



Case History

Automotive Industry

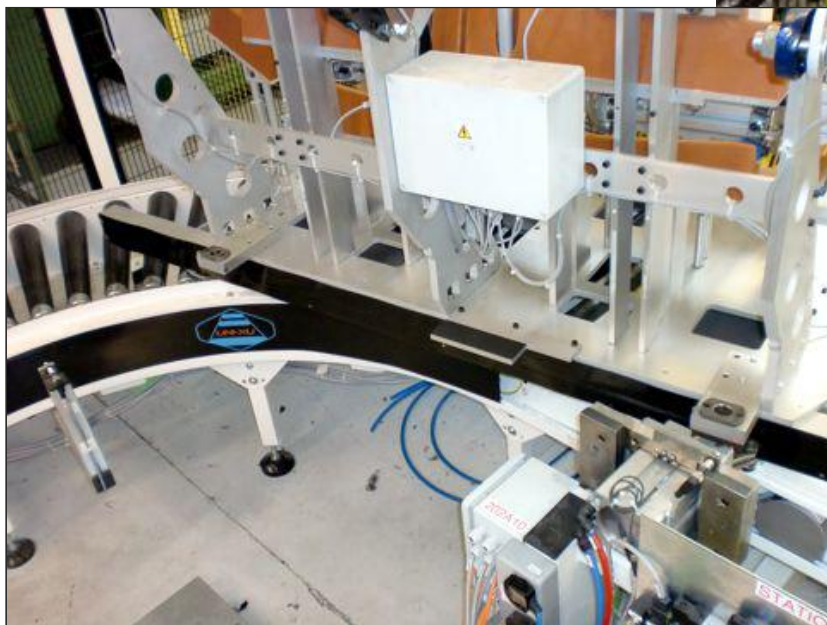


When Jaguar Landrover installed a new robot line using special purpose machine supplier Simms Engineering, Monk Conveyors was asked to supply the conveyor system. The system used roller conveyors to feed car bumper fixtures within a robot cell. The layout was a closed loop, so robots could pick the bumper from the fixtures and they would be returned to the start of the process. The fixtures were 1950mm x 880mm weighed 160kg.

Sixteen individual 24vdc drive motors created sixteen powered zones. This allowed a continual flow of fixtures without allowing them to touch each other.

Line speed was 15m/min and 30m/min.

Monk Conveyors worked with Simms Engineering to provide detailed approval drawings before manufacture.



MONK Conveyors Limited

Unit 9, The Christy Estate, Ivy Road, Aldershot, Hampshire GU12 4TX

Tel: +44(0)1252 369800 Fax: +44(0)1252 369801 Email: sales@monk-conveyors.co.uk

Visit our website at: www.monk-conveyors.com