



**Perfect Current Transmission in Industry**

carbon products & supplies for industry

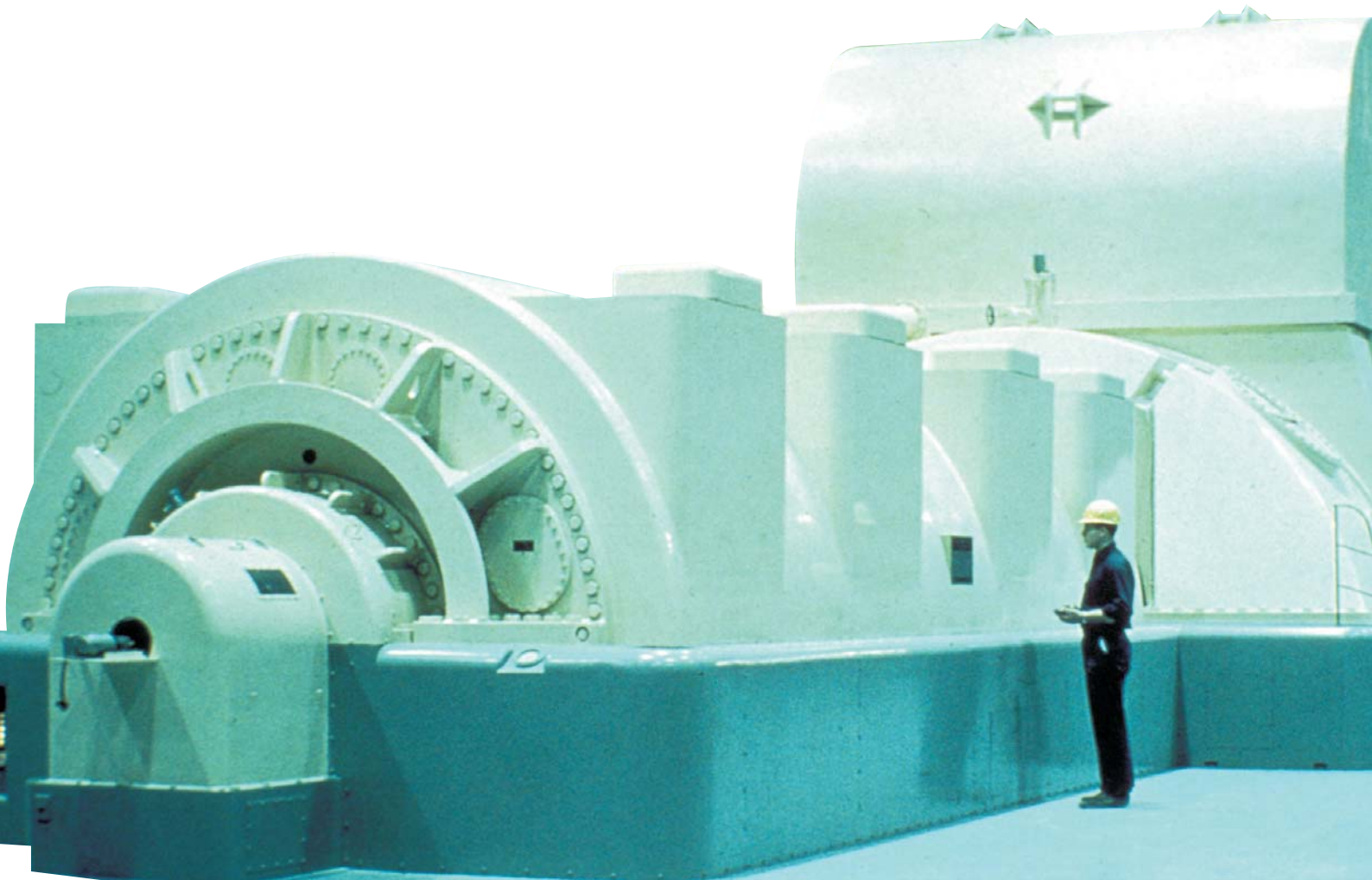
**Carbonex**<sup>®</sup>

# Perfect Current Transmission in Industry

## Top Quality Products for the Manufacturing Industry – the Highest Market Acceptance

Carbonex has been developing and manufacturing top quality products in the areas of motor and contact technology for industrial applications for almost 37 years. Many kinds of carbon brush holders, brush rockers, small current collector strips and current transmission elements can be found, for example, in:

- Metallurgical plants and rolling mills
- Power plants
- Ship and port facilities
- Handling and conveying engineering
- Measuring technology
- Electroplating equipment
- Wind power generators
- Plastics industry
- Wire industry
- Paper industry



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## Brush Holders and Brush Rockers

Carbonex has developed several hundred different models of brush holders and rockers for use in generators and motors. Carbonex is one of the only suppliers in the world that can deliver nearly all kinds of holders or manufacture them at short notice.

Customized and specialized products are no problem for us either. Operators and manufacturers of electrical machines know that they can count on Carbonex, and that they will also be able to continue doing so in future.



*Carbonex brush rockers ensure good contact of the brushes to the collector*



*Small current collector by Carbonex: Precision in current transmission to mobile power consumers*



*Industrial carbon brushes: Top quality and long life*



*Tandem brush holders guarantee excellent commutation*

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## **Carbonex Carbon Brushes – Products for any Application**

Carbonex contact products enjoy a distinguished reputation among industrial manufacturers around the world. Our materials for carbon brushes, carbon, graphite and various metals, combine excellent electrical and heat conductivity with a high level of temperature resistance.

For extreme conditions such as large power surges, idle speed and low load operation, aggressive gases and vapors, ambient temperature, oil mist, high concentrations of dust or ashes and high humidity Carbonex offers adapted components.

Carbon brushes with high percentages of metal provide perfect current transmission, even under the toughest operating conditions, for example in metal refinement processes. This perfection, together with our friendly customer service, are the reasons that many leading industrial manufacturers rely on Carbonex products for their electrical contact needs.

# Perfect Current Transmission in Industry

## Active Development Partner – High Customer Satisfaction

In the field of current transmission, we work as active development partners. In many projects we are able to implement our special materials know-how at an early stage, to the benefit of our customers. By working intensively together with our customers, we ensure a high degree of efficiency and customer satisfaction. We constantly strive to lengthen the usable lifetime of our products, as well as to minimize machine down time and reduce operating costs.



*Carbon brush with a diagonal unning surface slot and outstanding current transmission properties*



*Coating companies rely on high quality Carbonex products for aluminum anodizing*



*Carbonex carbon brushes provide a current transmission of more than 40,000 amperes*



*Carbonex's acid resistant insulation achieves a significantly longer product life than ordinary solutions*



[www.carbonex.gr](http://www.carbonex.gr)

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