



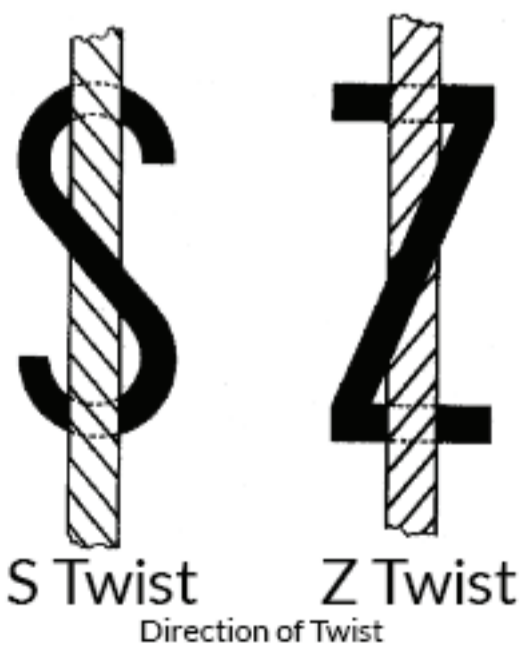
J & T Boyd Yarn Twister 'Mr Boyd'

J & T Boyd were a Textile Machinery Manufacturer and Millwrights. The company was based in Glasgow, Scotland from 1868 - 1969. They had a great deal of success with their mechanical twister due to its ease of use, speed and excellent break detectors.



J&T Boyd Factory

The Yarn Twister is able to fold or ply various single ends of spun yarn together from a 2 fold up to a 4 fold yarn. Essentially the machine operates like a ring spinner, inserting twist into the single elements by means of a small traveller going round at high speed around a steel ring. The folded yarn is then delivered onto the bobbin until the bobbin is filled. If the yarn breaks, or runs out, the machine has an ingenious mechanical sprung loaded detection system which activates and pings the head off, applying a brake to stop the spindle spinning - impressive!



When we spin a single yarn we twist in a clockwise direction known as Z Twist. To make our yarn balanced and not over twisted we have to fold or ply in an anticlockwise direction known as S Twist. Once folded or plied the yarn is balanced and becomes very strong and when knitted will produce a good stitch definition and even appearance.

Mr Boyd was purchaed from Joseph Horsfalls in Halifax when they closed down. Mr Boyd is a double sided machine and only one side is operational - it is my ambition to have both sides of Boyd working..... sometime soon?