



HULANICKI BEDNAREK sp. z o.o.

**PROFESSIONAL
SOLUTIONS
SWITCHGEAR
SYSTEMS**



HULANICKI BEDNAREK sp. z o.o.

HULANICKI BEDNAREK Ltd is a modern, family-run enterprise with 100% Polish capital. The company is a major manufacturer of high quality electrical power equipment. Our extensive experience broadened through completion of numerous switchgear projects, continuous learning process and marketing research allowed us to introduce our own low voltage switchgear and power cubicles design solutions.

Historical outline and plans for the future

- 1982** launching of local services in lubelskie province
- 1986** launching of enclosure manufacturing and expansion onto entire Polish market
- 1991** implementation of the first professional machines and development of corrugated steel sheet technology
- 1997** construction of a modern production hall
- 2001** certification and launching production of proprietary switchgear systems RNWBH'00 & RNWBH'01; implementation of ISO 9001:2001 quality management system
- 2002** launching of AMADA production line – developing of production set-up based on computer software



Mission

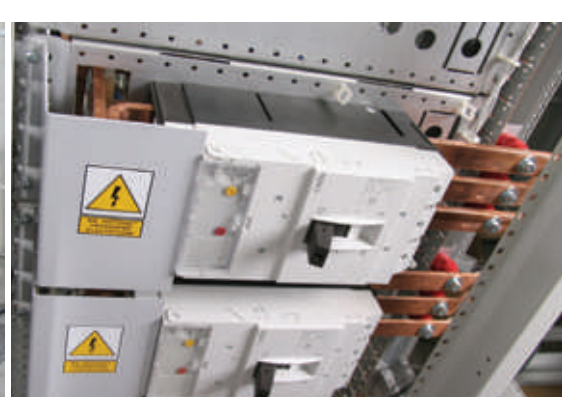
*... there is a company and a product
that both satisfy the needs of every customer ...*

Our mission is to provide our customers with the most excellent solutions in power distribution.

Using our know-how, experience and the most advanced techniques we design, construct and help maintain low voltage switchgear systems providing power to various facilities.

Our products are based on top quality switchgear featuring licensed solutions as well as our own technology which is under continuous development.

- 2003** expansion onto Ukrainian market – our products are certified for sale and use in Ukraine
- 2004** expansion of the production line - certification and licences for MODAN and xEnergy switchgear systems
- 2005** developing of *HABeR-energia* proprietary product range
- 2006** establishing of technical support and trading offices in Cracow and Warsaw
- 2007** the company celebrates its 25th anniversary and we undergo an audit to confirm full compliance with AQAP 2110:2006 and ISO 9001:2001 Quality Management Systems
- 2007/10** consistent implementation of Company Development Strategy – opening of new technical support and trading offices and initial public offering of company shares on Warsaw Stock Exchange

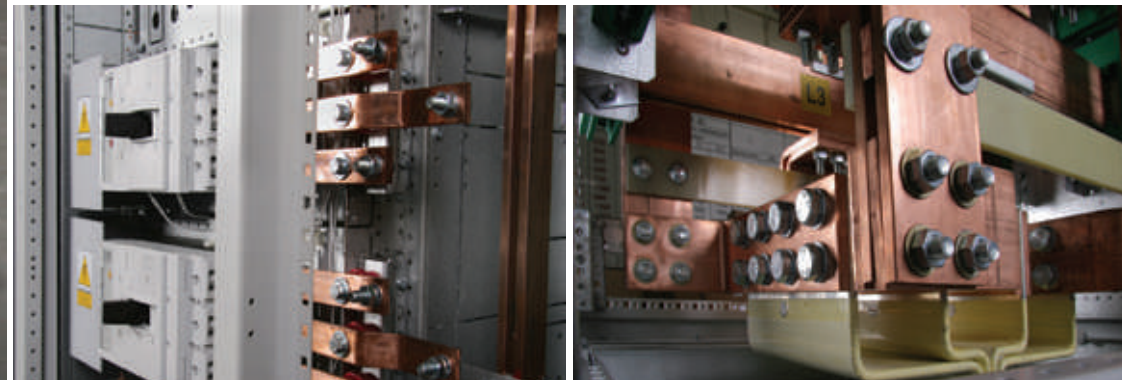




Our resources – solutions you can trust

PRODUCTION CAPACITY – FACTS

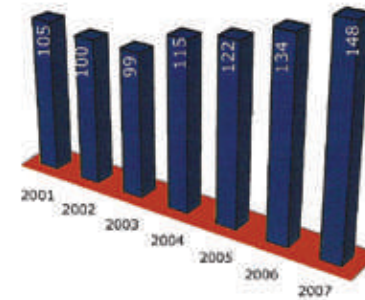
- Share capital of 3,052,000 Polish Zloties
- Production area of 2,500 sq metres (26,900 sq ft)
- AMADA machine park for sheet processing
- Advanced powder painting line
- Professional machines for processing of copper busbars
- Own transport fleet



