

ENERGY

HEAVY INDUSTRY

IRON STEEL

INDUSTRY STEEL

CONSTRUCTION

ALTERNATIVE SOLUTIONS

Providing **Equipments** to the **WORLD**

Presentation **2025**

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ABOUT US



Sesan Industry was established in Adana in 2010

Sesan was established in Adana in 2010. Our facility boasts a rich machine park and an expert team in design, project planning, and production. We operate a 7500 square meter workshop, strategically located just 60 kilometers from Mersin Port, enabling efficient logistics.

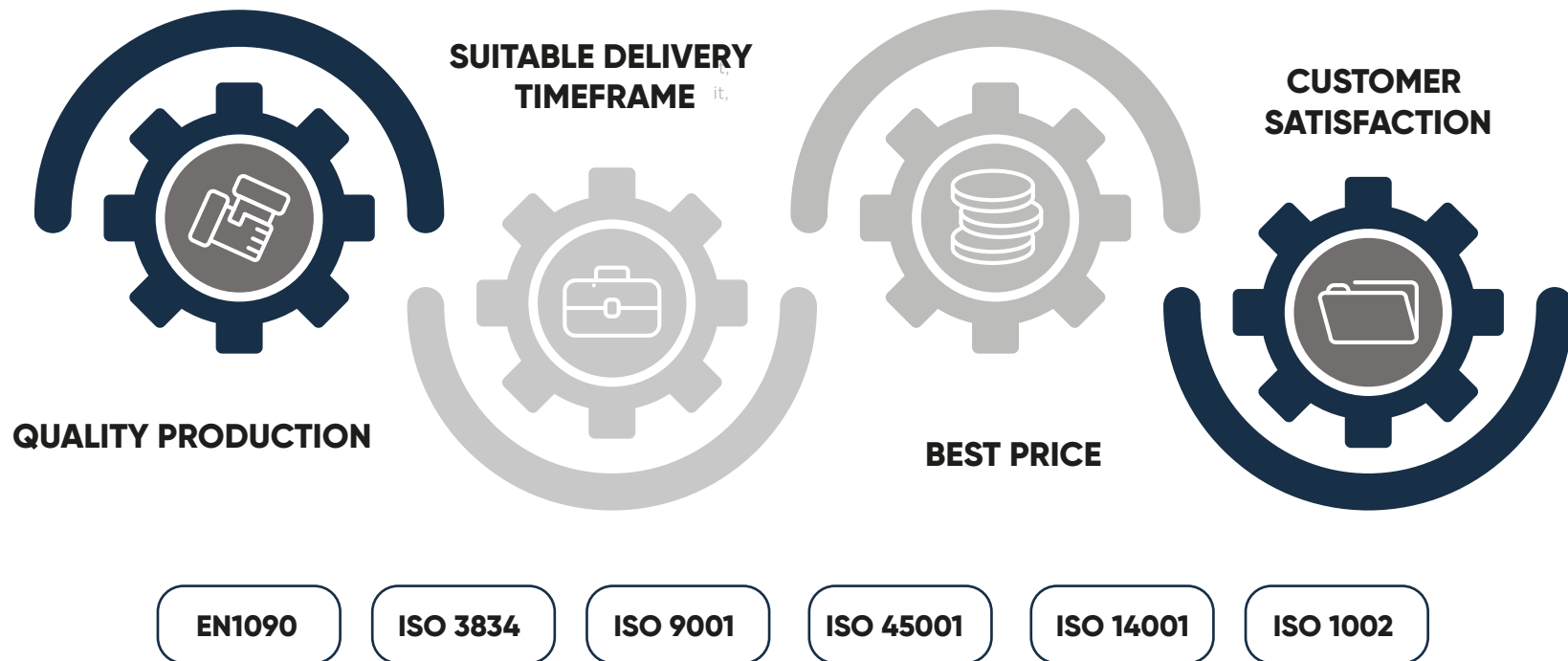
-  7500 m2 Area Workshop
-  Expert team in Design, Project Planning & production
-  Rich Machine Park
-  Accessible Location
(Mersin Port 60km – Iskenderun Port 130 km)

**“POWER BEHIND
THE INDUSTRY”**



PRODUCTION EFFICIENCY

As Sesan, we trust in our quality, supported by our production knowledge and quality control consciousness. We comply with delivery times through lean manufacturing practices, offering competitive prices, production efficiency, and customer satisfaction. All productions adhere to ISO 9001 Quality Management System and ISO 3834 Welded Manufacturing Compliance.



