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Кемерово (3842)65-04-62  
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Липецк (4742)52-20-81

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Новокузнецк (3843)20-46-81  
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Оренбург (3532)37-68-04  
Пенза (8412)22-31-16

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Сочи (862)225-72-31  
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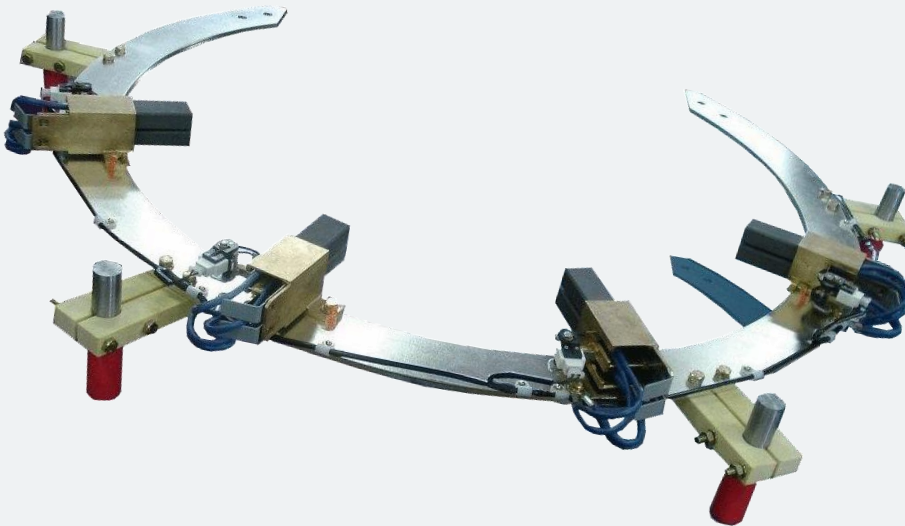
Казахстан (772)734-952-31

<https://mersen.nt-rt.ru/> || [mnh@nt-rt.ru](mailto:mnh@nt-rt.ru)

## SLIP RINGS & BRUSH ROCKERS

ZOOM

COMPLETE ENGINEERING  
SOLUTIONS  
FOR HYDRO POWER  
GENERATORS



### KEY FEATURES IN A MODULAR CONSTRUCTION

Slip ring diameters up to 2,500 mm (98 inches)

Rocker ring diameters up to 3,000 mm (118 inches)

Rings manufactured from forged steel, low carbon steel, stainless steel, bronze

Insulating materials approved by OEMs: mica, fiberglass

### OEM approved solutions

Designed in cooperation with major OEMs, Mersen's slip ring assemblies and rocker rings are fitted to the world's largest hydroelectric generators.

### COMPLETE SOLUTIONS WITH PARTS THAT COMPLEMENT EACH OTHER'S PERFORMANCE

The performance of your electrical equipment depends on the efficient interaction of components such as slip ring assemblies, brush-holders and carbon brushes

The Mersen engineering teams have the know-how to analyze and (re)design products to take into account all the environment, mechanical and electrical variables.

### FOR ASYNCHRONOUS AND SYNCHRONOUS GENERATORS

MERSEN PROPERTY

## SLIP RINGS

Providing the dynamic interface between the rotating parts and the static parts in order to transfer electrical current, they are proven to be one of the most critical parts that affect the brush performance.

It is therefore essential to design them while considering both the electrical and mechanical requirements, as well as operating environment parameters, while also keeping in mind the customer's final needs.



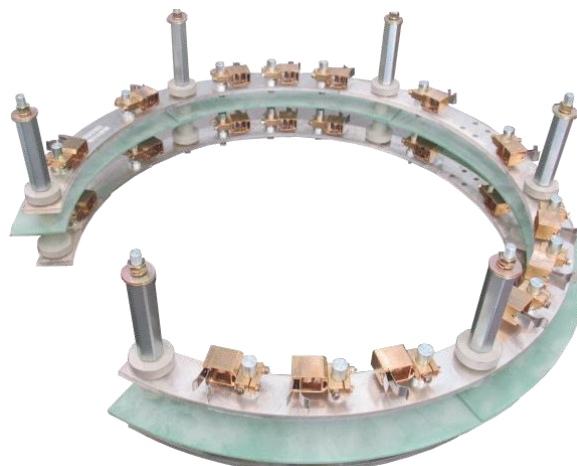
1,600 mm diameter steel slip ring

## Efficient controls for flawless production

- ✓ Megger and Hi-pot test up to 60 KV during assembling and after machining
- ✓ Ultrasonic test to guarantee the material integrity

## BRUSH ROCKERS

Fitted with the brush-holders, they are important in maintaining brush stability on the slip ring.



Brush rocker

## SLIP RING REFURBISHMENT

Entrust Mersen with the refurbishment of your slip rings to improve the performance of your equipment!



BEFORE REFURBISHMENT



AFTER REFURBISHMENT

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