

**SAKAI®****R2H-4**

Asphalt Rollers

**R2H-4**

## Static Three Wheel Roller

**Versatile static three wheel roller for various types of paving compaction jobs**

### Best compaction quality and efficiency

- Equal static linear pressure across all drums provides uniform compaction.
- Articulated center-point steering.
- The all-drum hydrostatic drive with extra-large diameter drums leaves a smooth finish and eliminates pushing and shoving of mix.
- Engineered for thin HMA layers such as SMA and OGFC where vibratory compaction is not allowed.

### Easy Maintenance

- Standard sprinkler system includes anti-clog package, rust free plastic water tank, triple-protection filtration, and perfect draining winterization system.
- Direct access to spray nozzles from operators station.
- Easy access to engine, hydraulics, devices, filters, etc. from ground.
- Rugged articulating center-pin joint.

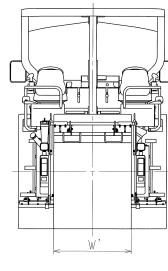
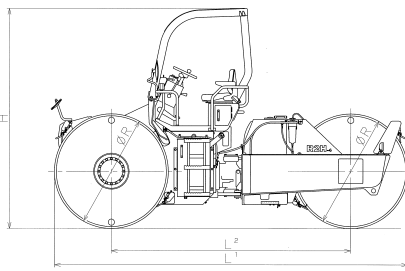
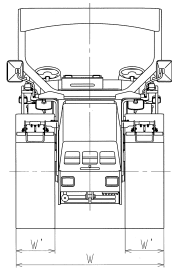
### High Safety Standards

- 1m×1m visibility.
- Emergency foot brake pedal is standard.

[www.sakaiamerica.com](http://www.sakaiamerica.com)

The photos may contain optional equipment and/or attachments

# R2H-4



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|                        |   |               |
|------------------------|---|---------------|
| <b>TYPE</b>            |   |               |
| <b>MODEL</b>           |   |               |
| <b>CHASSIS MODEL</b>   |   |               |
| <b>MASS</b>            | Operating mass [with ROPS]                                  | kg(lbs)       |
|                        | Load on front axle [with Operating mass]                    | kg(lbs)       |
|                        | Load on rear axle [with Operating mass]                     | kg(lbs)       |
| <b>PERFORMANCE</b>     | Static linear pressure for front drum [with Operating mass] | N/cm (lbs/in) |
|                        | Static linear pressure for rear drum [with Operating mass]  | N/cm (lbs/in) |
|                        | No.of speeds  |               |
|                        | Speed range   | km/h(mph)     |
|                        | Theoretical Gradeability                                    | %(°)          |
|                        | Turning radius outside compacted surface                    | m(in)         |
| <b>DIMENSIONS</b>      | Overall length L <sup>1</sup>                               | mm(in)        |
|                        | Overall width W   | mm(in)        |
|                        | Overall height [without ROPS]                               | mm(in)        |
|                        | Overall height [with ROPS] H                                | mm(in)        |
|                        | Wheelbase L <sup>2</sup>                                    | mm(in)        |
|                        | Compaction width W  | mm(in)        |
|                        | Drum width W' / Drum diameter R                             | mm(in)        |
|                        | Shell thickness   | mm(in)        |
|                        | Ground clearance  | mm(in)        |
|                        | Curb clearance  | mm(in)        |
|                        | Side clearance  | mm(in)        |
| <b>ENGINE</b>          | Make  |               |
|                        | Model   |               |
|                        | EPA emission standard                                       |               |
|                        | Type  |               |
|                        | Displacement  | L(cu.in)      |
|                        | Rated output  | kW(HP)/min-1  |
|                        | Electric system battery                                     | V(V/Ah×Qty)   |
|                        | Electric system alternator                                  | V/A           |
| <b>DRIVE SYSTEM</b>    | Transmission type   |               |
|                        | Drive wheel   |               |
| <b>BRAKE SYSTEM</b>    | Service brake   |               |
|                        | Secondary brake (Emergency brake)                           |               |
|                        | Parking brake   |               |
| <b>STEERING SYSTEM</b> | Type  |               |
|                        | Steering / Oscillation angle                                | ±(°)          |
| <b>FLUID CAPACITY</b>  | Fuel tank   | L(gal)        |
|                        | Hydraulic oil tank  | L(gal)        |
|                        | Water sprinkler tank  | L(gal)        |

|                                  |  |
|----------------------------------|--|
| <b>Static Three Wheel Roller</b> |  |
| <b>R2H-4</b>                     |  |
| <b>1R7</b>                       |  |
|                                  | 14,040(30,950)   |
|                                  | 6,820(15,035)  |
|                                  | 7,220(15,915)  |
|                                  | 608(345)   |
|                                  | 643(365)   |
|                                  | 2  |
|                                  | 0-8 / 0-16(0-5.0 / 0-9.9)  |
|                                  | 47(25)   |
|                                  | 6.3(249)   |
|                                  | 5,020(198)   |
|                                  | 2,100(83)  |
|                                  | 2,290(90)  |
|                                  | 3,115(123)   |
|                                  | 3,400(134)   |
|                                  | 2,100(83)  |
|                                  | Front : 550 / 1,620(22 / 64) Rear : 1,100 / 1,620(43 / 64)                   |
|                                  | 28(1.1)  |
|                                  | 340(13)  |
|                                  | ∞ (unlimited)  |
|                                  | 0(0)   |
|                                  | KUBOTA   |
|                                  | V3307-CR-T-EF05  |
|                                  | EPA Tier 4   |
|                                  | Diesel, water cooled, 4 cycle, 4 cylinder                                    |
|                                  | 3.331(203.3)   |
|                                  | 54.6(73) / 2,200   |
|                                  | 12(12 / 72×1)  |
|                                  | 12 / 90  |
|                                  | Hydrostatic  |
|                                  | All wheel  |
|                                  | Dynamic brake through hydrostatic drive system / F-N-R lever                 |
|                                  | Hydrostatic + Spring applied hydraulically released type(SAHR) / Brake pedal |
|                                  | SAHR / Panel button  |
|                                  | Hydraulic(Articulated)   |
|                                  | 36 / 5.3   |
|                                  | 100(26.4)  |
|                                  | 85(22.5)   |
|                                  | 680(179.6)   |

- Operating mass : Fuel=50%,Water=50%,Operator=75kg.
- Specifications are subject change without notice.
- Above specified numbers could be deviated within ±5%.
- All units are SI units. Inside of ( ) is for reference units.
- The photos may contain optional equipment and/or attachment