

Defence | Automotive | Manufacturing | Services

S **W** **A** **I** **T** **Z** **E** **R** **N**



SWITZERN

Islamabad Office

Lahore Head Office & DRAC

Karachi Office & DRAC

Pakistan Ordnance Factories

Heavy Industries Taxila

Heavy Mechanical Complex

Pakistan Aeronautical Complex, Kamra

Directorate General Defence Purchase (DGDP)

Karachi Shipyard

Directorate General Munition Production (DGMP)

Directorate of Procurement - Navy

Defence Export Promotion Organisation (DEPO)

“

**There is no power
on earth that can undo
PAKISTAN.**

”

Muhammad Ali Jinnah

"Excellence is an art won by training and habituation. We do not act rightly because we have virtue or excellence, but we rather have those because we have acted rightly. We are what we repeatedly do. Excellence, then, is not an act but a habit."

Aristotle



WHO WE ARE

Switzern is a private organization dedicated to stepping up manufacturing in PAKISTAN. Defence, Automotive or Shipyard, our focus is state of the art technology, quality, time saving and generating profits for our customers.

Customised solutions

Switzern designs, executes, upgrades, supplies and services equipment for the Defence, Steel Manufacturing and Automotive.

Why us?

Switzern has a unique combination of expertise in Engineering, maintenance and management of vast range of technical projects with capabilities to innovate according to customer needs.

SUPPORT AND SERVICES

Switzern supports its customers on all stages of operation and troubleshooting. Our timely and efficient Support keeps the systems in check and operational.

Our field engineers stay on the site with customer staff during installation and training and troubleshooting of our equipment. This shows our dedication to our objectives.

SECTORS

Defence

Switzern is providing integrated solutions to defence, internal security and peace keeping forces across Pakistan including Automation, Cutting, Joining and Rebuilding.

Our Defence division also specializes in providing parts and equipment for manufacturing in Aerospace, land military vehicles and shipyard.

FROM MILD STEEL TO ARMOR STEEL



Automotive

We are providing Turn key Robotic Solutions to Automotive Industry of Pakistan. Our Automation division specializes in Robotic Welding and Cutting.

Switzern is also providing customized solutions for Handling, Painting, Pick n' Place and Dispensing.

Our aim is to **"AUTOMATE PAKISTAN"**.

Manufacturing

We have made our reputation in Heavy Manufacturing industry of Pakistan with our latest and flexible portable solutions. We have satisfied our customers by doing their job at a fraction of their expense for existing processes.


SAVING TIME is SAVING MONEY hence MORE PROFITS



Services

Our Engineering team is trained for providing our customers with complete after sales support for every system that we have executed. Our qualified staff is providing timely and efficient services for Design, Installation and troubleshooting from within Pakistan.

"THIS IS OUR EDGE"



DESIGN RESEARCH & AUTOMATION CENTRE

Switzern has the honor of being the only company having Design Research & Automation Centre (DRAC) in Pakistan at Lahore, and Karachi. Our Engineers are trained by experts of our OEMs and now give trainings to our customers for Robotics, Welding and Cutting. We have state of the art technology displayed at our facilities including Robots and Mechanised systems. We are also giving actual demonstrations of robotic welding and cutting to our customers at our facilities.

Moreover, we keep stock and provide support for all our systems from DRAC.

We also offer our customers Robotic demonstrations for their actual parts in our DRAC.





CASTED PARTS

With our partners we meet the demand of different sectors including defence industry, automotive, machinery, energy and construction by supplying a great number of casted parts of cast iron, stainless steel, bronze, aluminium and copper alloys. Sand or Investment casting, Switzern is aiming at meeting the demands and high expectations of our customers. Using the latest software's and making risers or gates before initial casting helps us in lowering costs, increasing the profits and improving marketability of our customers



Gedik Casting



APC/IFV

Tur VI



AMZ - KUTNO S.A.

Tur III



AMZ - KUTNO S.A.

Zubr P

Tur V



Tur



AMZ - KUTNO S.A.

Zubr WD



AMZ - KUTNO S.A.

