

Drive Service - Panel and Automation Catalog



ADS ENGINEERING ABB DRIVE SERVICE

ADS Engineering was established in 2000 and offers product technical service and sales, turnkey solutions and engineering consultancy services with highly international support and partnership with global brands. ADS Engineering, which has been providing solution-oriented innovative ideas to its customers since its establishment, is an innovative company that adds value to the sector with more than 20 years of experience in the field of industrial electricity and automation, especially in our country and in Europe, Asia and Africa.

ADS Engineering has been successfully repairing and upgrading all ABB drives with the experience it has gained thanks to its ABB drive service dealership since 2000. With the precision we show in our service, we provide fast and reliable repair of your drives. The parts we replace during repair are under ADS engineering and ABB warranty for a year.

Service and Maintenance



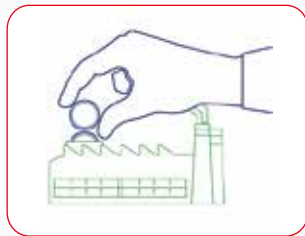
Warranty replacement and repair procedures



On-site technical service



Certified service staff with high technical skills



Fast-paced process



Overseas technical services



Fast and quality workmanship



Technical documentation support for drivers



24/7 technical service via phone or e-mail

Commissioning Applications

We visit our customers and commission their systems as quickly as possible.

Maintenance Services

To prevent unplanned system shutdowns, we visit our customers in their factories and provide maintenance services.

Drive Service Product Groups

- ACS150
- ACS310
- ACS355
- ACS380
- ACS550
- ACS580
- ACS600
- ACS800
- ACS850
- ACS880
- ACH550
- DCS400
- DCS550
- DCS800
- DCS880

Soft Starter Service Product Groups

- PSR
- PSE
- PST
- PSTB
- PSTX



Load Test

ADS Engineering successfully carries out load tests with different types of motors for drives with different powers, comparing the input and output currents of the drives, DC bus measurement, brake chopper test, and encoder tests..



Communication Test

ADS Engineering, with its expert engineer staff and automation team, successfully implements communication options such as profibus, ethernet and modbus for your drives.



DC Drive Test

ADS Engineering can test your DC drives with offline speed measurement options such as encoder and tacho..



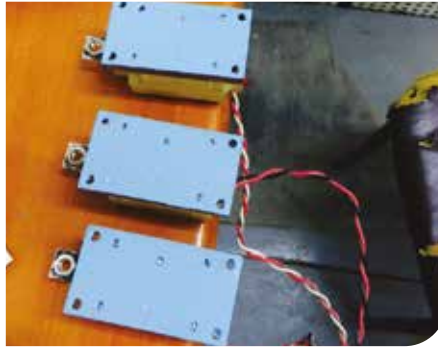
AC Drive Test at All Powers

All models of the ABB brand AC drive family can be checked and tested under suitable conditions. (ACSISO ACS310 ACS355, ACSSSO ACSBOO ACS380 ACSSBO, ACQSBO ACS880)

Service Operations



Card replacement and maintenance



Cake application



Capacitor replacement



Soft Starter Repair



Fan replacement



Drive Repair



Damaged IGBT block



Replaced IGBT block



IGBT replacement



Technical Team Ready for Field Service Operations 24/7



IGBT control

AUTOMATION SOLUTIONS

ADS Engineering develops innovative solutions for the needs of the industrial electricity and automation sector , with more than 21 years of experience. With the partnership of global brands, together with its expert staff in process automation; offers customer-oriented solution partnership in applications such as panel manufacturing, commissioning, technical support and consultancy services. ADS Engineering conducts safe and productive operations by improving the return on investment of its customers.

EXPERTISE

Meet our experienced team of experts for your automation applications.

SOLUTION

We develop innovative solutions for the needs of the industry, with a successful team.

SUPERVISOR

We develop best practices for your systems together and provide you with free consultation throughout the entire process.

THE FUTURE

We adapt to the developing technology world and build your systems for the future.

EXPERIENCE

We are with you with our 21 years of experience.

QUALITY

We aim to provide you with quality service in every field.