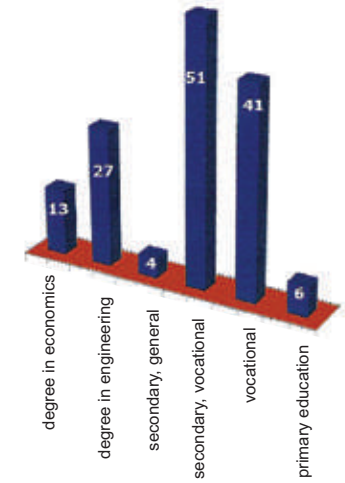
COMPREHENSIVE AND EFFICIENT SERVICE

- A team of competent engineers, designers, electricians and fitters
- Technical support and trading offices throughout Poland
- Quick quoting and professional technical support
- Comprehensive power distribution system design services
- Technical support and service for our products throughout their life cycle

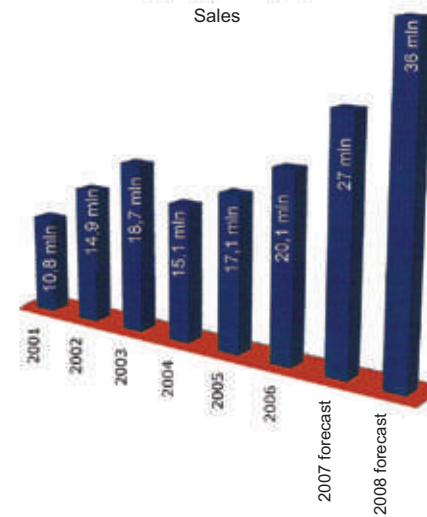
Number of employees



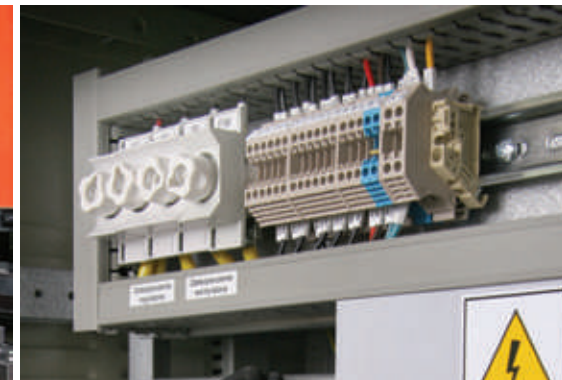
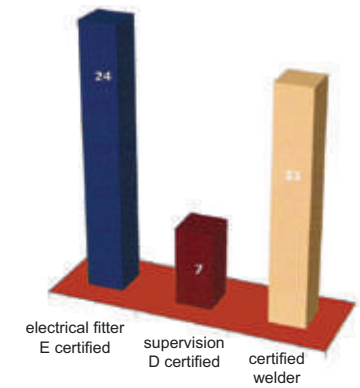
Employees by education



Sales



Number of certified employees



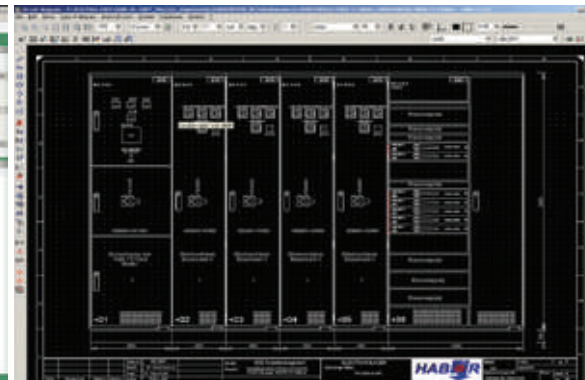
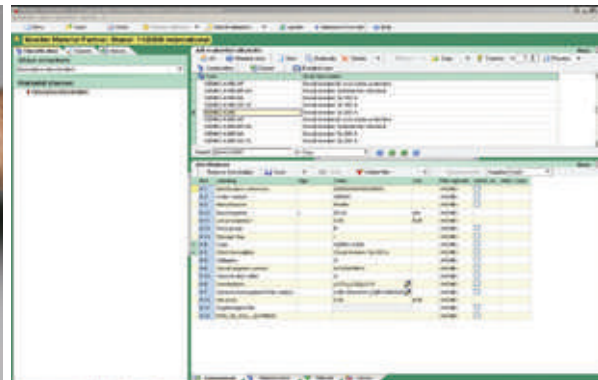
We conquer new markets – with high quality

