

لاهيج سوله
LahijSouleh

SPECIALISTS IN THE DESIGN AND CONSTRUCTION OF
STEEL STRUCTURES: INDUSTRIAL, RESIDENTIAL, AND VILLAS
SINCE 1997

The background of the entire page is a complex, abstract geometric pattern. It consists of numerous thin, light blue lines that intersect to form a variety of shapes, including triangles, quadrilaterals, and larger, more irregular polygons. The lines are drawn at different angles, creating a sense of depth and movement. The overall effect is a dense, woven texture that resembles a stylized architectural structure or a modern, abstract artwork.


LAHIJ SOULEH INDUSTRIAL GROUP

INFRASTRUCTURE FOR BUILDING FUTURE



48 YEARS OF EXPERIENCE FROM THE PREVIOUS GENERATION
COMBINED WITH THE ENERGY AND MODERN OUTLOOK
OF THE YOUTH.


100.000
Tons of
structures


48
Cities


1700
Projects


1300
Customers


400
Skilled staff


45.000m²
Manufacturing
area

At Lahij Souleh, we believe that achieving the best results in any project requires time, energy, and high precision. Our experienced technical and engineering teams begin each project with detailed assessments and calculations tailored to the project's unique requirements and the client's expectations. Based on these evaluations, we design the initial technical drawings and plan a detailed schedule for production, assembly, and installation. Production is constantly monitored by our managers and engineers to ensure quality and consistency. Once the quality control phase is complete, the structure is loaded, transported to the site, and installed using most specialized equipment and skilled personnel.

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FOUNDER OF LAHIJSOULEH COMPANY

HADI NEJAD BAGHER LAHIJI

Hadi Nejad Bagher Lahiji began his journey in 1976 with traditional welded frame construction, gradually updating methods through new technologies. His forward-thinking vision led to the founding of Lahij Souleh in 1997, officially registered in 2003.



CEO OF LAHIJ SOULEH COMPANY **HANI NEJAD BAGHER LAHIJI**

In the industrial world, true success is only achievable through knowledge, experience, and the utilization of modern technology. As one of the country's leading companies in the field of steel structures, Lahij Souleh has always been committed to the belief that continuous progress is achieved by cultivating the next generation. In this regard, since 2011, Hani Nejad Bagher Lahiji, alongside his father (the company's founder), has devoted himself with exceptional passion and dedication to mastering the technical principles of construction, managing large-scale projects, leading human resources, and adopting modern production processes.

HISTORY

In 1976, the founder of Lahij Souleh compny, Mr. Hadi Lahiji began working in the field of traditional welded steel frame construction. Over time, he integrated modern technologies into his practice, continuously updating methods and techniques. Recognized for his future-oriented thinking and dedication to discovering modern approaches to growth, he successfully obtained the industrial license to establish Lahij Souleh after 21 years of successful activity in Lahijan, officially registering the company in 2003.

Today, Lahij Souleh stands as a leading name in Iran's steel construction industry—a successful blend of expertise and advanced technology. The company has established itself as one of the premier companies in the country, with its name proudly associated with numerous large-scale and exceptional projects involving the design, construction, and installation of heavy, bolt-and-nut steel structures across the country.



CONSTRUCTION OF LANGAROU D MOSQUE
 DOME IN 1997



THE FOUNDER OF LAHIJ SOULEH COMPANY
 IN 1989



THREE GENERATIONS OF LAHIJI FAMILY
 IN THIS INDUSTRY



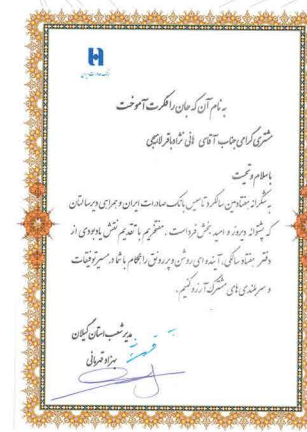
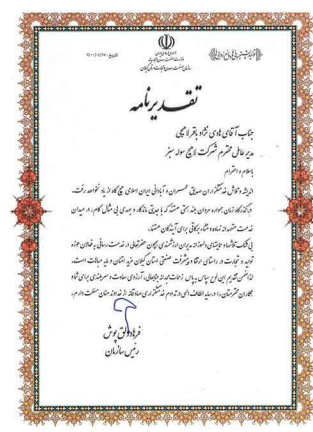
THE FOUNDER OF LAHIJ SOULEH COMPANY
 IN 1983

