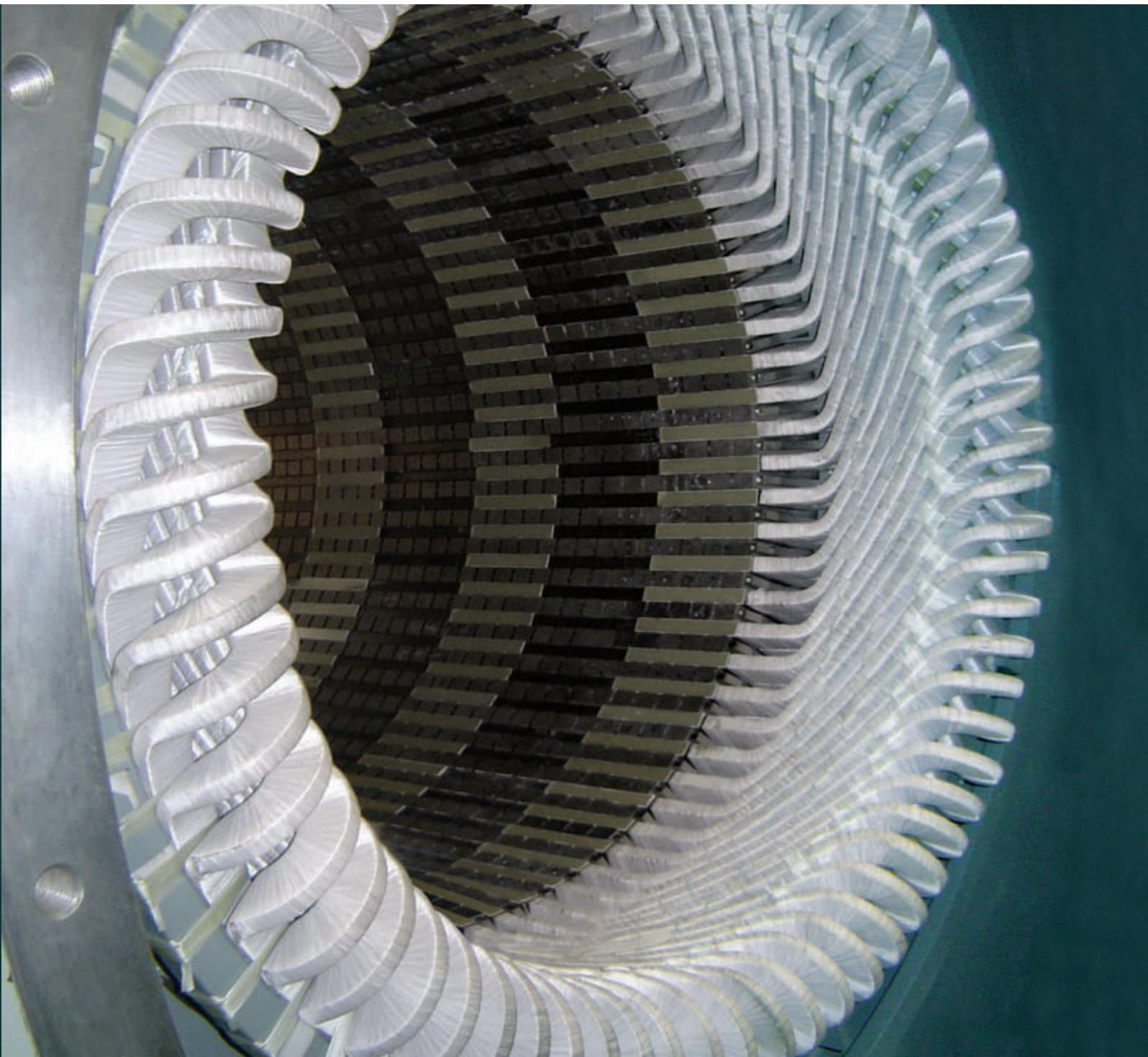


Coil Manufacturing

Integrated engineering services for Coil manufacturing



Speed – Reliability – Quality

From our purpose-built, comprehensively equipped facility, at Sulzer Dowding & Mills we provide a highly efficient and dependable coil manufacturing and supply service.



Pre-production support includes **computer aided design** and a large database of coil winding information. This enables us to check existing designs, re-design for improved performance and to produce production drawings and process instruction sheets automatically.

This together with the high level of investment in advanced production technology, enables us to offer a fully

integrated system capability – serving to maintain and enhance the Company's reputation for high quality and rapid service.

The Company's whole operation is backed by the commitment to quality of our dedicated, highly experienced and enthusiastic work force. It is this combination that has gained Sulzer Dowding & Mills worldwide recognition and has made the company the first choice for those seeking coils of outstanding quality supported by good, reliable service.