MODERN, LEAN ORGANISATION

- AutoCAD Electrical & Mechanical, Inventor & Proplan CAD software is our basic tool in switchgear design, development of assembly and as-built documentation as well as day-to-day quoting
- Computer software for managing of customer relations, the offering process, orders and manufacturing

QUALITY ORIENTED STRATEGY

- Our products are subjected to strict quality control regime at every stage of the production process
- We cooperate with renowned equipment and instrumentation suppliers



CERTIFICATES AND LICENSES

- Certificate of compliance with the requirements of AQAP 2110:2006 nr 586/A/2007
- Certificate of compliance with the requirements of PN-EN ISO 9001:2001 nr 586/S/2007
- xEnergy system installation license
- MODAN switchgear distribution and installation license

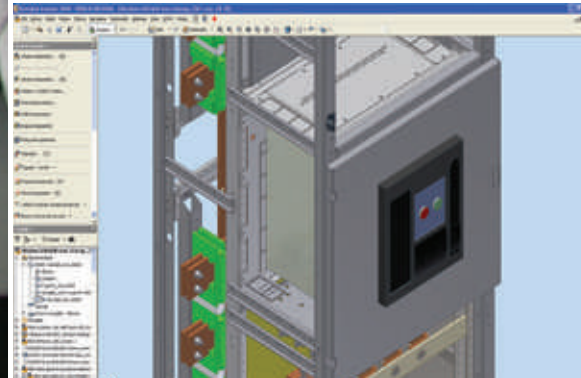




All inclusive solutions – HABeR-energia

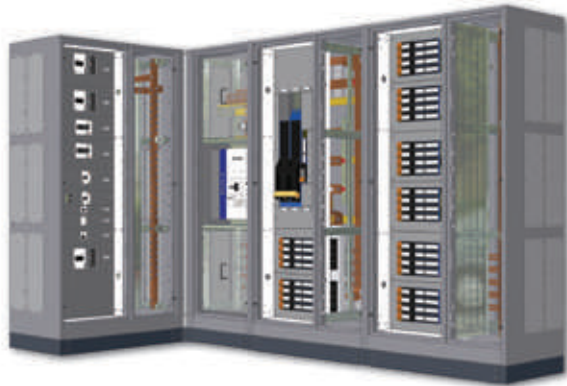
HABeR-L switchgear system with rated current up to 3200 A

- System incorporating power circuit breakers and moulded-case circuit breakers
- Forms of internal separation 2b to 4b
- Degree of protection IP30/31/42
- Primary busbars fitted in the rear at two levels
- TN-C, TN-C-S, TN-S, TT, IT networks
- Compliance with PN EN 60439-1



HABeR-M switchgear system with rated current up to 1,600 A

- System incorporating moulded-case circuit breakers
- Forms of internal separation 2b to 3b
- Degree of protection IP31/43
- Primary busbars fitted in the rear
- TN-C, TN-C-S, TN-S, TT, IT networks
- Compliance with PN EN 60439-1



HABeR-S switchgear system with rated current up to 630 A

- System incorporating moulded-case circuit breakers and SASY60 busbar system elements
- Forms of internal separation 2b to 3b
- Degree of protection IP31/43
- Primary busbars fitted in the rear
- TN-C, TN-C-S, TN-S, TT, IT networks
- Compliance with PN EN 60439-1



