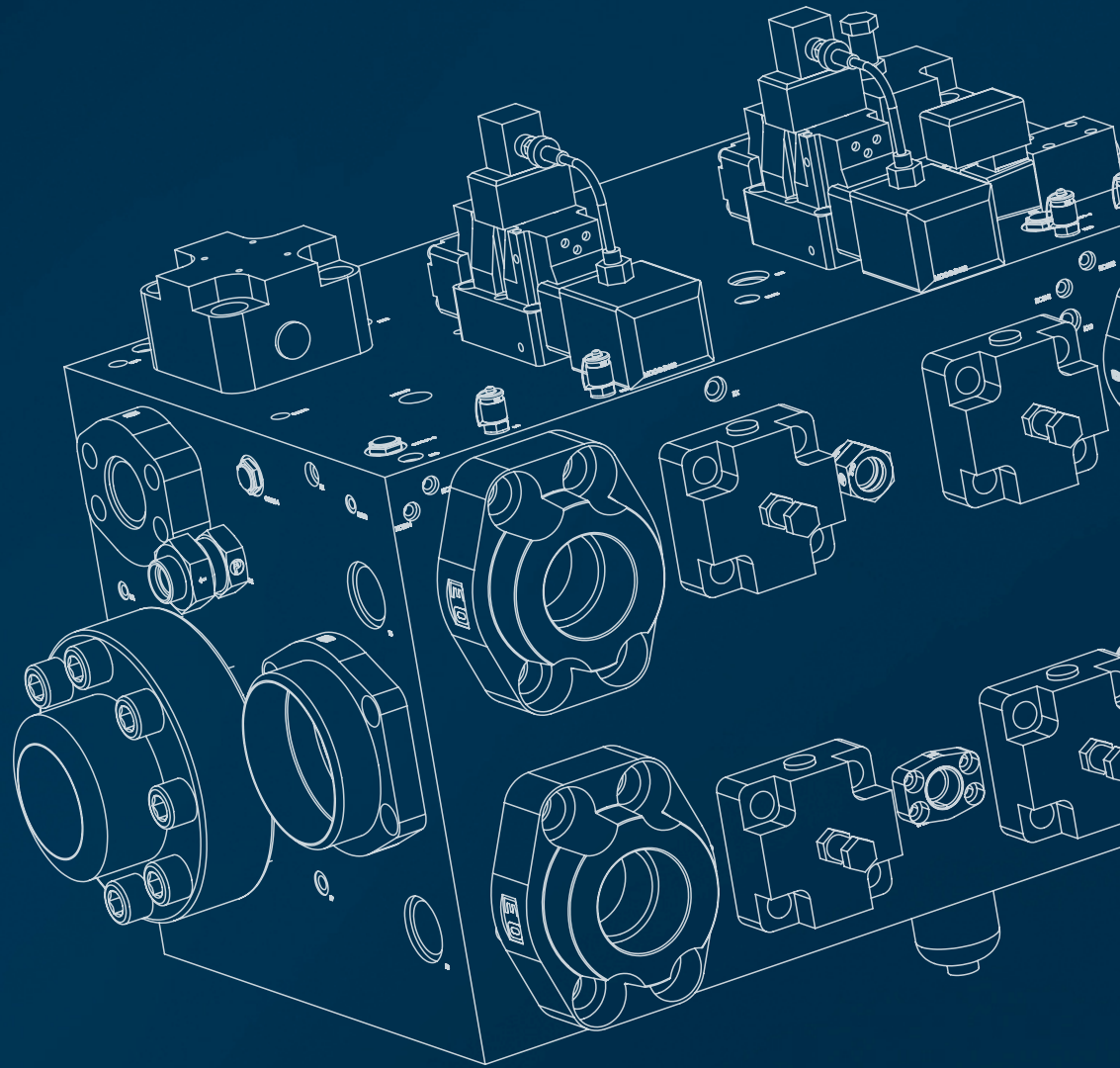


CELEBRATING
25
YEARS



**UNIQUE SUPPLIER OF
COMPLETE HYDRAULIC SYSTEM
SOLUTIONS**

Engineering • Design • Manufacturing

hidros**er**
HYDRAULIC SYSTEMS

Serving customers in every phase starting from engineering to commissioning of **hydraulic systems**

**ENGINEERING
DESIGN
MANUFACTURING
PIPING
PICKLING
FLUSHING
START UP**

■ Hidroser Company Overview

Hidroser, as Premier Parker distributor supplies fluid power solutions for diverse markets and applications since 1991.