OUR EXTENSIVE PRODUCT LINE OF SPECIALTY STEEL PLATE

COGNOR SA ODDZIAL HSJ W
STALOWEJ WOLI (HSJ BRANCH) is a
poland-based steel manufacturer with over 900
employees, active in the production of long and
flat steel products and in the supply of steel
products for the automotive, construction,
heavy machinery and military vehicle industry.



ARMSTAL steel are manufactured to strict industry standards and full control of metallurgy. We manage the whole production process from steel melt to the finished flat product.

ARMSTAL STEEL GRADES OFFER BEST SOLUTIONS FOR THE FINISHED PRODUCT WHEN THE WEIGHT OF THE STEEL STRUCTURE AND HIGH BALLISTIC RESISTANCE ARE SIGNIFICANT FACTORS ESPECIALLY IN ARMORED VEHICLES INDUSTRY

Our special treatment bring excellent mechanical properties of these steels as are tensile strenght, high hardness and good toughness.

ARMSTAL, HSJ'S PROTECTION STEEL PLATE, IS DELIVERED DIRECT FROM THE MILL IN EUROPE, POLAND STALOWA, WOLA IN A QUENCHED AND TEMPERED CONDITION



PROVEN PRODUCT
QUALITY COMBINED
WITH YEARS OF
EXPERIENCE WITHIN
PROCESSES METALLURGY

**QUALITY
ASSURANCE**

ISO
9001:2015
Certified

AQAP
2110:2016

TS
16949:2009

MSWiA
CONCESSION

TRADE
CONTROL
POLICY

CERTIFICATED DET
NORSKE VERTIAS
(DNV) - STEEL MAKING
AND ROLLED STEEL
PRODUCTS

**PRODUCTION
EXPERTIES**



DEFENCE AND SECURITY EQUIPMENT MANUFACTURING SECTOR

IN-HOUSE CAPABILITIES

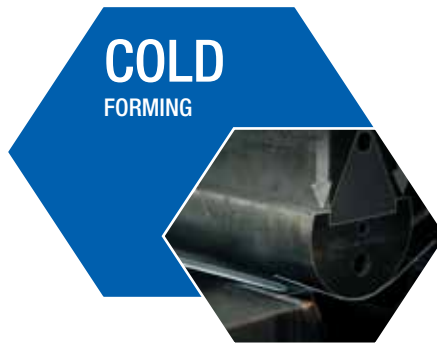
LASER CUTTING



CUT PARTS

- FIBRE LASER CUTTING MACHINE CUTTER
TABLE SIZE:
2000X8000MM
- HIGHLY COMPLEX COMPONENTS AT THE HIGHEST LEVEL OF PRECISION
- PLASMA CUTTING MACHINE / TABLE SIZE: 9000X2500
- WE CAN CUT SHEET METAL OF THICKNESSES UP TO 20MM
- ELEMENTS IN THE THICKNESS RANGE OF 20-140MM ARE PROCESS ON A GAS CUTTER / TABLE SIZE 6000X2000MM

COLD FORMING



BENT PARTS

- BENT PARTS ACCORDING TO CUSTOMER REQUIREMENT
- 800T PRESS BRAKE
- COMPLEX PRESSED PARTS IN QUENCH AND TEMPERED HIGH-STRENGTH MATERIALS
- DELIVERY AS READY-FOR-INSTALLATION COMPONENTS

WELDING ADDITIONAL SERVICES



WELD QUALITY

- COMPREHENSIVE RANGE OF WELDING CAPABILITIES INCLUDES 131 MIG, 135 MAG 141 TIG,
- GRADE QUALIFICATIONS TEST WELDS BY ULTRASONIC FLAW DETECTOR
- MAINTAIN SUPERIOR WELD QUALITY AND BALLISTIC PROPERTIES
- SHOT BLASTING MACHINE WITH A WORKING WINDOW SIZE OF 2120X650MM.
- SURFACE CLEANLINESS IN CLASS OF SA 3