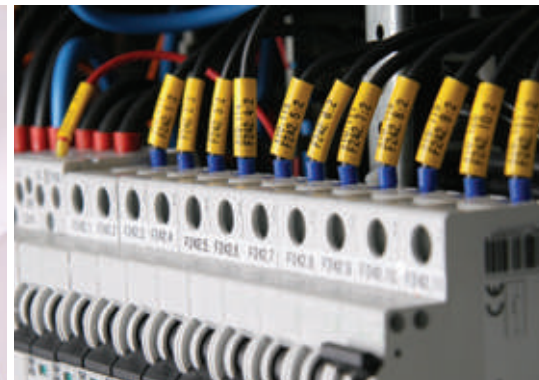
HABeR-BK reactive power compensators

- Free-standing and modular
- with and without harmonic filtering, 7 & 14%
- 6 or 12 stage regulators
- Panel fitting of compensator blocks
- Degree of protection IP30/31/42/54
- TN-C, TN-C-S, TN-S, TT, IT networks
- Compliance with PN EN 60439-1



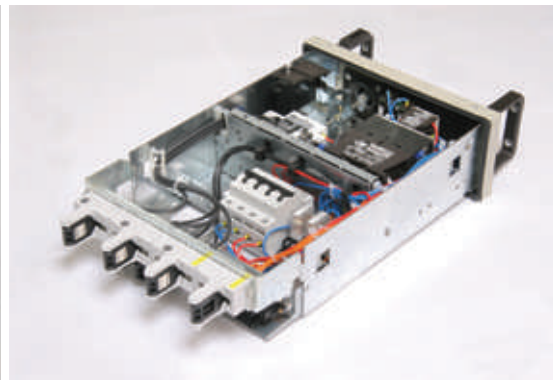
MODAN DTC modular industrial with rated current up to 6300A

- System incorporating plug-in elements and sliding cassettes
- Equipped with ARCON arc short-circuit protection
- Forms of internal separation 1 to 4b
- Degree of protection IP30/31 or IP54
- Primary busbars fitted in the rear
- Full TTA type test
- TN-C, TN-C-S, TN-S, TT, IT networks
- Compliance with PN EN 60439-1



xEnergy switchgear system with rated current up to 4,000 A

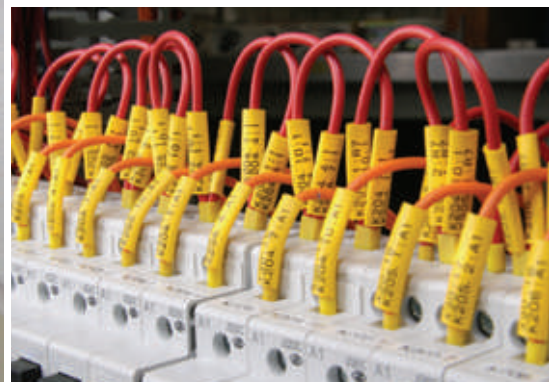
- System using power circuit breakers and moulded-case circuit breakers
- Forms of internal separation 1 to 4b
- Degree of protection IP31 or IP55
- Primary busbars fitted in the rear or at the top
- Full TTA type test
- TN-C, TN-C-S, TN-S, TT, IT networks
- Compliance with PN EN 60439-1





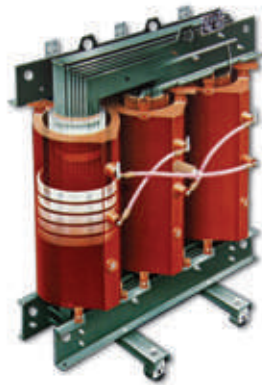
SYSTEM 6 modular medium voltage switchgear system

- Circuit breakers and disconnectors in SF6 insulation
- Rated voltage 12/24/36 kV
- Rated current 400/630/800 A
- Degree of protection IP3X
- Compliance with IEC 289, 265 & 129



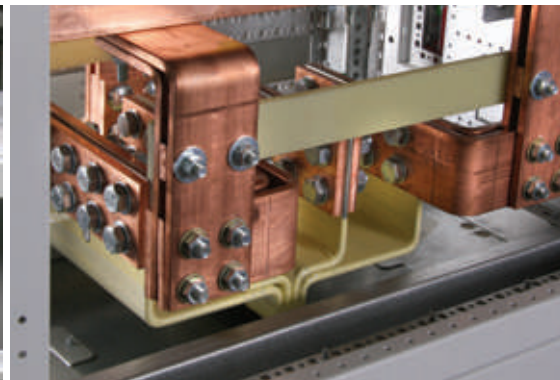
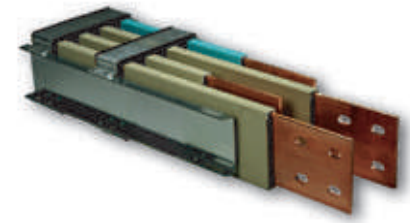
Cast resin dry type transformers

- Power rating from 100 to 3150kVA
- Class F insulation
- Al/Al windings
- Enclosure degree of protection IP00
- Compliance with PN EN 60076, IEC 76 & 726



Busbars

- Rated current from 25 to 6300 A
- Secondary voltage 230/400/500/690/1000V
- Material Al/Cu
- Degree of protection IP42/50/55



Appreciation of our clients

We would like to thank our Customers for their trust. Here are some of the facilities where our switchgear is helping manage power systems.