PROCESS AUTOMATION

ADS Mühendislik, proses otomasyonu ile ilgili ihtiyaçlarınız ve istekleriniz için size mühendislik düzeyinde kaliteli hizmet vermektedir. Bünyesinde bulunan güçlü kadrosuyla birlikte proses&fabrika otomasyonu konularında farklı sektörlerde deneyim edinmiştir. Farklı projelerde görev alan teknik kadrosunun tecrübesi sayesinde müşterilerine etkin çözümler üreten projeler geliştirmektedir. Projenizin tüm ihtiyaçlarını belirleyip sizlere isteklerinize uygun bir şekilde etkin, kaliteli ve ekonomik çözümler sunmaktadır.

Our Process Automation Exercises

- Chemical Plants
- Cooling Towers Automation
- Education
- Treatment Plants
- Drying Plants
- Factory Manufacturing Tests
- Lime Plants
- Process Instrumentation Sales and Technical Support
- Factory Electrical Project and Commitment
- Biogas Plants
- Automation Panels Production
- SCADA Software
- Paper Production Facilities
- Speed Control Systems
- Industry 4.0 integration projects
- Concrete ProductionFacilities
- Customer Technical Support, Repair-Maintance and Service
- Cement Plants



CRANE AUTOMATION

ADS Engineering was established in 2000 and has more than 21 years of experience with its global partners, it combines the latest technology with advanced engineering, determines the needs of the electricity and automation sector, and produces solutions with its expert team. ADS Engineering is a solution partner in all matters that its customers need help with, such as product technical service and sales, panel design and manufacturing, turnkey electrical and automation projects, commissioning, and engineering consultancy services.

Our Crane Automation Works

- Harbor Type Cranes
- Floating Dock Cranes
- Gantry Cranes
- Floating Bridge
- Shiploader Bridge
- Process Cranes
- Bom Crane
- Overhead Crane
- Shipyard Crane
- Crane Safety Software
- Synchronization Projects of Several Cranes
- Remote Monitoring of Several Cranes Scada Integration Projects
- Customer Technical Support, Repair-Maintenance and Service
- Documentation
- Education



MACHINE AUTOMATION

ADS Engineering provides engineering consultancy services in turnkey automation, sales, technical support, panel manufacturing and assembly applications to machinery manufacturers in many countries of the world.

Our Machine Automation Works

- EXTRUDER Machines
- Winder Unwinder Applications
- Factory Production Tests
- Recycling Machines
- Press Applications
- Engineering Services
- Palletizing Lines
- Robot Control Conveyor Lines
- Customer Technical Support, Repair- Maintenance and Service
- Die Casting Machines
- System Conversion Modernization
- SCADA Software
- Injection Machines
- Education
- Laminating Machines
- Panel Production
- Software and Commissioning



Panel Design and Manufacture

As ADS Engineering, we are proud to offer you the best solutions for your applications with the knowledge, skills, experience, and solution-oriented studies that we have gained for many years.





Solutions suitable for your needs,
with quality workmanship and
products...



Panel Design and Manufacturing Process

OFFER PREPATION

Based on the information we receive from our customers, we select the appropriate materials and panel types with our proposal department.

The PDF format with the reference numbers of the selected materials is shared with our customers. After our detailed offer is approved by our customer, we turn our offer into a letter of offer and complete our mutual business contract with our customer.

