



PULSE LINE FOR AIRBUS IN SAINT-NAZAIRE



PULSE LINE FOR AIRBUS SINGLE-AISLE FAMILY IN SAINT-NAZAIRE (FRANCE)

At the end of 2011, MCE was commissioned to build a new equipment line for the A320 family (A318-A321). With its opening in January 2013, aero planes are for the first time being fitted with technical interior equipment using the flow principle at Airbus France. For the client, this means a significant competitive advantage and an optimized utilization of their existing production hall capacities.

As a result of the installation of the MCE Pulse Line, 14 work stations are now available instead of the original 10 stations.

The cycle jigs – an important component of the system – are designed in such a way that all work on the aero plane's interior can be carried out in line with the latest ergonomic and safety-related requirements.

The main emphasis of planning was on the development of a cycle jig that can accommodate the range of the A320 family (A318-A321) and ensure an optimised material flow.

The scope of services rendered by MCE consisted of the planning, manufacturing, setting up and putting into service of the entire system, including the electrical, mechanical and pneumatic components.

The biggest challenge in the area of planning and setting up lay in the gradual replacement of the production line by the Pulse Line without disrupting ongoing operations. In this way, a smooth transition from conventional production to an optimized flow line was ensured.

The commencement of production on 2 January 2013 marked the successful completion of a – in every respect – challenging project.

With this project, MCE installed its third flow line unit for its client, Airbus.

Facts & Figures:

Total weight:	550 t	Customer:	AIRBUS Operations SAS
Weight of cycle jig:	25 t	Project period:	2011 - 2013
Length of Pulse Line:	110 m		