

Development of a High Density Screed – Long a desire of both manufacturers and users of paving machines, a screed that would produce HMA density in the 90% to 93% range directly out of the paver, and do so at the speeds that American contractors demand, would be a very important development for the industry. Currently, there are screeds in Europe that are capable of these numbers, but their rate of travel is much lower than that considered acceptable by U.S. contractors. TransTech's innovative engineers and scientists are developing a screed that will provide this level of compaction at speeds that will be more than acceptable for any contractor in the U.S. When used in conjunction with TransTech's other novel products – and some that are due out in the near future – bonuses will become a regular feature in every contractor's life and high quality, longer life roads will become the norm! One of the key, complimentary programs being initiated at TransTech, HMA compaction modeling, will greatly enhance our ability to develop the screed...and test it quickly and inexpensively using FemLab. This multi-physics based modeling is also allowing us to improve our other existing and future products that deal with HMA compaction (Notched Wedge Joint Maker™, Safety Edge Maker™, etc.), as well as soils.