

Equipment for heat treatment of **aluminium automotive suspension parts**

As established manufacturer of heat treatment systems for light-weight automotive components whose success spans several decades, schwartz GmbH is about to present its innovations in heat treatment equipment technology for aluminium components at Aluminium 2016.



The trend in automotive engineering is towards increased vehicle safety and, increasingly, lower vehicle weights in order to save fuel while cutting CO₂ emissions at the same time. As far as suspension systems are concerned, weight reductions are achievable mainly through the use of aluminium components.

As a company dedicated to enabling automotive manufacturers and suppliers to maximize production efficiency, schwartz has introduced a number of technical innovations on equipment delivered to its customers.

In addition to reduced power consumption and lower emissions

at the operator's site, schwartz technology offers a host of further advantages such as, e. g., furnace casings ensuring leak-tightness and hence, low energy losses for many years; universally suitable conveyors for different component shapes; accurate positioning to facilitate automatic loading and unloading; air guide systems adaptable to the specific product; ultra-close temperature tolerances on the product exit side through the use of air knives; and exceptionally durable, rugged conveyor chains, deflection shafts and sprockets with tensioning devices to minimize wear.

schwartz GmbH

Hall 10 / Booth G-35