CABLES FOR CONSTRUCTION MACHINES





TRADITIONAL FAMILY BUSINESS

SINCE 1947

Cables for construction machines

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Family business in the third generation

years of experience in cable and wire manufacturing as well as in temperature measurement technology turned a $m{
m J}$ one-man business into a company with more than 550 employees. We prove our strength every year with more than 1500 special products according to customers' requirements. Each product is a new challenge for our creative technical team. We at SAB see ourselves as a manufacturer and a service provider - in the sense of true partnership and the greatest possible customer orientation.

Today, the quality of our products is known and appreciated in more than 100 countries around the world. In all product ranges, we are certified according to DIN EN ISO 9001. Furthermore, we have implemented an environmental management system for our company according to DIN EN ISO 14001, an occupational health and safety management system according to DIN EN ISO 14001 and DIN ISO 45001, and an energy management system according to DIN EN ISO 50001.

And also for the future, our slogan is: "WE CONTINUE!"

FOUNDED:	1947 by Peter Bröckskes sen. an independent, medium-sized company.
CEO:	Peter Bröckskes and Sabine Bröckskes-Wetten
PLANT/LOCATION:	In Viersen (Lower Rhine) 110.000 m ² company site.
	Own manufacturing from copper conductor to outer sheath.
	VDE proved burnchamber and laboratory within the company.
EMPLOYEES/WORKERS:	Approx. 430 at the plant in Viersen, 550 worldwide
YEARLY SALES:	Approx. 95 Mio. € worldwide
PRODUCTS:	Special Cables
	Measurement Technology
	Cable Harnessing
CERTIFICATES	

AND APPROVALS:













Quality management system acc. to DIN EN ISO 9001 for every manufacturing field

Environmental management system acc. to DIN EN ISO 14001

Occupational health and safety management acc. to NLF/ILO-OSH and DIN ISO 45001

Energy management system acc. to DIN EN ISO 50001



Development and production

SAB BRÖCKSKES – your specialist for cables in construction machines

The requirements on construction machines whether road finisher, tunnel or mine vehicles, earth movers or cranes regarding automatic functioning, data networking and electronic drive systems are growing. SAB is a competent partner for development and production of cables that make construction machines safer and more efficient. We can trust on already existing products for data and power transmission or design together with our customer tailor made solutions for hybrid cables acc. to his special applications. You can trust on our 75 years of experience in cable construction to create the best connection for you.

Flexible, robust, efficient and appropriate for your individual requirements.

Please contact us directly: ceq@sab-broeckskes.de



ww.sab-cable.com

Production possibilities

Flexible cables and wires "Made in Germany"

As a leading manufacturer we develop and produce cables for industrial purposes.

Our wide range of materials offers a lot of possibilities for your individual product requirement.

The following survey shows an extract of our production possibilities:



Measuring technology for industrial applications

Manufacturer of temperature sensors for industrial applications with 75 years of experience!

- ✓ mineral insulated thermocouples
- √ mineral insulated resistance thermometers
- √ temperature sensors
- ✓ mobile high voltage measuring technology
- temperature sensors for vehicle testing



Product overview

Cable Track Cables



Reeling Cables

Bus and **Ethernet Cables**



ETFE, FEP, PFA Strands



Exploration Line



High Voltage Cables



Special and **Hybrid Cables**



Applications

The S 200 series is the allrounder for demanding environments and permanently flexible applications as for example:

- crane technology
- articulation points
- telescopic boom
- aerial work platforms

Application in spring and motor drums as for example:

- construction lifts
- crane boom
- mobile cranes
- material handlers

CAN Bus, Profibus and Ethernet cables for machine communication as for example:

- advanced driver-assistance systems
- autonomous driving
- - monitoring systems
- Wiring strands for high temperature requirements and chemical resistances as for example:
- road paver
- cold milling machines
- earthmoving machines

Outstanding features

- oil resistant, cross-waterproof
- travel > 10 m is possible
- + high abrasion resistance
- small bending radius and small outer diameter
- + unprotected outdoor installation
- extremely high winding and unwinding strength
- small outer diameter
- small cable weight
- suitable for offshore applications
- + high tensile strength
- + high notch resistance
- suitable for cable tracks
- suitable for mechanical stress
- + hybrid cables possible
- + very good temperature resistance
- flexibility at low temperatures
- good electrical insulating characteristics
- + very good resistance against solvents
- + very good resistance against chemicals
- + UV- resistance
- + ozone resistance
- + saltwater resistance
- + large temperature range
- Control cables for the unprotected application
- with high mechanical stress as for example:
 - drilling rigs
- pump systems
- compressors

Cables according

of our customers.

to the special requirements

can be realized

- Besilen® (silicone) insulated connection cables
- E-Mobility HV test benches
- all-electric construction machinery

for all construction machines

- weather resistant
- + flexible at low temperatures
- flame retardant and self-extinguishing
- t very easy laying
- suitable construction for different applications acc. to your requirements
- + among others a combination of data and control elements
- after sales protection
- marking acc. to customer specification
- tore and sheath colours acc. to customer request

Detailed data sheets you will find our homepage under:

https://www.sab-cable.com/cables-wires-harnessing-temperature-measurement/industrial-cables-and-wires/cables-for-construction-machines.html







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