



CONTACT US:

**Premier Composite Technologies LLC.**

Dubai Investment Park  
P.O. Box 282777, Dubai UAE  
P: +971 (0) 4 885 2225  
F: +971 (0) 4 885 2244  
info@pct.ae

[www.pct.ae](http://www.pct.ae)



Premier Composite Technologies for Renewable Energy





Premier Composite Technologies, 5-axis milling machine

Dokaa Tower, Mecca, KSA, by Day by Night

### The premier choice for advanced composite solutions...

Premier Composite Technologies is a global supplier and manufacturer of large scale, advanced composite components.

Founded by MD Hannes Waimer in 2006, with over twenty years experience within the Wind Energy, Automotive, Architectural and Marine composite markets, the internationally renowned composite solutions company in Dubai, UAE, is ideally positioned to serve a truly global customer base.

Premier Composite Technologies offers unrivalled expertise in Advanced Composites Construction. Over the past 20 years, the team has undertaken the construction of a large number of projects covering a wide range of complex composite structures focusing mainly on the Marine and Architectural markets.

Large structural composites projects include:

- The largest clock in the world – 35,000m<sup>2</sup> of composite cladding provided by Premier Composite Technologies.
- Medina Haram Piazza, Composite cladding for 250 x 36m<sup>2</sup> Shading Umbrellas provided by Premier Composite Technologies
- Emirates Palace, 118 Outer Domes up to 42m in diameter

The common theme of these structures is that they are realised by using the latest advanced materials, structural engineering and processing techniques.

### Premier Composite Epoxy Structures

The successful creation of large, high quality epoxy composite structures requires specialist knowledge of structural design, materials technology, engineering and processing.

Premier Composite Technologies is in the unique position of possessing all of these disciplines in their design and manufacturing centre in Dubai Investment Park where they have extensive experience in the following production techniques:

- Vacuum Consolidated Wet Layup
- Resin Infusion
- RTM (Resin Transfer Moulding)
- Prepreg and Autoclave technologies
- CNC Produced Tooling

### Expanding Facilities

Phenomenal market growth has also meant that Premier Composite Technologies has expanded its manufacturing facilities to 229,000ft<sup>2</sup>. There are designated zones for production, assembly and carpentry as well as metal and tiling workshops. This integrated facility also includes:

- The largest (28m) 5-axis, CNC milling machine in the UAE
- High performance CAD/CAM systems for precision tooling
- 3 Axis milling Machine
- Waterjet Cutting Machine
- CNC fabric cutting table, ovens and spray booth.

### Technology Partnerships

The dramatic change in the renewable energy market over the past 10 years has demanded a high level of innovation in materials, design and processing. Premier Composite Technologies, in association with their long term technical partners within this field, can provide a competitive advantage.