PRIVATE AND PUBLIC BUILDINGS

- "Galeria Bałtycka" in Gdansk
- "PLAZA" Ahopping Centre in Lublin
- "Silesia City Centre" in Katowice
- "Galeria Kazimierz" in Cracow
- "WILEŃSKA" Shopping Centre in Warsaw
- "Sadyba Best Mall" in Warsaw
- "Wakzał" & "Ukraina" Shopping centres in Kiev
- Sheraton Hotel in Poznan
- Hektor S.A. office building in Warsaw
- Citibank, Warsaw
- Ukraine Ministry of Transportation, Kiev
- Clinical Hospital of the Ministry of Interior and Administration, Warsaw
- Gdansk Philharmonic
- Technical University of Opole
- Diamond Bussines Park, Warsaw

- Pass-Błonie warehouses near Warsaw
- PKOL Olympic Centre, Warsaw
- TSS Wisła Kraków stadium lighting
- University School of Physical Education in Wrocław, Physiotherapy building

INDUSTRIAL BUILDINGS

- Toyota Motor Poland Sp. z o.o., Wałbrzych
- Anwil S.A., Włocławek
- Nitrogen Works, Kędzierzyn Koźle
- Cersanit I, Krasnystaw
- LG Polska Sp. z o.o., Mława
- DVD faktory, Józefosław
- ZPM Tarczyński, Trzebnica
- Z.C. Wedel, Warsaw
- Unilever, Katowice
- KGHM Waterworks, Legnica



HULANICKI BEDNAREK sp. z o.o.

- Bełchatów coal mine
- Jaroszewiec glassworks
- F.S. "Favorit Furniture", Szczytno
- Black Red White
- RR. Donnelly printing house, Cracow
- British American Tobacco, Augustów
- Johnson Controls, Świdnica
- Ugine&ALZ Ltd, in Siemianowice Śląskie
- Metal Works, Kęty

POWER AND COMMUNICATION FACILITIES

- BRE BANK S.A. Data Centre, Łódź
- Main Data Processing Centre, TP S.A., Łódź
- Design and delivery of switchgear for TP S.A., Warsaw, Rzeszów, Biała Podlaska, Chełm, Płock
- IBM Server facility, Warsaw

- International Airport Okęcie Terminal II, Warsaw
- Balice International Airport, Cracow
- Plewiska transformer/switching station near Poznań
- Kozienice Power Plant
- Bełchatów Power Plant

ENVIRONMENTAL PROTECTION FACILITIES

- "Hajdów" wastewater treatment plant, Lublin
- "Bielawin" wastewater treatment plant, Chełm
- "Czajka" wastewater treatment plant, Warsaw
- Garbów & Brzeg Dolny pumping stations near Szczecin
- RZWG Żywiec pumping station
- Trubaków pumping station, Chełm
- Jagielska pumping station near Warsaw





HULANICKI BEDNAREK Sp. z o.o.
22-100 Chełm, ul. Wyszyńskiego 2b
tel. +48 82 564 07 11, fax +48 82 565 39 85
haber@hulanicki-bednarek.com.pl
www.haberenergia.pl

Regional *HABeR-Centre*
tel/fax +48 22 339 01 74
mobile +48 660 687 618, 503 084 820,
662 363 640
warszawa@hulanicki-bednarek.com.pl

Northern Region
mobile +48 668 873 206
olsztyn@hulanicki-bednarek.com.pl

Noth-western Region
mobile +48 668 873 205
poznan@hulanicki-bednarek.com.pl

Regional Office *HABeR-South*
tel/fax +48 12 633 84 26
mobile +48 660 778 142, 660 778 143
krakow@hulanicki-bednarek.com.pl

Eastern Region
mobile +48 608 294 288
chelm@hulanicki-bednarek.com.pl

South-western Region
mobile +48 668 873 204
wroclaw@hulanicki-bednarek.com.pl