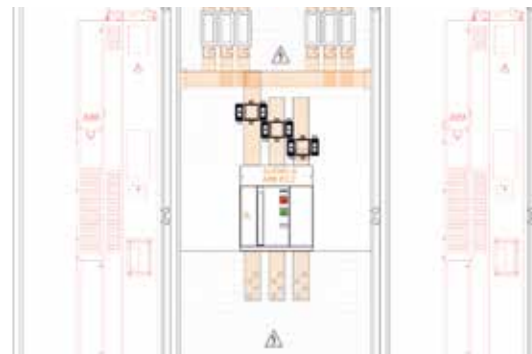


Panel Design and Manufacturing Process

OFFER CONFORMATION and 2D DRAWING

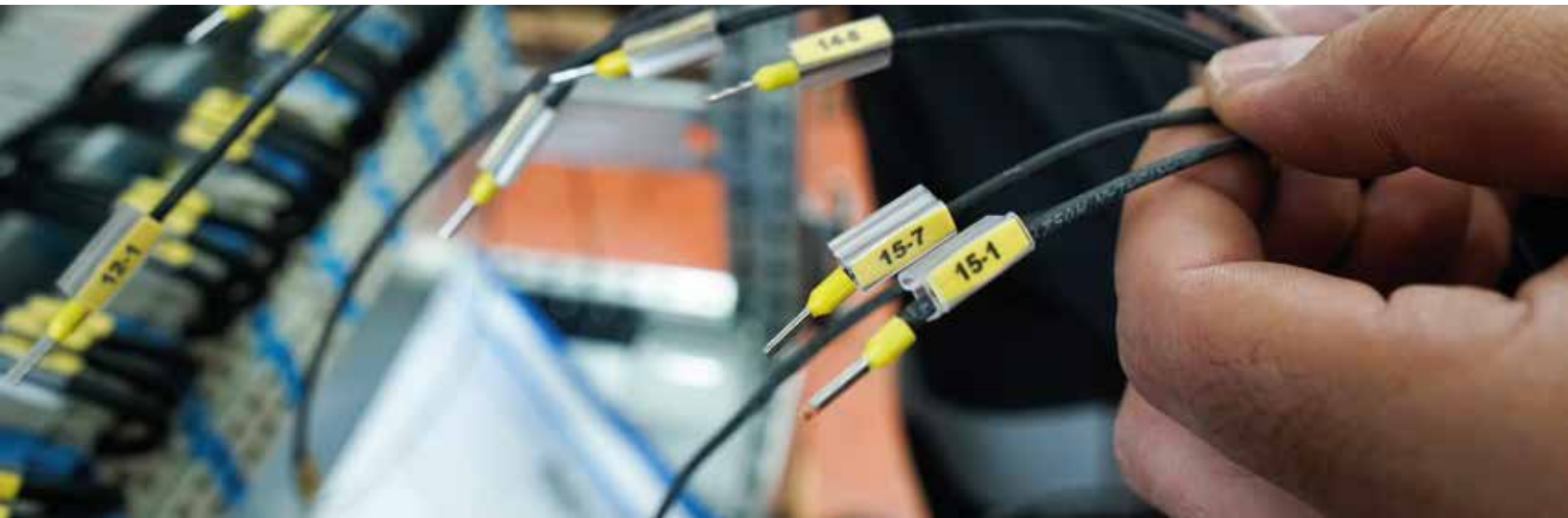
We start the project design process by transferring our approved proposal together with the relevant documents to the project department. In our project department, the projecting process is started in line with these documents.

In the projecting process; After preparing the front view diagrams one-to-one with the real, they are shared with the customer for the project approval process. The project approved by the customer is transferred to production and the production process is started.



Material Supply

Proposed material and panel sheet procurement processes are started for the panels whose approval process has been completed. The production phase of the panels, whose material procurement process is completed, is started.



Panel Design and Manufacturing Process

Panel Production Stage

The materials in the panel are separated on the basis of the panel and transferred to production after the projects are given to production, . In line with the manufacturing project, mechanical assembly processes are performed one-to-one with the front view of the panel. After the mechanical assembly is completed, panel electro-assembly processes are carried out in line with the 3-line project. After the mechanical and electro-assembly process of the panel is completed, it is taken to the test area for the factory test phase.



ADS Engineering | Panel Design and Manufacturing

Panel Test Stage

Test when boards enter testing phase brought to the field. The test area is surrounded by barriers in order to prevent people other than test personnel from interfering with the panels. Panel During the test process, first dry test, then live (energized) test, short circuit test and MEGER tests are performed respectively. "TEST Report" about the tests performed is created.

The panels that pass the tests successfully are cleaned, photographed and transferred to the packaging department. Boards are archived with "ADS..." code and Asbuilt

As a project, it is shared with our customers in computer environment and in special volume printing.

Panel Design and Manufacturing Process

Packaging and Shipping

After the pictures are taken, the packaging processes of the panels are completed and they are made ready for shipment. According to customer demand (casing, pallet, etc.) packaging operations can be done. We deliver the boards together with the test report, quality control documents, and make them ready to be shipped.



Our Solutions

- ABB Drive Panels
- Crane Panels
- Low Voltage Panels
- Compensation Panels
- External Type and Construction Site Panels
- Force and Lighting Panels
- MCC Panels
- Transfer and Synchronization Panels
- PLC Automation Panels

“We are happy to add value to you as your permanent solution partner in your applications...”



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VALUE
PROVIDER

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