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## **COIL MAKING FACILITIES**

### **Multi-turn Diamond Type Pulled Stator Coils for Generator and Motors**

Maximum Pin-to-Pin Length	-	3300 mm
Maximum Coil Cross-Section	-	90 mm X 25 mm
Maximum Coil Spread	-	1000 mm
Maximum moulded length in the straight portion	-	2500 mm

### **Single-turn Roebel Stator Bars for Hydro and Thermal Generators**

Maximum Coil Cross-section	-	30 mm X 100 mm
Maximum moulded length in straight portion	-	7000 mm

### **Automatic Stator Coil Taping Machine**

Maximum straight portion of coil that can be taped on the machine - 8000 mm

### **Field Coils for Hydro Generators and Synchronous Motors**

Maximum Size of Coil	-	1200 mm (W) X 500 mm (H) X 4000 mm (L)
Maximum Pressure of the Press	-	1000 tons
Maximum Conductor Size	-	100 mm x 12 mm

### **Hot Air Oven with temperature control**

Size of Oven	-	1500 mm (W) X 1500 mm (H) X 6000 mm (L)
Maximum Temperature	-	300 deg C
Heater Capacity	-	30 KW