

High voltage coil manufacturing for turbo generator applications

Sulzer is your global partner with reliable and sustainable solutions for your key operations. You benefit from repair and maintenance services for pumps, turbines, compressors, generators and motors. With one of the biggest service networks comprising more than 100 service centers and more than 3'600 employees worldwide we are always close to you.

Maximizing the efficiency of your turbo generator

From the purpose-built, comprehensively equipped coil manufacturing facility at the Birmingham service center you receive high voltage stator coils and bars designed to match or exceed existing efficiency levels.

Using bespoke generator modelling and coil design software systems, we are able to design and manufacture stator bars to the highest standards of performance. Maximum efficiency and life expectancy are key for your business. We often combine these key factors with significant improvements on the original design.

Sulzer offers stator bars and coils for both aftermarket repair applications and new unit production.



- Maximized efficiency
- Increased lifetime
- Fast delivery



Manufacturing capabilities

- Latest computer controlled heated hydraulic presses with slot pressing capacity up to 7 meters (24 feet) ensure perfect slot fit even on largest coils
- Extensive stock of continuously cast soft copper rod guarantee meeting your delivery demands
- Complete insulated bars or formed and pressed sections, all aspects are available

Technical features

- Roebel transpositions up to 540 degrees
- Fully cured or flexible end windings
- Resin rich or VPI systems
- Full compliance with original manufacturers' specifications
- Individual sets of bars for new unit production

Your partner

- Sulzer offers a single source solution for maintenance and repair of turbo generators including turbine, compressor and generator
- Full maintenance solutions customized to your plant needs
- Routine and emergency repair and overhaul, either on site or in our dedicated workshops