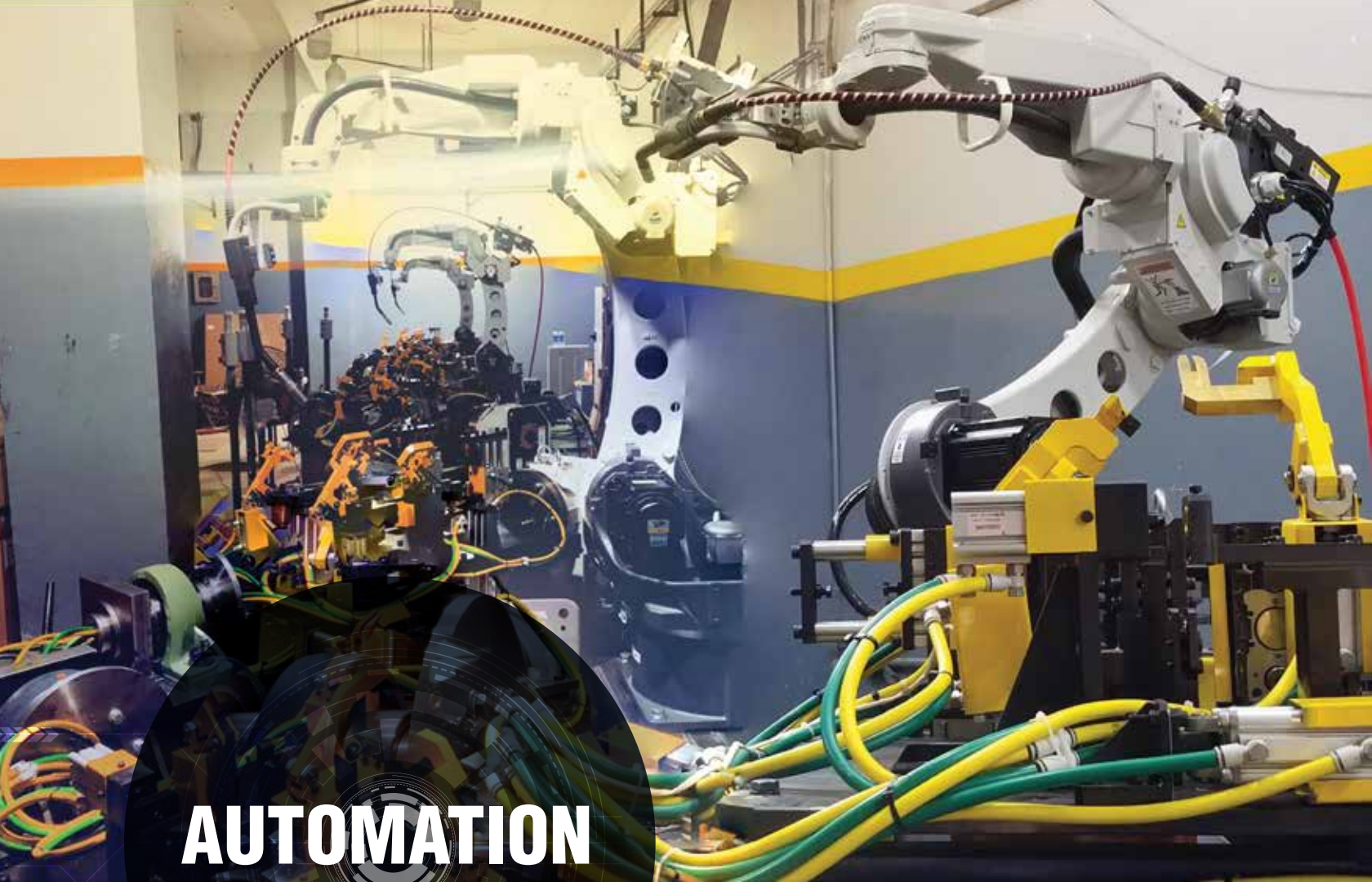


PARTS & EQUIPMENTS

Our major products include Parts for M113 Armed Personal Careers and AK-1 main battle tanks.

Moreover, we are dealing with the spares and parts of various Self-Propelling Guns such as M109-A2.

Our timely response and well managed team is capable of making good sales on time and manage supplies according to our customer needs.



AUTOMATION

Shifting to Automation is a hard decision but our aim is to make it an easy one. Our mechatronics engineers are dedicated to prove you the benefits of Automation. When you upgrade to Automation, we make sure that you get lower operating cost, reduced lead times, consistent and improved part production and quality. Our aim is to make you more competitive in the fast changing future.