No Delay

Extensive stocks of continuously cast soft copper rod guarantee our ability to meet your demands immediately.

Service second to none

Complete with both in-line and pot annealing facilities, our in-house highly sophisticated copper rolling mill enables us to offer a round the clock coil

manufacturing capability, with an incredibly short lead time of less than 5 hours on any size of copper strip.

Consistent Quality

Our plant combines technically advanced conductor taping machines to achieve the high speed production of high quality, uniformly taped sectional and round conductors.



Vast Range Capability

Our longest looping machine is capable of producing a coil loop with a mean length of 7+ metres (24 feet).

Other machines complete the range down to the smallest possible requirements.

Geometric Design Control

Formed coils are produced on automatic shaping machines, ensuring consistent geometry and coil fit.

Depth of Control

Coils with very deep overhang drops are produced quickly and with extremely accurate geometric control on special purpose shaping machines.

The facility offered by having many such machines in-house ensures that the fastest possible production is achieved.



Speed and Accuracy

Perfect lapping and consistent tension guarantees the built-in security of coil insulation.

Precision in Pressing

A full range of electrically heated hydraulic presses guarantee highly accurate size and consistent control of pressed coil sides – ensuring a perfect slot fit.

Controlling Quality

Extensive and exacting quality assurance checks are carried out on all coils to ensure the pressed slot section is both fully cured and within dimensional tolerances.



Testing for Perfection

In our dedicated test facility, all coils undergo stringent tan-delta and impulse tests to ensure that all relevant electrical specifications are met in full.



Safe and Secure Shipment

All packaging and transportation of our products has to pass stringent quality controls. This practice ensures that the care we have taken in manufacture is in no way compromised en route to the customer.



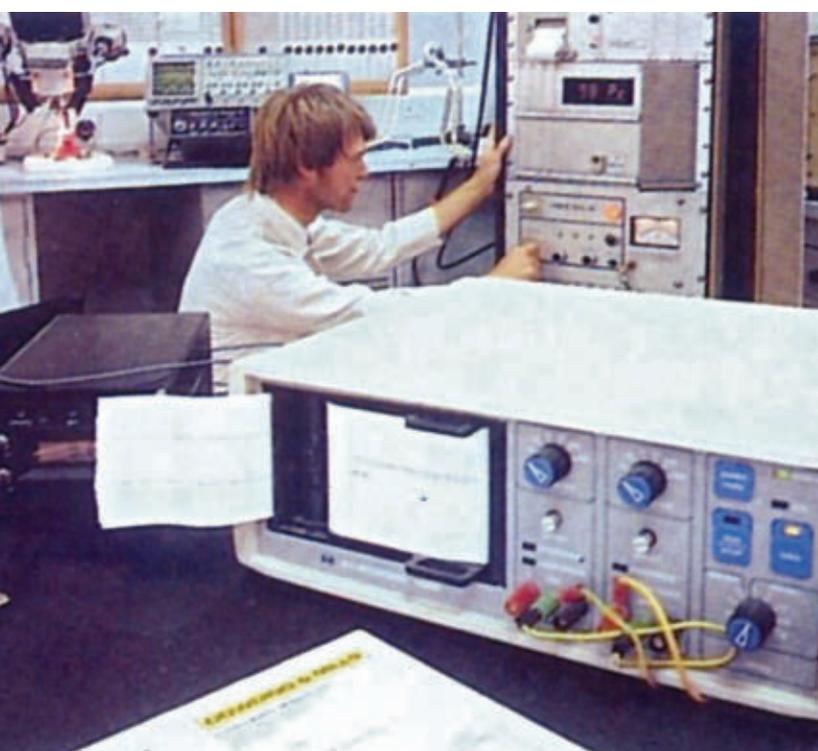
Quality Assured

The coil making process is controlled throughout by strict adherence to our QA system which is assessed, approved and regularly audited by our major clients, as well as by the British Standards Institute.

We are registered with BSI as a Firm of Assessed Capability to BS EN ISO 9001:2008 on registration numbers FS 555 and FM 1099.

On Site

Many ranges of diagnostic testing equipment are fully mobile, enabling us to carry out predictive maintenance programmes on-site at the customer's premises.



Diagnostic testing

In-House

Diagnostic testing procedures ensure that the newly-wound stator meets all relevant specifications in full and is fit to go 'on line' immediately. The test report further acts as a source of data to which all future health monitoring can be related.



A view of the Coil Shop Incorporating a wide selection of Diamond Coils and Generator Bars.

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We never ever close - for all formed coils