ABOUT US

At Lahij Souleh, the roots of our **beliefs** lie in an unwavering commitment to quality, attention to engineering principles, and continuous innovation. We firmly believe that success can only be achieved through strict compliance with international standards, conducting multistage quality control, and leveraging the latest global technologies.

Our work begins from the very first step of design — where our specialists and engineers engage directly with clients to thoroughly understand their needs and project objectives, providing modern and scientifically grounded solutions. At every stage, from production to assembly and installation of steel structures, every member of our team operates with a sense of responsibility, precision, and efficiency, upholding professional ethics and transparency.

We believe true customer satisfaction is only achieved when the finest products and services are delivered with honesty, responsiveness, and respect. Our greatest assets are our skilled workforce, principled processes, and the continuous advancement of our company's knowledge and equipment.



SOME OF THE LEADING BRANDS WE HAVE HAD THE HONOR TO WORK WITH:





PROJECTS

LAHIJSOULEH



ASALEM BRIDGE

WINNER OF THE 2024 NATIONAL
STEEL STRUCTURE AWARD
[BRIDGE CATEGORY]





ASALEM BRIDGE

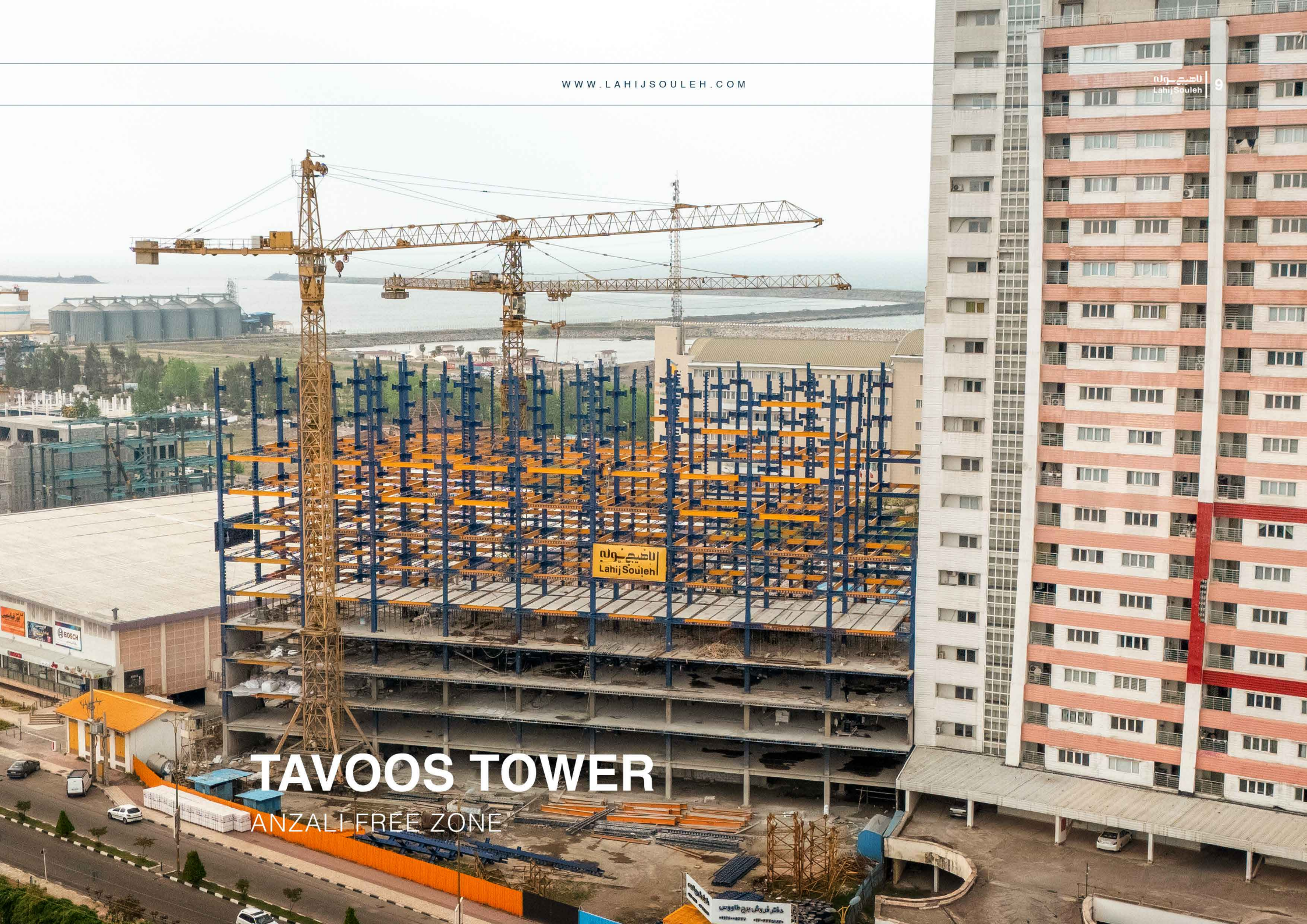


1000



ASALEM

Asalem Bridge is a major arch bridge project with a 70-meter span, 28 meters in width, and weighing approximately 1,000 tons. In 2020, the Ministry of Roads and Urban Development assigned this project to Lahij Souleh. The bridge includes two side pylons and one central pylon. The side pylons rise 18 meters above the bridge deck, while the central pylon is 15 meters tall. Each side pylon consists of 5 segments, totaling 80 tons, and the central pylon also includes 5 segments, totaling 120 tons. The bridge deck comprises two side girders (each made up of 4 segments totaling 60 tons) and one central girder (4 segments totaling 100 tons).



