



**Over 2000 years in the making...
here's our 21st Century contribution**

The Archimedes screw has been around for a few years now and represents a deceptively simple way to move materials. Liquids to solids and everything in between, a rotating helix can propel the product and deliver the accuracy demanded by many bulk solids handling machinery.

For the last 20 years Trantec Solids Handling has been producing just such machines, taking the humble “auger” and putting it to work moving powders, granules, flakes and pellets with consistency and precision in their Metering Screw Feeders.

Today's powder handling applications are demanding even greater efficiency and accuracy. Food and pharmaceutical machinery has its own requirements for hygienic design and the cost of many process ingredients means over feeding or wasted product must be minimised. Machine reliability also takes centre stage with active components such as auger screws needing to have a full and long productive life.

Original Trantec machines used augers manufactured by others. Whilst these screws were fully functional, Trantec craved a more accurate and consistent product which had tight tolerances and maximum life. In the early years of the new millennium Trantec had developed a new range of Metering Feeders which included many quick release easy clean features. This new range demanded augers of high build quality at sensible prices and the decision was taken to begin development of Trantec's own Auger manufacture.

In more recent times Trantec have focussed their auger manufacture at the “High Tech” end and embraced the latest computer-controlled machine tools combined with modern design and manufacturing software. This investment has given Trantec unique knowledge of auger production methods and has put Trantec at the cutting edge of world-wide Auger manufacture for the process industry. Trantec's policy of continuous development pushes the boundaries of current engineering manufacture and produces Augers of better quality and finish than ever before whilst driving down costs at the same time. Better quality product at a lower price is everyone's target of course and Trantec believe they have done just that.

Five years ago Trantec brought their Auger Screw manufacturing capabilities to the market place and now manufacture augers for use in any machinery. Trantec's customer base includes many global players in the food, pharmaceutical and chemical industries providing new augers, replacement augers or exotic development augers for the latest solids handling machinery.

Trantec continue to grow and develop new auger making facilities and methods, challenging their customers to set ever more complex helix configurations for them to make. A real commitment to continuous development will keep Trantec ahead in this 2000 year old product development.