

In House Facilities

May Newsletter



Delta Design Systems Ltd
Based in Tendring Essex

Our site in Tendring offers a number of facilities, which provide us and our customers with a great variety of tools and the means to fulfill many possible requirements ...

Test House & 30 Tonne Crane

Our test house is without doubt the envy of many. We have a custom built facility housing a 30 tonne gantry crane, exhaust stack, a safe viewing area for witness testing and removable walls to raise the ambient to simulate tropical temperatures. An outside radiator allows us to test sets supplied with remote radiator.



We can test directly up to 5MVA with our own resistive and reactive load bank and at LV and HV voltages up to 11,000V. A multi-tapped transformer allows us to select voltage 3.3kV, 6.6kV and 10kV, as well as full 11kV.

Dedicated Panel and Rewinds shop.

The panel division of DDSL designs and builds control panels for any application and these include HVAC, Motor Control Centres, LV and HV Switchgear, as well as our own Automatic Mains Failure Panels (AMF) and Automatic Transfer Switches (ATS) with 4-pole contactors, to go with our set building operation as well as third parties.



Our Rewind shop can repair and rewind or refurbish most types of motors, fans, rotating machinery of all shapes and sizes and supplies a wide range of new electric motors.

Mechanical (Welding, Punching and Bandsaw)

To support the activities of the different divisions of DDSL, we have invested in the latest state of the art punching tool, bandsaw and welding equipment. The bandsaw allows us to cut heavy gauge steel section to build our own base frames, fuel tanks and support cradles, whilst the punching tool can punch intricate panel cut outs, copper busbar fixing and connection points, up to 10mm thick material.



Different welding capabilities allow us to weld both heavy and light gauge materials required for the different products, panels and bases.

Contact us or visit us at our website

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