WE TRUST IN OUR QUALITY WITH OUR QUALITY CONTROL CONSCIOUSNESS AND PRODUCTION KNOWLEDGE



WE COMPLY WITH DELIVERY TIMES THROUGH LEAN MANUFACTURING



AS A MANUFACTURING COMPANY, WE CAN OFFER COMPETITIVE PRICES

WORKFLOW



OUR WORKFLOW PROCESS INCLUDES

Projecting, Raw Material Supply, Pre-Manufacturing, Manufacturing(Welding, Machining), Quality Control, Sandblasting and Painting, Packaging and Logistics, and Post-Delivery Quality Assurance.

WHAT WE DO

HYDROMECHANICAL EQUIPMENT

Radial and Sliding Gates
Penstock and Branches
Valves
Trash Racks
Gates Hoisting Systems
Trash Rack Cleaning Machine

TURBINE EQUIPMENT

Spiral Case	Guide Vanes
Draft Tube	Head Cover
Pit Liner	Stay Rings
Head Covers	Bottom Rings
Wicket Gate	Main Shaft
Runners	Inlet Valve

IRON AND STEEL INDUSTRY

Scrap Bucket	Shaft Holders
Transfer Cars	Steel Rollers
Segment Manipulator	Bunkers
Dummy Bar	

METAL MACHINING

ROBOTIC WELDING



HYDROMECHANICAL EQUIPMENTS

Products We Design and Manufacture

Radial (Tainter) Gates
Stop-Lop Gates
Sluice Gates
Flap Gates
Avis Gates
Penstock Pipes
Branches



TURBINE EQUIPMENTS

Products We Design and Manufacture

Spiral Case

Draft Tube

Pit Liner

Wicket Gate

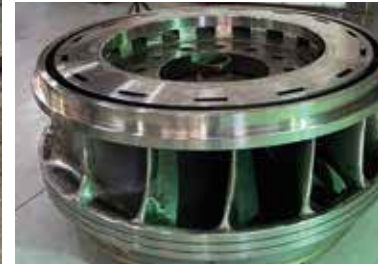
Vaness

Wicket Gate Ring

Runnes

Inlet Valves

Pelton Turbine Distributor and Housing



BUTTERFLY VALVES

RANGE OF MANUFACTURING

Diameter : DN500mm - DN4000mm²

Pressure: Up to PN40

The valve dimensions can be adapted to fit with the existing site conditions;

Sealing System: Rubber seated in metal

Geometrical Feature: Double eccentric



DISMANTLING JOINTS

PRODUCTION RANGE:

Diameter: DN500mm-DN4000mm

Pressure: Up to PN40



EXPANSION JOINTS

PRODUCTION RANGE:

Diameter:

DN500mm-DN4000mm

Pressure: Up to PN40



IRON STEEL

Iron and Steel Industry Equipments We Manufacture

Scrap Bucket
Transfer Cars
Arc Furnaces
Segment Manipulator
Dummy Bar
Shaft Holders
Steel Rollers
Rotary Kiln Equipment
Tundish and Tundish Platforms
Gear Manufacturing
Roll Transport Trolleys
Steel Constructions
Bunkers



SCRAP BUCKET

Scrap buckets used in the steel industry play a critical role in transporting scrap metal to furnaces for melting. These buckets are typically made of high-strength steel, designed to withstand extreme heat and heavy loads. The capacity of scrap buckets can range from a few tons to dozens of tons, depending on the needs of the steel plant.

Scrap buckets are equipped with special linings to resist temperature fluctuations and protect against impact damage. These linings prevent hot metal from damaging the bucket and extend its lifespan. Buckets are often integrated with automatic lifting and dumping systems, which enhance safety and efficiency in the operation.

These buckets are used to collect, transport, and load scrap metal into melting furnaces. Properly sized and high-quality scrap buckets ensure more uniform melting of the metal, improving furnace efficiency. Regular maintenance is essential to prevent wear and tear, especially since the buckets are continuously exposed to heavy loads and high temperatures.



