

Sumitomo

Booth:

Sumitomo Construction Machinery has developed a special screed for road construction sites, which extends the maximum paving width to over 2.5 times the length of the main screed, where a usual screed is normally up to 2 times. As such, construction of pavement up to 7.5 m width is made possible without the use of bolt-on extension screeds. With this development, Sumitomo paver's screed is called J-paver.

Sumitomo's pavers with J-paver equipped feature the concept of 'user-friendly, eco-friendly and repair-friendly' and are manufactured with high quality. Among the models to be introduced at Intermat 2012 is the wheel type HA60W asphalt paver with Interim Tier 4 engine. The machine has an in-wheel-motor, adopting chainless direct drive. There is also a feedback system that detects rotation of the drive motor, which keeps constant travel speed even when problems occur such as load variation. In addition, four-wheel drive with parallel drive system enables the front and rear wheels start rotation simultaneously, which prevents slipping of the wheels and ensures stable travel. This in turn ensures efficient, smooth, and stable travel performance, enhancing the flatness and smoothness of the finished surface.

The crawler type HA60C asphalt paver, equipped with an in-shoe-motor, is already popular in the European market with continued growth of sales. According to Sumitomo, there are several reasons for this growth. One of the main factors is the extension/contraction performance of J-paver; the minimum paving width is 2.3 m and maximum paving width without a bolt-on extension screed is 6 m. This means that J-Paver can perform three jobs using only one machine, whereas traditional pavers would usually require a mini paver for paving width of approximately 2.5 m or less, a middle size paver for approximately 5 m or less, and a large paver for approximately 6 m or less.

Another reason is that, based on the survey, most of road constructions in West Europe feature paving widths of 2.3 to 6 m (80 percent or more), while projects with paving widths less than 2.3 m or over 6 m occupy a small portion. The characteristics of J-Paver such as high quality, user-friendly, repair-friendly, and eco friendly are also appealing to customers. ■



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