

Our Capabilities

	Design and Manufacture	Maintenance, Repair & Overhaul	Build to Print	Testing	Obsolescence Management	
Mechanical Engineering	Bead blasting		✓			
	Bonding	✓	✓	✓		
	CAD (2D & 3D)	✓				
	Calibration		✓		✓	
	Coating					
	- Cad Plate		✓	✓		
	- Alocrom 1200		✓	✓		
	- Anodise		✓	✓		
	Component obsolescence				✓	✓
	Environmental screening					
	- Humidity	✓	✓	✓	✓	✓
	- Temperature cycling	✓	✓	✓	✓	✓
	- Temperature shock (-70°C to +200°C)	✓	✓	✓	✓	✓
	- Vibration (Random; Sine sweep; travel max. 50mm)*	✓	✓	✓	✓	✓
	Heat treatment		✓	✓		
	Jigs - tools & fixtures	✓	✓	✓		✓
	Mechanical assemblies					
	- Mechanical	✓	✓	✓		✓
	- Electro-mechanical	✓	✓	✓		
	Mechanical capabilities (Turning, Milling & Grinding)	✓	✓	✓		✓
	Mechanical test (Flow test, Hydraulic tests (up to 160 Bar), NDT)	✓	✓	✓	✓	
Painting		✓	✓			
Sand blasting		✓	✓			
Electrical Engineering	Cabinet wiring & looming	✓	✓	✓	✓	✓
	Cable Assemblies (Cable & Harness)	✓	✓	✓	✓	✓
	CAD					
	- 2-D & 3D	✓				
	- Gerber Data Pack	✓				
	- Schematic design	✓				
	Calibration					
	- Test equipment		✓		✓	✓
	- Test sets	✓	✓	✓	✓	✓
	Component obsolescence				✓	✓
	Environmental screening					
	- Humidity				✓	
	- Temperature cycling				✓	
	- Temperature shock (-70°C to +200°C)				✓	
	- Vibration (Random; Sine sweep; travel max. 50mm)*				✓	
	Harness	✓	✓	✓	✓	✓
	In Circuit Testing (ICT)				✓	
	Power Control & Monitoring (Conditioning)		✓	✓	✓	✓
	Panel wiring	✓	✓	✓	✓	✓
	PCB					
	- Flex	✓	✓	✓	✓	✓
	- Flex-rigid	✓	✓	✓	✓	✓
	- Low Volume / Prototyping	✓	✓	✓	✓	✓
	- Multi-layer	✓	✓	✓	✓	✓
	- Surface-mount technology	✓	✓	✓	✓	✓
	- Through-hole technology	✓	✓	✓	✓	✓
	Precision coil winding (transformers, chokes)	✓	✓	✓	✓	✓
Power Distribution	✓	✓	✓	✓	✓	
Power Management	✓	✓	✓	✓	✓	
Software						
- Hard coded (Digicon/DECU)	✓			✓	✓	
- Object orientated design (GCIS, DATS)	✓			✓	✓	
- PLC	✓			✓	✓	

* weight limits apply - for more information please contact us
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