ROBOTIC SYSTEMS

Flexible, Precise & Focused

Our team of well trained mechatronics engineers are capable of providing you the turn key solutions for Robotic applications.

Switzern team is also providing Design & Manufacturing of Jigs & Fixture for a vast range of applications. We have solutions which improve quality & reduce cost hence saving you money.

Our team has installed & executed several Robotic Systems in Pakistan and carries an outstanding reputation for after sales support system in Pakistan. Currently, we are the only company providing this level of automation and services in Pakistan.



PORTABLE MANUFACTURING



Switzern has unparalleled solutions adaptable to all types of cutting, joining and beveling applications. We provide systems being used by the world's most innovative industrial, automotive and aerospace companies. Our mechanized systems aim at improving the quality and performance of the manufacturing process. Switzern is focused on providing the Pakistan manufacturing industry with improved and latest methods with portable and mechanized systems.



JOINING TECHNOLOGIES

Our sole purpose of introducing the latest state of the art joining methods is to increase the productivity at lower cost. Switzern focuses on improving quality with enhanced performance and where alternative technologies are not workable.



Gedik Welding





CUTTING TECHNOLOGIES

Switzern provides effective solutions for the fabrication of materials not suitable for cutting by traditional methods. Either it's cutting with an electric arc, plasma or laser, whatever the thickness, Switzern is dedicated to providing the best solutions with complete after-sales services.

Hypertherm[®]
SHAPING POSSIBILITY™



BEVELING, DRILLING & PUNCHING

QUICK N' EASY

Promotech offers comprehensive range of drilling and punching machines, plate and pipe bevelers as well as welding automation equipment. The machines are reliable and functional thanks to heavy duty and rigid design, purpose-made motors and industry proven electronics. Each machine produced by Promotech is thoroughly tested for quality approval and proved in tough industrial conditions in most difficult climatic environment.

PROMOTECH[®]

POWER TOOLS & GEARS

At Switzern heavy duty is more than just a slogan. It is a promise to offer the best to professional users. Our focus is on tools that are flexible and easy to use. We provide our customers with complete range of power tools and working gear.

Moreover, we have infrared based tools helping our customers save time and make profits. Additionally, we have a complete range of tools for the defence industry.





BORING & MILLING CNC

LAZZATI is one of the world's leading manufacturer of heavy horizontal boring and milling machines. LAZZATI brand is globally recognized for high technology and top level machine tool quality. The aim of the company is to create a reliable and high performance product, which can be easily used for multiple applications such as general machining, automotive, aerospace, energy and earth-moving sectors.

LAZZATI production is specialized in boring-mills machines, with a mobile column, highly qualified and technologically advanced.

With LAZZATI, we offer a wide range of flexible machines for heavy chip removal and high precision able to work the five sides of a work piece in automatic mode using the Numerical control.

High flexibility when machining the units and a very simple construction make LAZZATI machines the best expression of the latest mechanical design for machine tools.

Product quality and continuous improvement are the strengths of LAZZATI.

LAZZATI
High-Performance Boring-Mills



BRAZING

We offer all kinds of brazing alloys including cadmium free silver, copper and brass alloys.

Switzerland is partner of Pietro Galliani Brazing, Italy. Pietro Galliani Brazing has created an innovative new quality of alloy, NanoTech, that outperforms standard alloys and brings a new level of quality brazed joints. NanoTech alloys have micro phases of phosphorus that do not fume out easily, or burn out in the flame, but stay dispersed within the copper to create a SUPER brazing alloy.



**PIETRO GALLIANI
BRAZING S.p.A.**

MEASUREMENT SYSTEMS

Switzern is providing complete 3D measurement and geospatial solutions for broad range of applications including Defence as well as Automotive. Our strength is our Qualified team with Engineers having knowledge in 3D technology and the expertise in market development. We focus on providing solutions and support that enable our customers to accelerate their product quality and productivity.

Our major products include Laser Trackers and Laser Coordinate Measuring Machines.