Hidroser specializes in turnkey design and manufacturing of hydraulic power units, valve stands, manifolds, lubrication units and cylinders.

Hidroser providing technical consultancy, training and precision-engineered solutions for industrial markets to local and international customers. With our well synchronized and ISO 9001 certified sales organization and engineering group, we are proud to be very well known company in Europe with our sound references.

Hidroser head office and manufacturing plant is located in Istanbul. Moreover, there are sales, service and engineering branches located in Adana, Ankara, Bursa, Gebze, İzmit and İzmir. With our 140 employees and spreaded locations all over the country we serve our customers almost instant.

Hidroser is meeting customers expectations for the highest technical standards, reliable supply and responsive service. The circuit logic and functionality is engineered to meet your exact performance, safety and mounting requirements.

■ Technology Expertise Hydraulics

Hidroser is providing precision-engineered solutions and partnering customers to improve their productivity and profitability.

■ Applications

- Hot and Cold Rolling Mills
- Walking Beam Furnaces
- Continuous Casting Lines
- EAF and LF
- Galvanizing and Pickling Lines
- Cut to Length Lines
- Aluminum Extrusion Presses
- Scrap Presses
- Die Casting Machines
- Deep Drawing Presses
- Tube Bending Machines
- Hydro Electric Power Plants
- Geothermal Power Plants



Manifold design

For custom-engineered systems, you can rely on our extensive experience to meet your specific needs and requests.

HYDRAULIC POWER UNIT

Application: Ladle Furnace

- Operating pressure: 170 bar
- Volume of reservoir: 3.000 liter stainless steel AISI 304
- Variable displacement piston pumps with pressure compensator
- Offline circulating system
- On board wiring and cabling



HYDRAULIC CONTROL BLOCK

Application: Hot Rolling Mill Pendulum Shear

- Operating pressure: 305 bar
- Block material: Steel C45 with phosphating treatment
- Dimensions: 800x500x500 mm
- Feeding voltage: 24 VDC
- Proportional directional control valves with servovalve dynamics



CENTRAL LUBRICATION UNIT

Application: Geothermal Power Plant - Turbine and Generator

- Operating pressure: 20 bar
- Volume of reservoir: 2.500 liter stainless steel AISI 304
- Electrical equipment and wiring in ATEX protection class



HYDRAULIC VALVE STAND

Application: Electric Arc Furnace

- Operating pressure: 170 bar
- Block material: GGG40 Cast Iron with phosphating treatment
- Feeding voltage: 24 VDC
- Proportional directional control valves with servovalve dynamics
- On board wiring and cabling

HYDRAULIC ACCUMULATOR STAND

Application: Electric Arc Furnace

- Operating pressure: 170 bar
- Piston Accumulator Volume: 250 lt (x5)
- Nitrogen Gas Bottles Volume: 75 lt (x50)



HYDRAULIC TECHNOLOGY CENTER

■ Design and Manufacturing

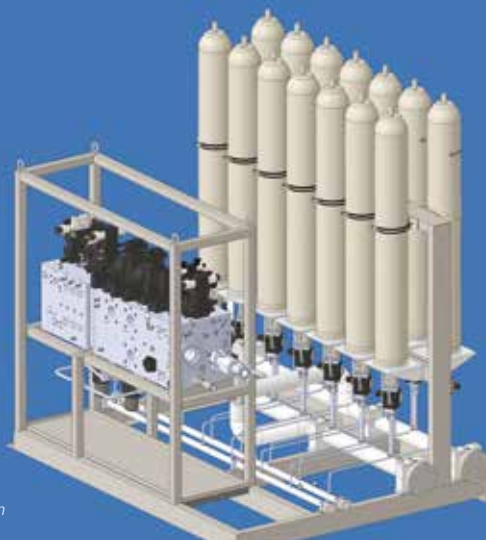
Design of hydraulic power unit, hydraulic block and hydraulic cylinders are being accomplished by our competent team utilizing SolidWorks, 3-D solid modelling software.

The modern devices used to facilitate the design and to ensure the output of excellent products.

CAD/CAM engineering and CNC integrated equipments are integral parts of manifold design.



Manifold design



Valve stand design

The manufacturing group which comprises of machining, welding, paint-shop, material warehouse, assembly and test units carries out its works with experience, dynamism and power stems from a healthy infrastructure.