TAVOOS TOWER

ANZALI FREE ZONE

لاحيه سوله
Lahij Souleh

دفتر فروش مصالح
لاحيه سوله
400-880000

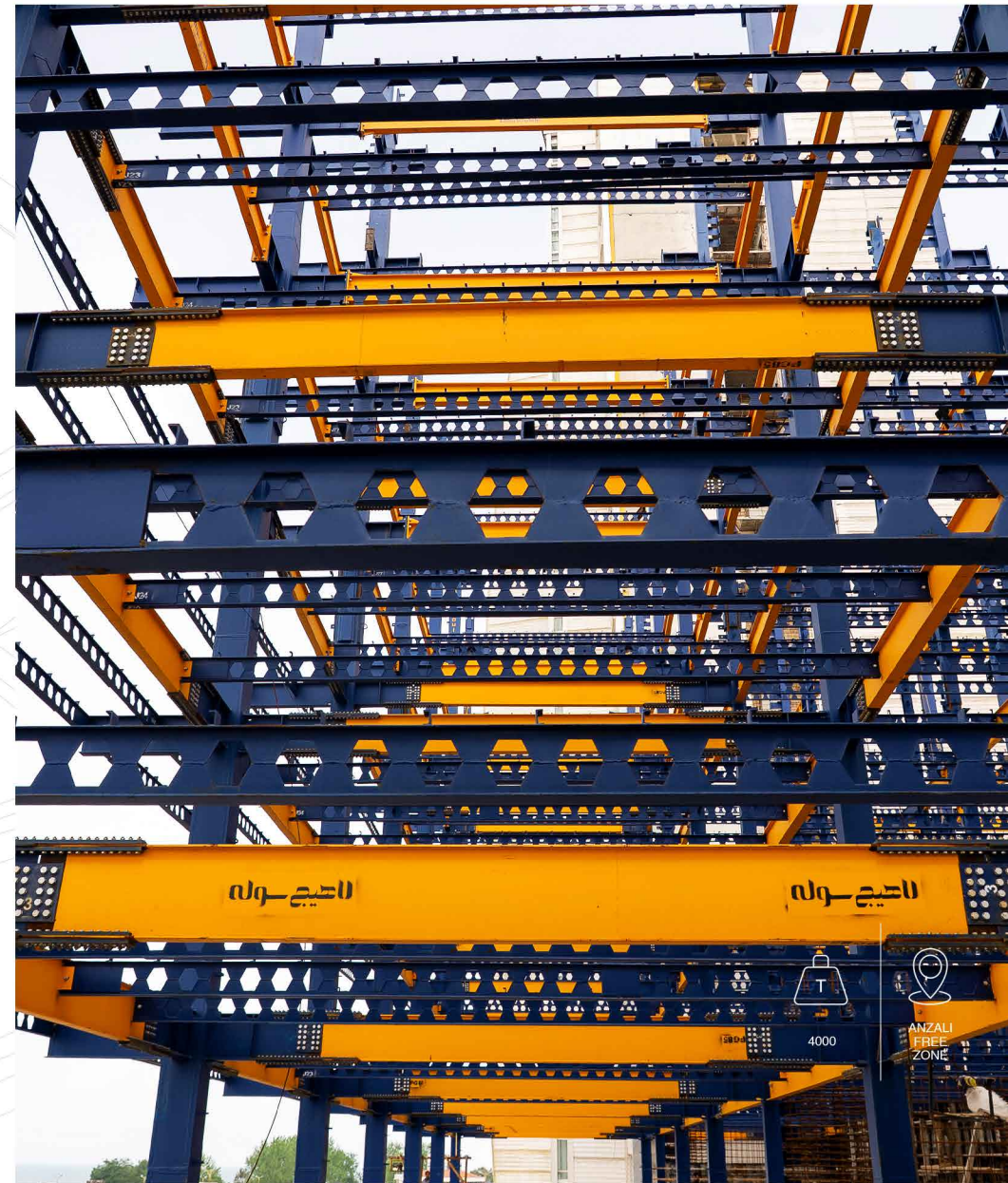


TAVOOS TOWER

Structure weight: 4000 tons

Structure usage: Residential complex

Installation and transportation: Lahij Souleh





CITADIUM MALL

CITADIUM is Iran's first chain commercial-entertainment center. The Rasht branch is under construction on a 51,306 m² plot at Km 5 of the Rasht–Anzali road and spans four floors. Due to its advanced execution capabilities, Lahij Souleh was selected to construct and install the skylight structure at elevation +19.29, the crown structure at +24.34, and the emergency staircases. These structures involved complex technical and structural challenges, particularly in connecting steel beams to pre-cast concrete columns a task successfully managed with precise coordination between our engineering office, surveying team, and execution crew.

Structure Weight: 350 tons

Type: Friction and bearing bolted connections

Coating: Zinc-rich paint, 120-micron thickness

CITADIUM MALL RASHT

CHEETOZ MAMOUNIEH



1200



MAMOONIEH





CHEETOZ MAMOUNIEH

Location: Tehran, Mamounieh Industrial City

Year of Construction: 2023

Structure Type: Steel Structure

Project Weight: 1,200 tons

Construction, Transportation & Installation: Lahij Souleh Company

WWW.LAHJISOULEH.COM

010-2015
Lahij Souleh

COMPANY DEVELOPMENT PLAN

COMPANY DEVELOPMENT PLAN

Lahij Souleh is on the path of development, continually upgrading its production lines with the latest equipment and technology available worldwide. Our goal is to enhance production capacity, improve service delivery, and increase competitiveness in both domestic and international markets.



