

CIMCORP

Cimcorp to supply turnkey automated handling system to Turkish tire manufacturer, Petlas

The order is for robotic handling systems based on Cimcorp's Dream Factory solution and will cover the handling of tires in the tire-finishing and palletizing areas

Ulvila, Finland – November 9, 2016 – Cimcorp has won a significant order to supply a fully automated handling system to Petlas Tire Corporation at its factory in Kirsehir, Turkey, about 100 miles southeast of Ankara. Based on Cimcorp's [Dream Factory](#) solution, the automation will take care of the handling of PCR (passenger car radial) finished tires in the tire-finishing and palletizing areas. Work on the order – Cimcorp's first project for Petlas – is already underway and the turnkey material handling system will become operational in the autumn of 2017.



Petlas.jpg

Petlas is investing heavily in its Kirsehir plant in order to meet growing demand for PCR tires

Growing demand

The order for Cimcorp is part of a huge investment program to expand the Kirsehir plant in order to increase Petlas' PCR production capacity and meet growing demand. Turkey achieved record car production and export levels in 2015, with production up by 16 percent and exports up 12 percent over

the preceding year. This growth rate is higher than in any other European country and, with its automotive plants rolling out 1.36 million vehicles in 2015, Turkey is now the seventh largest automotive producer in Europe.

Robotic handling

With the production equipment – the tire-building machines, presses and testing machines – already installed, Petlas is commencing the automation of the plant’s material handling. This comprises Cimcorp’s robotic buffer stores, tire conveyors and control software – Cimcorp WCS (Warehouse Control Software) – to take care of all material flows. Using linear robots operating on overhead gantries, the system will automate the handling and transfer of finished tires from the trimming stations, through visual inspection and uniformity testing, to palletizing.



Dream Factory.jpg

Cimcorp's Dream Factory automated solution will handle PCR finished tires in the tire-finishing and palletizing areas

Commenting on the order, Yahya Ertem, General Manager at Petlas Tire Corporation, said: “We think highly of Cimcorp’s software, which integrates the machines into one entity and keeps the flow of material and data under complete control. Cimcorp’s Dream Factory automation fits with our vision to achieve ‘excellence in business’ and will help us to achieve our strategic goals.”

Cimcorp is delighted to have secured its first order with the Turkish manufacturer. Tero Peltomäki, Cimcorp’s Vice President of Sales and Projects, said: “It has been fantastic to work with the Petlas team, honing our design into the best possible solution for the Kirsehir plant. The automation will help Petlas

to enhance its market position as a leading tire manufacturer and distributor and we look forward to working on future automation projects with the company.”

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About Cimcorp

Cimcorp Group – part of [Murata Machinery, Ltd. \(Muratec\)](#) – is a leading global supplier of turnkey automation for intralogistics, using advanced robotics and software technologies. As well as being a manufacturer and integrator of pioneering material handling systems for the tire industry, Cimcorp has developed unique robotic solutions for order fulfillment and storage that are being used in the food & beverage, retail, e-commerce, FMCG and postal services sectors. With locations in Finland, Canada and the United States, the group has around 300 employees and has delivered over 2,000 logistics automation solutions. Designed to reduce operating costs, ensure traceability and improve efficiency, these systems are used within manufacturing and distribution centers in 40 countries across five continents. For more information, visit www.cimcorp.com.

About Petlas

Founded in 1976, Petlas Tire Corporation has operations in 98 countries worldwide and employs 2150 people. The company’s plant in Kirsehir currently has the capacity to produce 8 million PCR (passenger car radial) tires, 2 million agricultural tires, 500,000 TBR (truck & bus radial) tires and 300,000 OTR (off-the-road) tires per annum. For more information, visit www.petlas.com.

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