



- 1 Algunos ejemplos de estaciones y gradas
Some examples of Working Stations
- 2 REDUCTIA AEROSPACE está formada por cuatro empresas
REDUCTIA AEROSPACE is formed by four companies
- 3 Algunos ejemplos de útiles de encintado y curado
Some examples of curing and Lay up Tools



Actividad - Activity

REDUCTIA AEROSPACE es una sociedad formada por un grupo de 4 empresas unidas cuyo objetivo principal es ser suministradores de Nivel TIER 1 de utillaje aeronáutico, capaces de fabricación "llave en mano" y soluciones a medida para la industria aeronáutica del utillaje.

Reductia está especializada en todo tipo de utillaje aeronáutico. Incluyendo diseño, fabricación, y puesta en marcha) de todo tipo de tecnología incluyendo:

Útiles de encintado y de colocación de fibra, moldes para compuestos, útiles para realizar con conformado en caliente, útiles de montaje, plantillas y útiles de taladrado, útiles de tecnología RTM, Útiles de Pegado, Útiles de Volteo, Modelos Master, útiles de verificación y control etc.

REDUCTIA AEROSPACE is a society formed by the joint venture of four companies whose main objective is to become supplier TIER 1 for aeronautical tools, capable of supplying turnkey manufacturing and tailored solutions for the aeronautical tooling industry.

Reductia is specialized in manufacture of all kinds of aeronautical tools (including design and manufacture and commissioning) of all type of technologies, such as:

Fiber Placement Lay-up Tooling, Composite Moulds / Hot Forming Tooling, Composite Curing Tooling, Auxiliary Toolings, Assembly jigs, Drilling Templates and jigs, RTM Tooling, Co-bonding / Gluing Tooling, Automated Turn-tables, Master Models, Testing Tooling and control devices, etc

Capacidades tecnológicas *Technological Capabilities*

Reductia cuenta con cuatro fábricas totalmente operativas, cada una de ellas con capacidad para realizar diseño, fabricación y puesta en marcha de utillaje aeronáutico, tanto de forma individual como en combinación entre ellas con coordinación desde la base de Getafe

Reductia has four factories completely operatives, each of them capable to perform design, manufacture and commissioning of aeronautical tools, in an autonomous way (only one site) as well as in a combined process (two to four factories) with coordination from Getafe base.

REDUCTIA AEROSPACE

✉ Joaquin.urbina@reductia.es

☎ +34 91 277 23 89

👤 Joaquín Urbina

www.reductia.es

👤 Principales clientes

Main Customers

- Airbus Spain (Illescas & Getafe plants), Airbus Germany (Stade plant) and Airbus France (mainly Toulouse, St Nazaire and Nantes Plants)
- Airbus Defense (Cadiz & Seville plants)
- Embraer (Evora Plant)
- Bombardier (Belfast Plant)

🏗️ Principales proyectos

Main Projects

- STATIONS AND JIGS (GROO)
 - AIRBUS A350 Wing Upper Cover Tool Preparation Stations (Stade & Illescas)
 - A400M STA50 & Sta60 Empenage & Fuselage Integration Platform (Seville)
- ASSEMBLY TOOLS AND JIGS (MTOO)
 - A380 T. Box. Assembly Tooling, A380 Bulkhead. Assembly Tooling, A320 HTP Assembly Jig
 - A400M Station 700, Fuselage Integration Platform
- HOT FORMING TOOLS (MDPP)
 - A350 XWB HF S19 Omegas
- TRANSPORT TOOLS AND JIGS (TSOO)
 - A350 XWB HTP Carve out transport jigs – (Cat B Nantes), F1 TRANSPORT for parts S19 (Illescas)
- LAY UP AND CURING TOOL (UTILES DE ENCINTADO Y CURADO)
 - 6 Uds .A350 S19 Barrel V900 and V1000 (Illescas), 5 Uds. A350 Keel Beam Lower Panel V900 & V1000(Nantes)
 - A350 Fuselage S16/S18 Upper Shell & Lower Shell V 1000 (Airbus Stade), BOMBARDIER Global 7000 H Stab Skin OML Mould Tool (Belfast)
- MANDRELS
 - SATELLITE PANEL FP MANDREL, UNECA Fiber Placement mandrel, A380 Fan Cowl FP mandrel
- STRINGER CURING TOOLS
 - A350 XWB SCT Wing v900 & v1000
- CURING TOOLS RTM (PETR)
 - ALCAS Rib 5 RTM tooling, RTM Demonstrator tool Beam CUT-OUT A350 V1000, A380 Frame RTM tooling, RTM BEARING RIBS A350, A350 Cut Out Beam RTM tooling
- DRILLING TOOL - (TLPL)
 - Airbus A380 Station for drilling and riveting at Getafe, A340 HTP Drilling support
- TRIMMING TOOL - (RCOO)
 - AIRBUS A350 Bam6-Clamping System Stade
- VOULTING TOOL / TURNING STATION
 - AIRBUS A380 Spars Assembly, turning tool, A380 Flex. Rudders Turnable rack, A320 Turning Rack Tools & Modular Systems Skins HTP
- CHECKING FIXTURE & CONTROL DEVICES (VEOO)
 - Checking Fixtures Ebraer E2 (Evora)

EUROPA

ESPAÑA (Oficinas centrales)

Calle Miguel Faraday 20, 2ª pta, 201-B
Getafe (Madrid)

INTERNATIONAL
Paris Air show