PHASE 3 OF NADERI COMPANY

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PHASE 3 OF NADERI COMPANY



450



LAHIJAN



LEXON TOWER

TEHRAN





LEXON TOWER

Location: Eastern Side of Chitgar Lake, District 22,

Number of floors: 32 floors

The tonnage of the structure: 7000 tons

Structural Designer: Dr. Rasoul Mirghaderi

Architectural Designer: Engineer Farzad Deliri



200



ZANJAN

GOLRANG PROJECT

GOLRANG PROJECT



BEHDASHT KAR





BEHDASHT KAR

Structure weight: 610 tons

Structure usage: Industrial structure

Installation and transportation: Lahij Souleh

CHEETOZ

TEHRAN, ELAHIYEH

CHEETOZ COMPANY PROJECT

This project has a total steel weight of 635 tons, with an average floor area of 420 square meters. The construction, transportation, and installation operations were carried out in 2024 by Lahij Souleh Company.



KARKHAH PROJECT



500



RASHT

KARKHAH PROJECT

RASHT, GOLSAR



GILAN RASHT GLOVES





GILAN GLOVES

Structure weight: 1200 tons

Structure location: Rasht, Saravan

Installation and transportation: Lahij Souleh



The background of the image is a complex, abstract geometric pattern. It consists of numerous thin, light gray lines that intersect to form a variety of polygons, including triangles, quadrilaterals, and larger irregular shapes. The lines are oriented in many different directions, creating a sense of dynamic movement and depth. The overall effect is a modern, architectural feel that suggests structural elements and precision.

FROM FOUNDATION TO FINISH
WE DELIVER STEEL STRUCTURES
DEFINED BY QUALITY,PRECISION
AND PERFORMANCE.



EQUIPMENT

LAHIJSOULEH

REWINDING MACHINE

Lahij Souleh Factory is equipped with a Rewinding machine that can open steel rolls at a maximum thickness of 20 mm and convert them to flat panels with high precision. This enables us to provide the required raw materials with great precision and high speed.

S.M.C



GUILLOTINE MACHINE



LASER CUTTING MACHINES

Our 12kW laser cutting machine delivers precision cuts through materials up to 35mm thick — fast, clean, and effortlessly. It is capable of performing the most complex and precise cuts in the shortest possible time.



LASER CUTTING MACHINES

With its advanced 12kilowatt laser cutting machine, Lahij Souleh Company is capable of performing the most complex and precise cuts in the shortest possible time.

6KW LASER CUTTING MACHINE



WWW.DAVOUDCNC.COM





6KW LASER CUTTING MACHINE

One of today's most modern and precise cutting techniques is laser cutting. This method—offering high accuracy, exceptional speed, and flexibility across a wide range of materials—has revolutionized the cutting industry.



PLASMA CUTTING MACHINE

PLASMA CUTTING MACHINES

By utilizing the most advanced HeadBull plasma cutting machine, Lahij Souleh Company is fully prepared to execute the most precise and complex steel structures. Its exceptional precision, high speed, and superior sheetcutting quality are all the result of stateoftheart equipment built to worldclass standards.





CNC CUTTING MACHINE-OXY-FUEL

10-PIC CUTTING MACHINE



CNC DRILLING MACHINE

The use of a CNC drilling machine at Lahij Souleh Company enables the creation of holes in steel plates in various patterns and dimensions, tailored to customer requirements.



BOX SECTION WELDING MACHINE

By employing advanced boxsection forming equipment, the company has resolved the major challenge in manufacturing box sections, which were often prone to warping, bending, or twisting.



H SECTION WELDING MACHINE

With two fully automated H section machines offering unlimited length capacity, Lahij Souleh Company manufactures all its I and H shaped members in every technical dimension, ensuring high quality and exceptional production speed.



