

# Ride-on Vibration Roller

## KV40DS

*Superior operability  
and high efficiency!!*



KV40DS  
Tandem type



Made in Japan



[Super Low-noise Construction Equipment]



[Act on Regulation, etc. of Emissions from Non-Road Special Motor Vehicles] compliant (third standard)

### ● Reliable Safe Performance

Certified for European Visibility Safety Standard 1x1  
Floor height and step to facilitate easy getting on/off  
Diff-lock to ensure the safety on rough terrain  
Engine can be started only when the operation lever is in neutral.

### ● Advanced Environmentally-friendly Design

Certified for the third emission control regulation

### ● Easy Maintenance

Full open hood  
Adopted highly durable impeller type sprinkling pump



| Model  | KV40DS Tandem Type   |
|--|--|
| CHASSIS MARK   | KVR40D   |
| <b>WEIGHT</b>  |  |
| SHIPPING WEIGHT kg                                     | 3,690  |
| OPERATING WEIGHT kg                                    | 4,000  |
| LOAD ON FRONT kg                                       | 2,000  |
| LOAD ON REAR kg  | 2,000  |
| <b>DIMENSION</b>                                       |  |
| OVERALL LENGTH mm                                      | 3,100  |
| OVERALL WIDTH mm                                       | 1,380  |
| OVERALL HEIGHT mm                                      | 1,630  |
| ROLLER WIDTH X DIAMETER mm                             | 1,300 x 800  |
| TIRE SIZE X ROLLER WIDTH<br>NUMBER OF TIRES X DIAMETER | 1,300 x 800  |
| WHEELBASE mm   | 2,300  |
| GROUND CLEARANCE mm                                    | 250  |
| CURVE CLEARANCE mm                                     | 600 (RIGHT AND LEFT)                                       |
| SIDE CLEARANCE mm                                      | 40 (RIGHT AND LEFT)  |
| <b>ENGINE</b>  |  |
| CHASSIS MARK   | KUBOTA D1703-EDM   |
| TYPE   | 3-CYLINDER VERTICAL WATER COOLING,<br>WHIRL CHAMBER SYSTEM |
| RATED OUTPUT kW/min <sup>1</sup> [PS/rpm]              | 21.2/2,300 [28.8/2,300]                                    |
| DISPLACEMENT L   | 1.647  |
| <b>ROLLING WHEEL</b>                                   |  |
| FREQUENCY Hz [vpm]                                     | 55 [3,300]   |
| CENTRIFUGAL FORCE kN [kg]                              | 24.5 [2,500] x 2   |

| Model                    | KV40DS Tandem Type   |
|--------------------------|--|
| <b>DRIVELINE</b>         |  |
| TRANSMISSION             | HYDROSTATIC TRANSMISSION/2 SPEED                           |
| REVERSE GEAR             | VARIATION OF DISCHARGE by VARIABLE CAPACITY HYDRAULIC PUMP |
| FINAL REDUCTION GEAR     | DIRECT DRIVE   |
| <b>EXCITATION UNIT</b>   |  |
| POWER TRANSMISSION       | HYDROSTATIC TYPE   |
| MOTION EXCITER           | UNIAXIAL ECCENTRICITY                                      |
| MOUNTED POSITION         | FRONT/LOAD ON REAR   |
| <b>DRIVE PERFORMANCE</b> |  |
| SPEED RANGE km/h         | LOW 0-7.5, HIGH 0-10.0                                     |
| CLIMBING ABILITY DEGREE  | 22   |
| MINIMUM TURN RADIUS m    | 4.3  |
| <b>BRAKE SYSTEM</b>      |  |
| MAIN BRAKE               | HYDROSTATIC TYPE   |
| PARKING BRAKE            | WET MULTIPLATE BRAKE (MECHANICAL)                          |
| <b>DRIVE SYSTEM</b>      |  |
| SYSTEM                   | ARTICULATE TYPE  |
| TYPE                     | HYDRAULIC TYPE   |
| <b>OTHER</b>             |  |
| SPRINKLER UNIT           | ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)          |
| LIQUID SPRAY SYSTEM      | —  |
| FUEL TANK L              | 50   |
| SPRINKLER TANK L         | 310  |
| LIQUID TANK L            | —  |

Vibration Roller

