

SAKAI

MASTERS OF COMPACTION



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1000th Sakai America Compactor Rolls Off the Line

Adairsville, Georgia – SAKAI builds and ships more rollers than any other company worldwide – over 4000 machines annually. In 2001, Sakai America opened the doors of a new, state-of-the-art manufacturing plant, located in Adairsville, Georgia, north of Atlanta. Annual machine production has increased dramatically over the past two years. Just recently, the 1000th American-made Sakai compactor rolled off the line at this North American plant.



Sakai America technician routes hydraulic hoses for the company's 1000th roller, and SV-505D.

The machine honored was an SV-505D, a drum drive equipped, vibratory soil compactor with an 84 inch-wide compaction drum, currently one of Sakai's most popular models. The SV505D develops over 50,000 pounds of centrifugal force and is well suited to highway and airport subbases, embankments, dams and sitework for large commercial/industrial tracts.

According to Max Fukuda, President of Sakai America, "We are very proud of our place in the world's construction equipment industry. From humble beginnings as an engine repair shop in Japan, to the largest builder of vibratory rollers in the world, we have come along way. We are equally proud of our progress here in Georgia and look forward to future years of continued growth in the North American markets."

SAKAI opened their doors in 1918 and began manufacturing road rollers in 1929. In 1956, SAKAI began manufacturing vibratory rollers, which achieve required densities faster and are thereby increase production. The company now makes a line of 29 different vibratory compactors for soil and asphalt compaction. The soil compaction line includes four different series of smooth, padfoot and combination drum configurations for compacting a wide range of semi-cohesive and cohesive soils and granular materials to rockfill. Drums up to 84 inches wide are available with numerous features and benefits.

In 1970, SAKAI introduced double drum vibratory rollers for the mainline rolling of asphalt pavements. Today many different types and variations of these vibratory asphalt rollers are manufactured in the Adairsville plant. Drum widths from 39 to 84 inches are available.

SAKAI continues to set the standards for the industry to follow. SAKAI was the first to introduce the technology of the high frequency

4000 vpm roller which rolled twice as fast as many previous models and still achieved the 10 impacts per foot necessary for today's compaction specifications at proportionately higher, and most desirable ground speeds. This meant higher productivity and profitability on Superpave and other asphalt compaction jobs. Sakai's entire line of vibratory asphalt rollers now runs at 4000+.

SAKAI's GW750 is the world's first vibratory pneumatic tire roller. It offers a rolling width of 77" and was designed specifically to meet the demands of time-sensitive Superpave and other difficult-to-compact HMA mixes. Similar to double drum steel vibratories, this roller offers four different amplitude settings to suit the application. This innovative 20,000-pound machine gives results equal to those of a 55,000 pound static pneumatic tire roller.

Another innovation along the way was SAKAI's 83" wide R2H, which blends the key benefits of the old three-wheel and tandem rollers into a unique concept in static compaction, the balanced three-wheel roller. The balanced drums offer equal weight per linear inch across the rolling width and are machined for concentricity, leading to a perfectly smooth finish.



Sakai America employees involved in the production of celebrate the completion of this SV-505D - the plant's 1000th roller.

To learn more about the innovative Sakai product line or to see it in action, please contact your local Sakai dealer or Sakai direct at 800-323-0535 or log on to www.sakaiamerica.com.

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