ELECTRO SLAG WELDING



SUBMERGED WELDING MACHINE

Lahij Souleh has 4 Submerged Welding Machine, 6 submerged welding truck and 3 Column and Boom Submerged Welding Machine, which are capable of performing all longitudinal corner welding of main parts as well as diffusion welding of flange and web of beams. This process is performed in a fully automated and high-speed manner.



CO₂ WELDING

In previous methods, where joint welding was mainly carried out using manual electrodes, the relatively large electrode diameter (typically 4 to 5mm) and the slag produced during welding often caused defects in the weld bead. To eliminate such issues, Lahij Souleh Company employs CO₂ welding with a 1.2mm electrode diameter in seams and grooves. Using higher amperage creates a more stable molten pool, while the shielding gas provided by CO₂ prevents slag entrapment between passes. This process is performed semiautomatically and delivers outstanding weld quality.

SHOT BLASTING MACHINE



SHOT BLASTING MACHINE

Featuring a movable rail or rolling cylinder system, this machine smoothly delivers workpieces into the shotblasting chamber. Curtainstyle elastics at both inlet and outlet keep every blasting pellet contained. Purposebuilt for heavy industry, it offers unmatched capacity and finish quality—outperforming outdated sandblasting methods in both efficiency and precision.





LOGISTICS AND INSTALLATION

LAHIJ SOULEH COMPANY'S 20 AND 50 TON CRANES

Lahij Souleh, supported by a skilled and experienced installation team and equipped with a range of machinery including 50-ton, 20-ton, 10-ton, and 5-ton cranes, heavy-duty trailers, and various other resources has the capability to efficiently and reliably complete projects on time and within budget, all the way through to final execution.



