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(57) Abstract :
Present invention discloses an automated wool fabric manufacturing system that maintaining the uniqueness of traditional manufacturing, and method thereof. The system (100) may include at least one place of manufacturing equipped with one or more chambers. The one or more chambers are connected by one or more conveyor belts and coupled to one or more processors to integrate and automate the processes of the one or more chambers. A wool collector merged sorting and cleaning chamber to collect unprocessed wool fibre to sort and clean the wool fibre. A carding chamber performs a carding process on the wool fibre. A spinning chamber performs a spinning process to form wool yarns. A weaving chamber is configured to perform weaving process on the wool yarns to produce wool fabric. A dyeing chamber performs dyeing process on the wool fabric to deliver the wool fabric with qualities same as the fabric qualities derivable from traditional manufacturing.

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