ROBOTIC WELDING

By adapting to changing and developing technology, we prioritize investments that will improve our brand in "Quality and Speed", and we can weld with zero errors and high quality by using Robotic Welding Systems.



TRACEABILITY



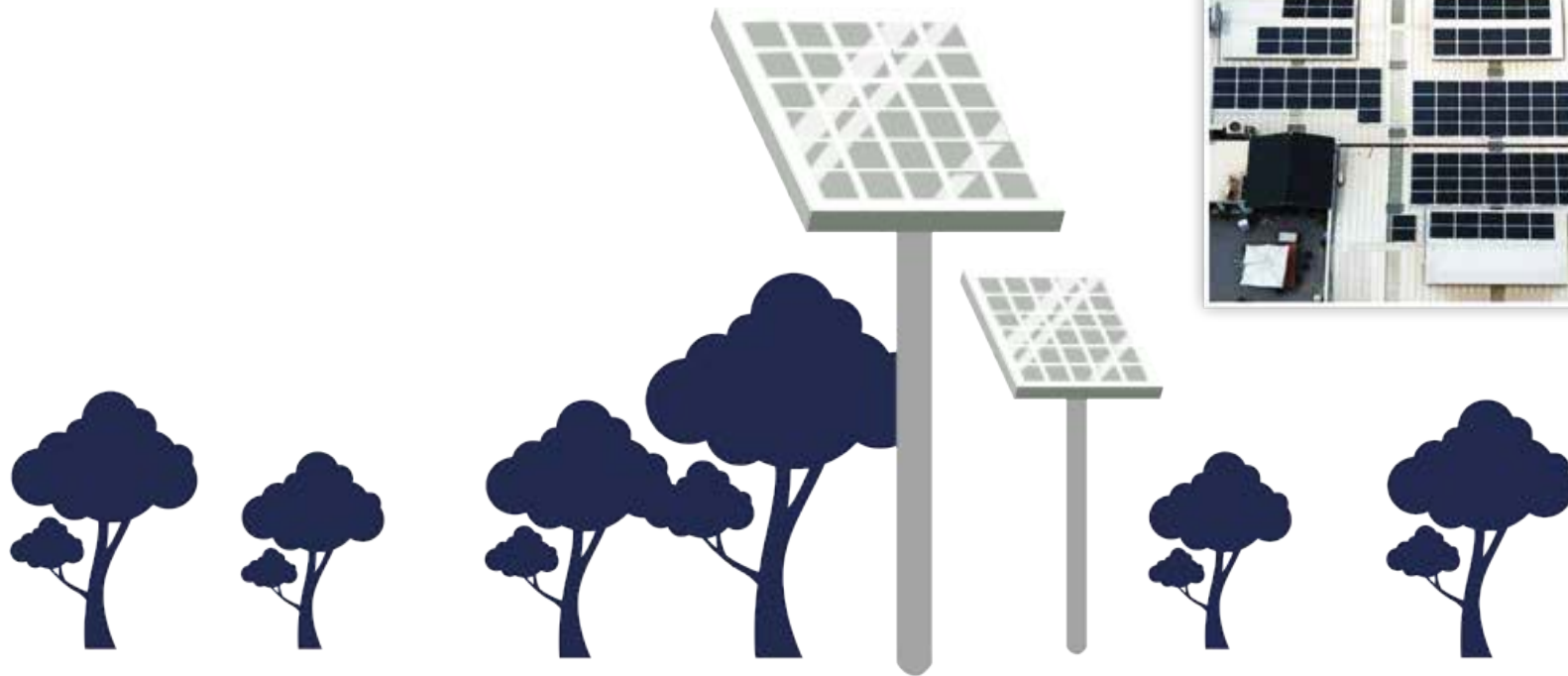
We produce our energy with sustainable resources...