تعداد	NAME OF EQUIPMENT	تجهیزات شرکت لاهیج سوله	تعداد	NAME OF EQUIPMENT	تجهیزات شرکت لاهیج سوله
2	30-ton gantry crane.	جرتقیل دروازه ای ۳۰ تن	1	Smart Focus 300-amp Kjellberg (Germany) plasma cutting machine with 70mm cutting capacity, equipped with a 5x15meter worktable.	دستگاه برش پلاسمای اسمارت فوکوس ۳۰۰ آمپر کجلیبرگ آلمان با توانایی برش ۷۰ میلیمتر به همراه میز کار ۱۵*۵ متر
1	5-ton gantry crane.	جرتقیل دروازه ای ۵ تن	1	30-kilowatt H-Beam laser cutting machine, equipped with MAX laser source and Bocl cutting head, featuring a 5x15meter worktable.	دستگاه لیزر برش ۳۰ کیلووات مخصوص برش H-BEAM - سورس MAX و هد BOCI با میز کار ۱۵*۵
2	20-ton semi-gantry crane.	جرتقیل نیم دروازه ای ۲۰ تن	1	12-kilowatt laser cutting machin(cut up to 10mm thickness), equipped with a 2x6meter worktable.	دستگاه لیزر ۱۲ کیلووات با توانایی برش تا ضخامت ۱۰ میلی متر به همراه میز کار ۶*۲
3	10-ton semi-gantry crane.	جرتقیل نیم دروازه ای ۱۰ تن	1	6-kilowatt laser cutting machine (cut up to 25mm thickness), equipped with a 2x6meter worktable.	دستگاه لیزر ۶ کیلووات با توانایی برش تا ضخامت ۲۵ میلی متر به همراه میز کار ۶*۲
2	2-ton semi-gantry crane.	جرتقیل نیم دروازه ای ۲ تن	1	CNC oxy-fuel cutting machine with pipe-cutting plasma attachment, (utting up to 80mm), equipped with 2x6meter worktable.	دستگاه هوا برش CNC گرم به همراه پلاسمای لوله بر ، برش به ضخامت ۸۰ میلیمتر با میز کار ۶*۲
5	5-ton semi-gantry crane.	جرتقیل نیم دروازه ای ۵ تن	2	Oxy-fuel cutting machine (cut up to 80mm), equipped with a 3x160meter worktable.	دستگاه هوا برش ، برش تا ضخامت ۸۰ میلی متر به همراه میز کار ۳*۱۶۰
1	50-ton Mitsubishi Kato mobile crane.	جرتقیل کاتو ۵۰ تن میتسوبیشی متحرک	3	H-section welding machine.	دستگاه اج ساز
1	20-ton Mitsubishi Kato mobile crane.	جرتقیل کاتو ۲۰ تن متحرک	2	Versatile combination positioner	پوزیشیونر ترکیبی
1	5-ton Macros mobile crane.	جرتقیل متحرک ۵ تن ماکروس	2	BOX-section welding machine.	دستگاه باکس ساز
1	10-ton flatbed mobile crane.	جرتقیل ۱۰ تن کفی متحرک	1	Shot blasting machine.	شات بلاست
1	10-ton Kato rough-terrain crane.	جرتقیل ۱۰ تن کاتو کارگاهی	4	Airless painting machine.	دستگاه ایرلس
2	6-ton forklift.	لیفتراک ۶ تن	2	Sand blasting machine.	سند بلاست
1	4.5-ton forklift.	لیفتراک ۴٫۵ تن	4	Submerged welding machine.	دستگاه زیر پودری دروازه ای
1	German 7-in-1 punching machine.	دستگاه پانچ هفت کاره آلمانی	6	Single-torch submerged arc welding machine.	دستگاه زیر پودری تک نازله
5	Large punching machine.	دستگاه پانچ بزرگ	40	CO ₂ cutting machine.	دستگاه CO ₂
2	Four-hole punching machine.	دستگاه پانچ چهار سوراخ	30	Rectifier machine.	دستگاه ریکتی فایر
3	Single-hole punch30	پانچ تک سوراخ ۳۰	3	20-ton overhead crane.	جرتقیل سقفی ۲۰ تن
90	Stone Cutting Machine	دستگاه سنگ برش	3	15-ton overhead crane.	جرتقیل سقفی ۱۵ تن
60	Small Stone Cutting Machine	دستگاه سنگ برش کوچک	5	10-ton overhead crane.	جرتقیل سقفی ۱۰ تن
20	Magnet Machine	دستگاه مگنت (آهنربا)	3	30-ton overhead crane.	جرتقیل سقفی ۳۰ تن
3	Magnet	مگنت آهنربایی	2	3-ton overhead crane.	جرتقیل سقفی ۳ تن
3	Single Torch Rail Cutting Machine	برش ریلی تک پیک گام	4	5-ton overhead crane.	جرتقیل سقفی ۵ تن
2	Threading machine	دستگاه رزوه	3	1-ton overhead crane.	جرتقیل سقفی ۱ تن
1	Retaining ring machine	دستگاه خار ساز	1	35-ton gantry crane.	جرتقیل دروازه ای ۳۵ تن
1	back-spot welding	دستگاه پشت زدی			
2	2-meter Tabrizi lathe	دستگاه تراش تبریزی ۲ متری			
4	Press Machine	دستگاه پرس			
1	Roll unwinder Machine	رول باز کن			
10	Container	کانکس			

