Overall dimension</b>                   |                      |
| LxWxH (mm)                                 | 2424×1337×2831       |
| Width of vibratory drum (mm)               | 1200                 |
| Wheel tread (mm)                           | 1724                 |
| Wheelbase (mm)                             | 2424                 |
| Min ground clearance (mm)                  | 260                  |
| Min turning radius (mm)                    | 3818                 |
| Theoretical gradeability                   | 30%                  |
| Turning angle (°)                          | ±33                  |
| <b>Overall performance</b>                 |                      |
| Operating weight (kg)                      | 3120                 |
| Wheel distributed weight (front/rear) (kg) | 1480/1640            |
| Nominal amplitude (high/low) (mm)          | 0.5                  |
| Vibration frequency (Hz)                   | 55/67                |
| Excitation force (kN)                      | 31/46                |
| Static linear load (N/cm)                  | 120/131              |
| <b>Engine</b>                              |                      |
| Engine model                               | D1803-M-DI-MAR1-ET02 |

| Item                                    | Parameter                                            |
|-----------------------------------------|------------------------------------------------------|
| Engine type                             | In-line, Water-cooled, Four-stroke, Direct Injection |
| Rated Power/Speed (kW/rpm)              | 24.4/2400                                            |
| Engine displacement (ml)                | 1826                                                 |
| Cylinder bore/stroke (mm)               | 87/102.4                                             |
| Emission standard                       | PROCONVE MAR-1                                       |
| Min. Fuel-consume ratio (g/kW.h)        | 251                                                  |
| Max. torque (N.m/rpm)                   | 111.9/1400                                           |
| <b>Transmission system</b>              |                                                      |
| Clutch type                             | -                                                    |
| Transmission type                       | -                                                    |
| Gears                                   | -                                                    |
| Speed at forward/reverse gear I (km/h)  | 11.5                                                 |
| Speed at forward/reverse gear II (km/h) | -                                                    |
| Speed at forward gear III (km/h)        | -                                                    |
| <b>Brake system</b>                     |                                                      |
| Service brake type                      | -                                                    |
| Parking brake type                      | -                                                    |
| <b>Steering system</b>                  |                                                      |

| Item                                                     | Parameter               |
|----------------------------------------------------------|-------------------------|
| Steering system type                                     | Full-hydraulic steering |
| System pressure (MPa)                                    | 14                      |
| Swing angle (°)                                          | ±5                      |
| <b>Vibratory system</b>                                  |                         |
| Vibratory system type                                    | Open Circuit System     |
| <b>Service capacities</b>                                |                         |
| Fuel capacity (L)                                        | 40                      |
| Hydraulic oil (L)                                        | 23                      |
| Engine oil (L)                                           | 7                       |
| Transmission (L)                                         | -                       |
| Drive axle main drive and wheel reducer (L)              | -                       |
| Brake system (L)                                         | -                       |
| <b>STD Configuration</b>                                 |                         |
| Kubota D1803-M-DI-ET02                                   |                         |
| Open Circuit Vibration System                            |                         |
| Closed-Circuit Hydraulic Drive for Front and Rear Wheels |                         |
| Fork-Frame Type Double Drum Vibration                    |                         |
| Canopy                                                   |                         |
| Rotating Beacon                                          |                         |
| <b>Options</b>                                           |                         |
| Oversized Fuel Water Separator                           |                         |
| Hydraulic Oil High-Temperature Environment Module        |                         |
| Antifreeze Cold-Environment Module                       |                         |

\* SDLG constantly improves its products, and the configuration parameters will be continuously updated. We reserve the right to change the design and parameters without prior notice to users. The product configuration and appearance are subject to the physical object.



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