Sesan within the framework of our corporate social responsibility, we generate our own energy and conduct all our business processes with a principle of environmental awareness

Thanks to our installed Solar PV system, we prevent emission of

2.400 ton/year of CO₂

Equivalent to planting 2000 trees per year



MACHINE: CNC VERTICAL MACHINING 2 PCS

MODEL: YOU Ji 2021 Working Dimensions;

Height: Max. 1200 mm

Length: Max. 800 mm

Width: Max. 800 mm

MACHINE: RADIAL DRILL BIG

MODEL: Max Hole

Diameter: 600 mm

Max. Height: 500 mm

MACHINE: KNEE MILLING

MODEL: JHVM-2

Max. Height: 300 mm

Slide Length: 500mm 3-axis

MACHINE: SCREW COMPRESSOR

MODEL: KT-150-5

MACHINE: DUST COLLECTOR

MODEL: 30-003

MACHINE: DUST COLLECTOR

MODEL: 30-003

MACHINE: HUMIDITY CONTROL

MODEL: 10-004

MACHINE: SCREW COMPRESSOR

MACHINE: CNC VERTICAL MACHINING

MODEL: YOU Ji

MACHINE: PAINT SUCTION UNIT

MODEL: 30-003

MACHINE: PISTON COMPRESSOR

MODEL: S-29561



MACHINE PARK

MACHINE: VERTICAL LATHE

MODEL: CXK400 CNC Working Dimensions;
Weight: Max. 50 tons
Diameter: Max 4000 mm Length:
Max 2500 mm Machining Capacity;
Hole Diameter: 160 mm – 4000 mm
Height: Max 1200 mm

MACHINE: BRIDGE TYPE DOUBLE COLUMN

MODEL: Agma Working Dimensions; X:
Max. 2300 mm Y: Max. 4000 mm
Z: Max. 1500 mm

MACHINE: FERMO-BMC

4 Axis CNC Milling Machine

MACHINE: CNC LATHE (2 PCS)

MODEL: YH28/105 2020

MACHINE: BORWERKT

MODEL: Working Dimensions;
Height: Max. 2500 mm Width: Max. 4000 mm
Machining Capacity;
Hole Diameter: 50 mm– 300 mm
Depth: 3500 mm

MACHINE: ROBOTIC WELDING MIG / MAG

MODEL: Intecro Controlled Axes: 6 Reach: 2032 mm

MACHINE: SUBMERGED ARC WELDING MACHINE

MODEL: Kolonbom 4 Axis
Max. Diameter: 5000 mm
Max. Length: 6000 mm 4-axis

MACHINE: LATHE 2M

MODEL: Max. Diameter: 250 mm
Max. Length: 3000 mm

MACHINE: LATHE 3M

MODEL: TN71B Max. Diameter: 250 mm
Max. Length: 3000 mm

MACHINE: BAND SAW (SMALL)

MODEL: KMO 280 D6 Max. Q280mm

MACHINE: 4 ROLLS HYDRAULIC PLATE BENDING

MODEL: 460 Max. Thickness: 50 mm
Max. Width: 3 mm
Max. Diameter: 5m

MACHINE: CNC PLASMA

MODEL: PP 260 A

MACHINE: BAND SAW (BIG)

MODEL: SYDGS40 Max. Q550mm

MACHINE: RADIAL DRILL SMALL

MODEL: Max Hole Diameter: 1400mm
Max. Height: 650mm

MACHINE: PROFILE BENDING

MODEL: WR50/2 Max. Thickness: 100 mm
Min. Diameter: 700 mm

MACHINE: PRESS

MODEL: HYDRAULIC PRESS
Weight: 160 tons
Speed: 10mm/sec



OUR REFERENCES

SMS group

DANIELI

MIDREX

ANDRITZ

ArcelorMittal

OYAK

VAG

TOSYALI
HOLDING

SIEMENS

INTECO

TOSYALI
ALGERIE

OPTIMA
POWER

ŞİŞECAM

MUHR

Baker Hughes

LIBERTY

قطر ستيل
QATAR STEEL

شركة السوييس للصليب
SUEZ STEEL CO.

الجزائرية القطرية للصليب
ALGERIAN QATARI STEEL

kardemir
Çelik Sanayi A.Ş.

SOCIÉTÉ DE SERVICE
ENTREPRISE DE TRANSPORT
SSET

İDÇ
İZMİR DEMİR ÇELİK
SANAYİ A.Ş.

Metso

GE VERNOVA

SASA
POLYESTER SAN. A.Ş.

STEEL
MMK METALURJİ

LOESCHE

GlobalHydro

ATAKAŞ
ÇELİK SANAYİ VE TİCARET A.Ş.