تعداد	NAME OF EQUIPMENT	تجهیزات شرکت لاهیج سوله	تعداد	NAME OF EQUIPMENT	تجهیزات شرکت لاهیج سوله
1	Mack 18-Wheel Truck	تریلی ماک ۱۸ چرخ	4	Geared Drill	دریل گیربکس
1	FAW 18-Wheel Truck	تریلی فاو ۱۸ چرخ	4	Radial Column Drill	دریل رادیال ستونی
1	Nissan Truck	خودرو نیسان	25	Magnetic Core Drill	دریل مغنت گردبر
1	Renault Logan L90	ماشین ال ۹۰	40	Hand Drill	دریل دستی
1	Minibus	ماشین مینی بوس	2	Gantry SAW Machine	دستگاه جوش زیرپودری دروازه‌ای
1	Nissan Crane Truck	نیسان جرثقیل	2	Electroslag Welding	الکترو اسلگ
1	6-Meter Guillotine Shear	گیوتین ۶ متری	10	Horizontal 3-Phase Air Compressor	کمپرسور باد خوابیده ۳ فاز
2	3-Meter Guillotine Shear	گیوتین ۳ متری	4	Horizontal Single-Phase Air Compressor	کمپرسور باد خوابیده تک فاز
2	CO ₂ Storage Tank	مخزن CO ₂	6	Vertical Air Compressor	کمپرسور باد ایستاده
1	500-Liter Diesel Tank	تانکر گازوئیل ۵۰۰ لیتری	12	Single-Torch Rail Cutting Machine	برش ریلی تک نازل
2	8,000-Liter Diesel Tank	تانکر گازوئیل ۸۰۰۰ لیتری	26	Single-Phase Welding Machine	دستگاه جوش تک فاز
6	Air Tank	مخزن هوا	1	50-Ton Press Machine	پرس ۵۰ تن
2	LA37 Air Tank	مخزن هوا سان LA37	1	100-Ton Press Machine	پرس ۱۰۰ تن
85	Compressed Air Tank	کپسول هوا	2	60-Ton Lahij Souleh Weighbridge	باسکول ۶۰ تنی لاهیج سوله
106	Gas Cylinder	کپسول گاز	2	Mechanical and Digital Weighbridge	باسکول سنگی و دیجیتالی
80	CO ₂ Cylinder	کپسول CO ₂	60	Pneumatic Impact Wrench(Various Power Ratings)	بکس بادی با قدرت‌های مختلف
36	Fire Extinguisher	کپسول آتش نشانی	30	Electric Impact Wrench	بکس برقی
1	Roll Clamp	پنسل رول گیر	1	Band Saw	اره نواری
1	Roll Turner Clamp	پنسل رول برگردان	1	Cut-off Saw	اره آتشی
2	Crane Hoist	بالابر جرثقیل	2	120kW Electric Generator	مولتور برق ۱۲۰ کیلو وات
1	Four-Function Crane Hoist, 10ton capacity	بالابر چهار کاره به ظرفیت ۱۰ تن	1	50kW Perkins Diesel Generator	مولتور برق ۵۰ کیلو وات پرکنز
6	Three-Phase Electric Motor	الکترومولتور ۳ فاز	1	80kW Benz Diesel Generator	مولتور برق ۸۰ کیلو وات بنز
8	3.2-Ton Wire Rope Pulling Hoist	تیفور سیم بکسل ۳۲۰۰	1	100kW Diesel Generator	مولتور برق ۱۰۰ کیلو وات
6	Manual Chain Block	انواع جیم پلاک زنجیری	2	200kW Cummins Diesel Generator	مولتور برق ۲۰۰ کیلو وات کمنز
2	Bench Grinder	سنگ رو میزی	2	130kW Volvo N10 Diesel Generator	مولتور برق ۱۳۰ کیلو وات ولوو N10
6	3-Ton Manual Chain Hoist	جیم پلاک ۳ تن	1	10kW Single-Phase Gasoline Generator	مولتور برق بنزینی تک فاز ۱۰ کیلو وات

The background of the image is a complex, abstract geometric pattern. It consists of numerous thin, light gray lines that intersect to form a variety of shapes, including triangles, quadrilaterals, and larger polygons. Some of these shapes are filled with a very light gray color, creating a sense of depth and layering. The overall effect is a dynamic, architectural-looking composition that suggests the structure of steel.

STEEL STRUCTURES FOR THE WORLD AHEAD...

RASHT OFFICE: PERSHIA STREET, RASHT INDUSTRIAL TOWN

LAHIJAN OFFICE: KM 3, LAHIJAN-RASHT ROAD

PHONE: 009813-42293030

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