COMPUTER AIDED ENGINEERING

Metrolog is a polyvalent 3D inspection, measurement and management software. With Metrolog our aim is to simplify day-to-day measurement work for our customers, optimize quality process and maximize investments.

Metrolog can be integrated with any technology having any measurement data for any application.

It is a "Universal 3D Inspection Software"

Large Scale Metrology
Uncertainty Bundle



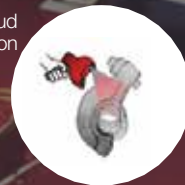
Simulation & Programming
Virtual Offline



Portable Metrology
Multi-devices



Point Cloud
Acquisition & Inspection



Robot Measurement
Inline Automation



CMM Retrofits
Services & Calibration



GD&T Reporting
Offline Analysis





HEALTH & SAFETY

Finding a skilled worker helps industry in growing faster and making profits. Safety and Health of that worker plays a vital role in the betterment of industrial environment. We have made it our aim to provide customers with safe and healthy working environment. With our Fume Extraction Solutions we provide workers the ideal environment they need to work with ease and be safe around harmful fumes.

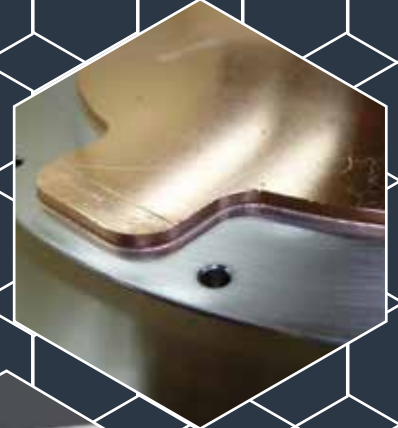
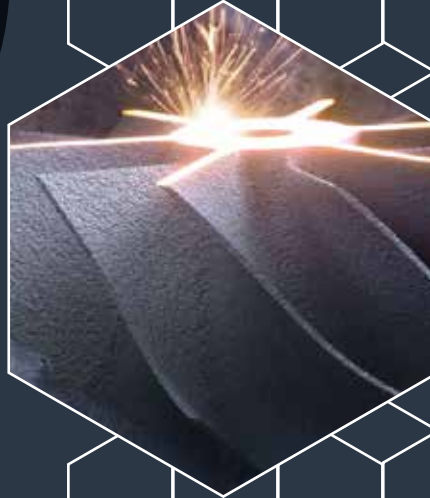
Moreover we also provide complete Working Gear including Jackets, Gloves, Auto Darkening and safety Helmets etc.

PLYMVENT®

NEW ADDITONS

Switzern has been providing latest actuators and starters to Pakistan defense as well as local industry. Such Equipment is especially used in manufacturing of tanks and heavy duty vehicles. Our target is to provide actuators and starters that bear high performance, output and temperature. Major applications are load sharing, back up power, efficient air flow and cooler operation under high output load conditions.

Switzern has played a vital role in bridging between emerging technologies and defence sectors of Pakistan. As Robotics being our first we continue to introduce latest and advanced methods which aid in manufacturing.




Prestolite
electric

**“YOUR DESIRE TO
CHANGE MUST BE
GREATER THAN
YOUR DESIRE TO
STAY THE SAME.”**

Allama Muhammad Iqbal

SWITZERN



AMZ - KUTNO S.A.
POLAND



POLAND



TURKEY



SPAIN



BRAZIL



USA



USA



USA



GERMANY



GERMANY



POLAND



POLAND



ITALY



ITALY



NETHERLANDS



GERMANY



GERMANY



FRANCE



GERMANY



GERMANY



USA

Defence | Automotive | Manufacturing | Services

LAND | AIR | SEA

www.switzern.com



Lahore

Head Office & DRAC Lahore
76, Brandreth Road, Kissan Street,
Adjacent Pakistan General Goods,
54000, Lahore, Pakistan.

Islamabad

Islamabad Office
Top Floor, Square 5 Plaza, Block B, B-17
Multi Gardens, Grand Trunk Road,
Islamabad, Pakistan

Karachi

DRAC, Karachi
Plot 333, (Amantech), Korangi Creek,
Karachi, Pakistan

Email: info@switzern.com

Tel: +92-42-37231582-3

Fax: +92-42-37651293