



# APPLICATIONS DEVELOPMENT LABORATORY



Triple/S Dynamics Applications and Product Development Laboratory is an important component in the company's close working relationship with its customers. With a wide range of testing and analysis equipment, this lab enables company applications engineers to test screens, separators, and conveyors. The facility is also routinely used to determine optimal equipment size, estimate yield and production scale capacities and to project the final characteristics of the product after screening, separation, shredding or conveying.



Triple/S Dynamics also employs Applications and Product Development Laboratory to support the custom modification of existing equipment and the development of prototypes for new designs to meet specific customer requirements. From equipment tests performed in the laboratory, Triple/S Dynamics can make recommendations for the optimal type, size and design of equipment to achieve maximum operation efficiency.



This fully-equipped facility can be used to demonstrate the performance of low-speed and high-speed screening equipment that can also be tested for their efficiency with process materials. In addition, engineers can determine the suitability of either the natural frequency or the Slipstick horizontal motion conveyor for any given application. This versatile lab also provides for precise balancing and testing of rotating and reciprocating machinery designs for resistance to vibration, sound and stress damage.

With Applications and Product Development Laboratory, engineers can develop multi-stage processes for dry bulk material handling and separation or beneficiation, as well as equipment modifications to accommodate special customer requirements. Most small-scale application tests are free, and Triple/S Dynamics welcomes the customer to witness. A factory sales engineer can schedule the test and provide the customer with representative samples. Triple/S Dynamics offers a test pilot program where products may be field tested with demonstration equipment shipped to your site.

The Applications and Product Development Laboratory is an essential component in Triple/S Dynamics' Guaranteed Performance program. From design to final process evaluation, this program provides the customer the assurance that all Triple/S Dynamics equipment is built to meet the requirements for which it was developed.