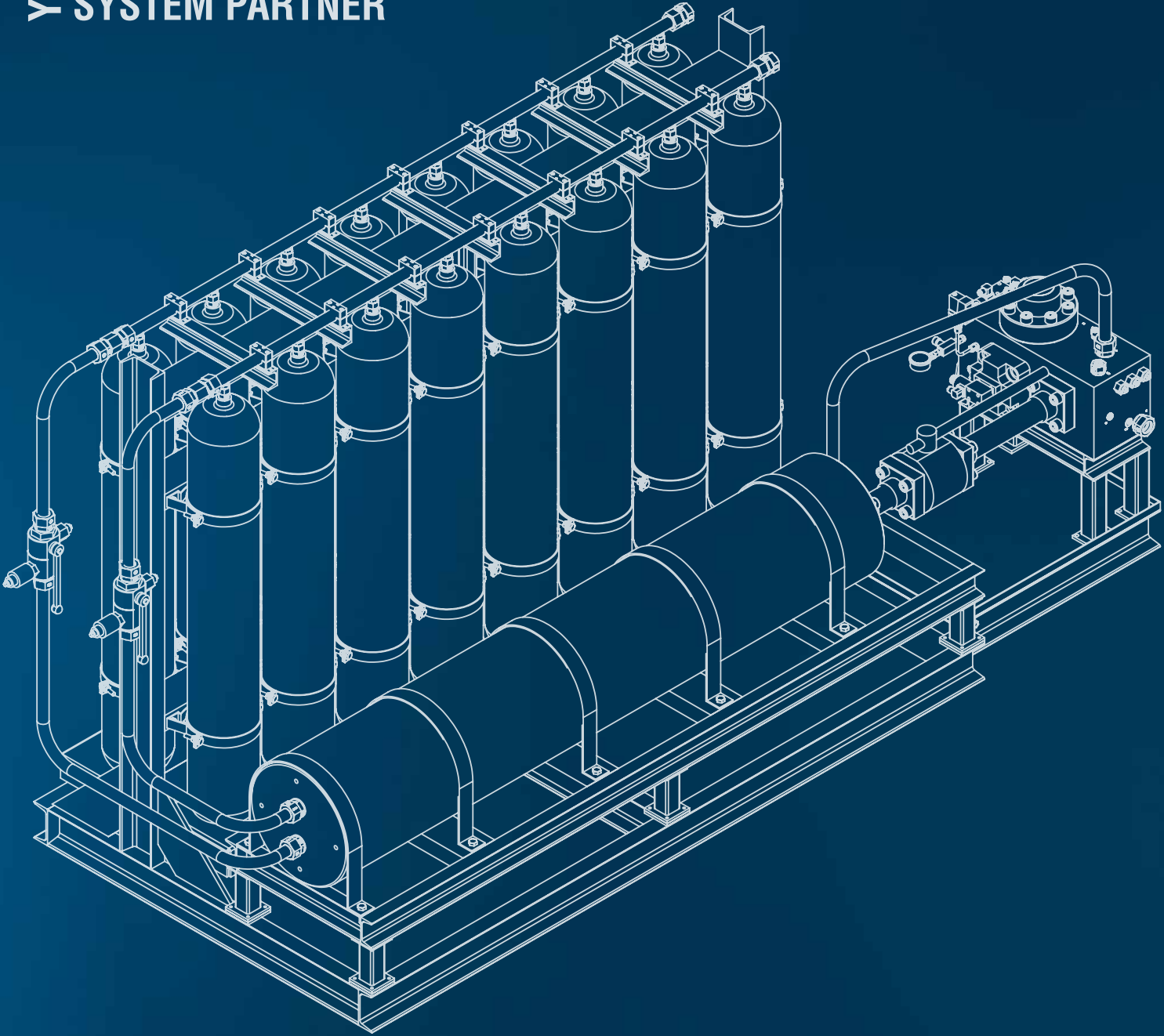
Hidroser is serving customers in every phase starting from engineering to commissioning of hydraulic systems. Piping, pickling, flushing, commissioning and other after sales services provided by our engineers and technicians on site.



Assembly Line



YOUR HYDRAULIC SYSTEM PARTNER



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HYDRAULIC SYSTEMS

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Ankara Cad. Rod-Kar İş Merkezi No: 13/A 35110 Bornova/İzmir
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