FERROS

Statkraft

Çolakoğlu Metalurji

HABAŞ

VERTRA
Steel

CONSOLIS
PHILBERT

VOITH

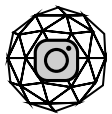
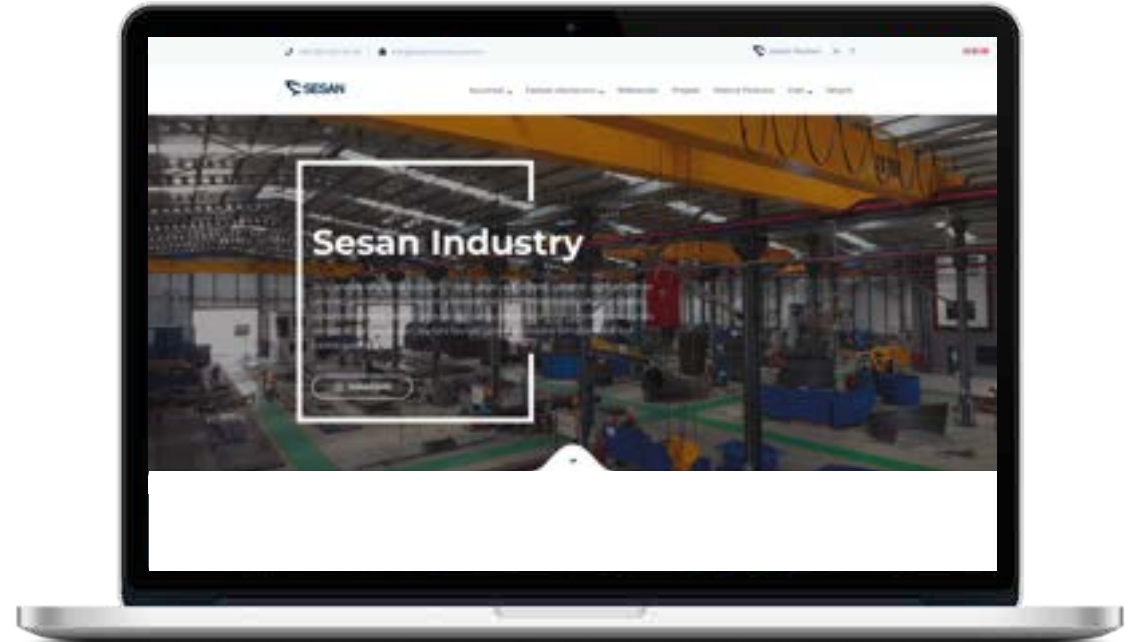
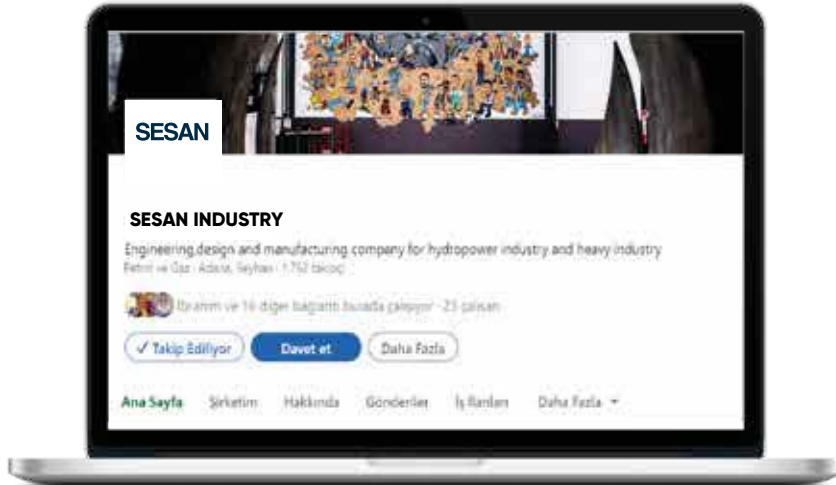
GEPPERT
HYDRO

PSi

GUGLER
TECHNOLOGY FOR HYDROPOWER PLANTS



**"POWER BEHIND
THE INDUSTRY"**



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THE POINT WHERE ART AND ENGINEERING MEET