



NSC Gillbox 'Ralph'

The Gillbox is an essential machine in the Mill and has a multifunction use for the fibre work we carry out in Worsted Spinning.

The Gillbox consists of two sets of Faller Bars (71 Bars in each set). Each faller bar looks like a viscous steel comb with profiled pins. The fallers rapidly move through the fibre making the fibres parallel and straight.



NSC Faller Bar

The Gillbox can be used to prepare SLIVER from the Carder ready for the next stage in Worsted fibre preparation. In this operation the pins on the Faller Bars make the fibres straight and parallel. The fibre is run through the Gillbox twice to make sure the fibre tips are straightened in both directions.

We can also use the Gillbox as a blending machine, combining different fibre tops together to make an even and intimate blend.

Ralph came to us as a redundant machine from a now defunct Mill in Bradford. He is called Ralph for no other reason than he looked like a Ralph.



Blended Fibre Tops