

Smoothtrac™ Sonic Averaging System For Placing Pavement

Smoothtrac™ is a non-contact replacement for the conventional averaging ski used widely in the paving industry. Specifications for paving often require an averaging ski to aid the contractor in ensuring necessary smoothness of the job surface. Contact skis are typically long "I" beams with spring loaded feet or wheels to support them. These beams are attached to the paving machine and range from 10 feet to over 30 feet in length. They are dragged beside the machine to average out bumps and dips, thus providing a smooth pavement surface. Contact skis are troublesome to the contractor because their basic design hinders the machine's mobility, allows the ski feet to stick to the pavement, and requires frequent cleaning of the ski feet.

In the Smoothtrac™ System, the beam is suspended from the paving machine and does not touch the pavement. It incorporates proven sonic technology to maintain a set distance between the suspended beam and the surface being paved. Smoothtrac™ is able to counter the problems inherent with contact type skis and allows more accurate control of the pavement surface to ensure rideability.

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