



SW652-1

VIBRATORY TANDEM ROLLER

Efficient compaction with various vibratory modes

Sakai patented compaction technologies

- SW652-1/-1K, standard model features 4,020vpm high frequency vibration by which can efficiently achieve the density faster and create smoother hot mix asphalt (HMA) mat.
- "B model", split drum type is also equipped with high frequency vibration and is easy to operate in the tight corner without pushing or shoving the material.
- On "ND model", oscillatory or circular (normal) vibration is selected by switch at operator station depending on the job conditions. The oscillatory vibration is good for thin lift and the circular vibration is effective for thick layer compaction.

Operators comfort

- Full view over drum surface, drum edge and sprinkler nozzles.
- Auto shut-off of water sprinkler when the Forward & Reverse lever is in the neutral position.
- Patented dual water pump system for increased reliability.

High safety standards

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

Easy Maintenance

- Rugged articulated centre-pin joint.
- Long life Sakai patented rubber isolators for drums.
- Sprinkler system with anti-clog package, i.e., a plastic water tank, triple-protection filtration, etc., and with perfect draining winterization.
- KUBOTA V3307 engine features OHV4 valve and Turbo that maintains output even at high elevations.



SW652B-1



SW652ND-1



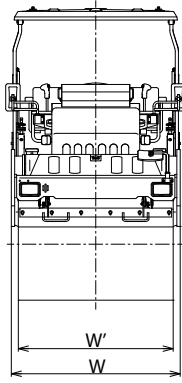
SW652H-1

If you need any technical or service parts support on our products, please contact this web page.

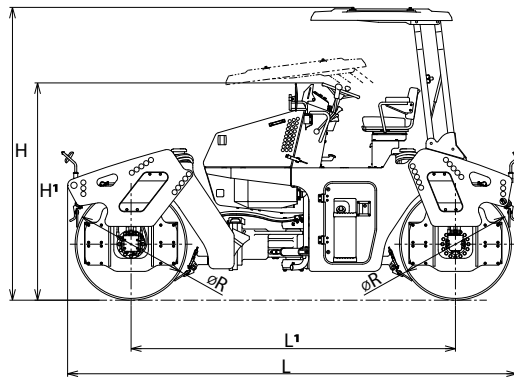


www.sakainet.co.jp/english/

-1



-1K Series



TYPE

MODEL

CHASSIS MODEL

WEIGHTS

PERFORMANCE

PERFORMANCE

PERFORMANCE

PERFORMANCE

PERFORMANCE

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Vibratory Tandem Roller

SW652-1 SW652H-1 SW652ND-1 -

SW652-1K SW652H-1K - SW652NDH-1K

1SW47 [SW652-1 Series]

1SW52 [SW652-1K Series]

7,180 (15,830) 8,080 (17,815) 7,480 (16,490) 8,140 (17,945)

6,820 (15,035) 7,720 (17,020) 7,120 (15,700) 7,780 (17,150)

3,290 (7,255) 3,740 (8,245) 3,440 (7,585) 3,770 (8,310)

3,530 (7,780) 3,980 (8,775) 3,680 (8,115) 4,010 (8,840)

62 /69 (13,940 /15,510) [6,320 /7,040] (Vib./C/c) 68 /124 (15,285 /27,875) [6,980 /12,640]

67 /50 (4,020 /3,000) (Vib./C/c) 49 /49 (2,940 /2,940)

0.30 /0.55 (0.012 /0.022) 0.20 /0.40 (0.008 /0.016) (Vib./C/c) 0.52 /0.75 (0.020 /0.030) (Vib./C/c) 0.39 /0.53 (0.015 /0.021)

637 /684 (365 /390) 667 /683 (380 /390) Vibration 687 (390) Vibration 709 (405)

653 /700 (375 /400) 714 /730 (410 /415) Vibration 703 (400) Vibration 725 (415)

6

0-2, 0-4, 0-6 /0-4, 0-8, 0-13 (0-1.2, 0-2.5, 0-3.7 /0-2.5, 0-5.0, 0-8.1)

34 (19) 29 (16) 32 (18) 29 (16)

3.7 /5.1 (146 /201)

4,300 (169)

1,615 (64)

2,080 (82) 2,085 (82) 2,080 (82) 2,085 (82)

2,315 /2,795 (91 /110) 2,320 /2,805 (91 /110) 2,315 /2,795 (91 /110) 2,320 /2,805 (91 /110)

3,100 (122)

1,480 (58)

1,480 /1,070 (58 /42) 1,480 /1,087 (58 /43) 1,480 /1,070 (58 /42) 1,480 /1,087 (58 /43)

17 (0.7) 25.5 (1.0) 17 (0.7) 25.5 (1.0)

275 (11) 280 (11) 275 (11) 280 (11)

705 (28) 715 (28) 705 (28) 715 (28)

67 (2.5)

KUBOTA

V3307-DI-T-KDN (Interim Tier4) [SW652-1 Series]

V3307-DI-T-E2B-RFSH1 [SW652-1K Series]

Diesel, water cooled, 4 cycle, 4 cylinder, with turbocharger

3,331 (203.3)

55.4 (74) /2,200

12V (12V /72 x1)

12V /80A

Hydrostatic

All wheel (two drums)

Hydraulic

2

Single eccentric shaft

Dynamic braking through hydrostatic drive system /FR lever

Hydrostatic + Spring applied hydraulically released type (SAR) /Brake pedal

SAR /Panel button

Hydraulic

39 /9

120 (31.7)

51 (13.5)

300 (79.3) x 2

※ Specified figures have a tolerance of ±5%. ※ Max. operating weight : Fuel=100%, Water=100%, Operator=75kg
 ※ All specifications may be changed without notice. ※ Operating weight : Fuel=50%, water=50%, operator=75kg
 ※ Specified figures are in SI Units, followed by their equivalent in English units of measurement in parentheses. ※ The photos may contain optional equipment and/or attachment.

* Engine meets EPA standards for SW652-1 series.
 * Using low quality fuel may cause engine failure.



Pulomas Office Park, Tower 1,
 1st Floor, Room 11
 Jl. Jenderal Ahmad Yani No. 02
 Jakarta Timur 13210

Standard Equipment :

- ※ AWNING
- ※ Instrument panel
- ※ Gauges
- ※ Backup alarm
- ※ Horn
- ※ Working lights
- ※ Turn signal lamp
- ※ Mirrors
- ※ Scrapers for both directions
- ※ Sliding seat
- ※ Independent vibration control
- ※ Pressurized water sprinkler system
- ※ Intermittent water spray timer
- ※ 4 points lifting
- ※ Accessory socket (12V)

Optional Equipment :

- ※ ROPS CANOPY
- ※ Rotary beacon
- ※ Seat belt
- ※ Side sliding seat
- ※ Split drum