

Employer | **British Wool**

Designers | **Billy Hewitson, British Wool**

Title | **Transporting and weighing of 'wool sheets'**

“ We were so impressed, it has been introduced throughout the whole area. ”
Depot Manager



Chartered Institute
of Ergonomics
& Human Factors

BEFORE



Wool sheets manually handled with sack barrow



Placing a wool sheet on a weighing scale

- Each year, farmers send millions of kilos of wool to British Wool in the form of large and cumbersome wool sheets of varying weights.
- Wool sheets were being transported manually on sack barrows and weighed individually, then stored for subsequent grading later.
- This activity was an extremely physically demanding task.

AFTER



- The company recognised that a solution was needed to reduce the risk of musculoskeletal disorders to their workers.
- The team designed and constructed a weigh frame so that the wool sheets could be transported by forklift to the weighing scales. This enables multiple sheets to be moved and weighed together.
- This significantly reduced the manual handling aspects of transporting and weighing the wool sheets.
- Other benefits included increased productivity and the weigh frame has been rolled out throughout the network.