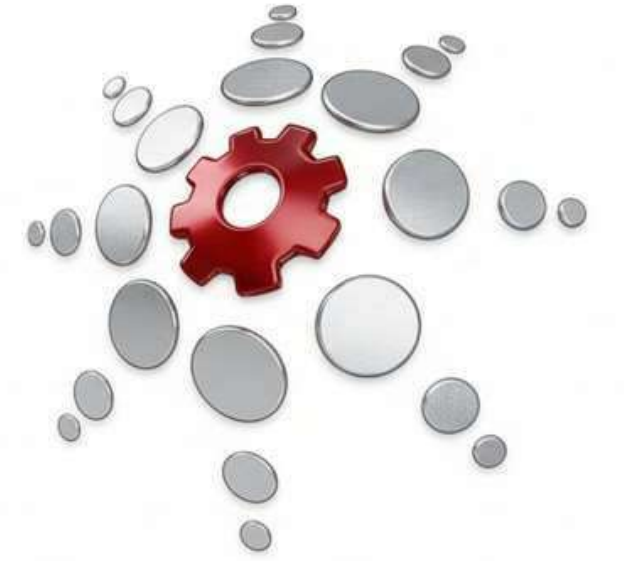




YALEEN
Company For Steel
شركة يلين للحديد



Steel Solutions. Stronger Futures.

WHO WE ARE



Since its establishment in 2016 in Riyadh, **YALEEN COMPANY FOR STEEL** has grown into a leading Saudi manufacturer of steel abrasives. Thanks to its advanced production lines and integrated infrastructure, the company has become a major supplier to vital sectors, providing highly efficient and high-quality solutions. This reflects its strong commitment to industrial excellence and its role in supporting the Kingdom's aspirations for an advanced and sustainable industrial environment.



GOALS AND OBJECTIVES

YALEEN
Company For Steel
شركة يالين للحديد



- 01** Lead the Steel Abrasives Market by delivering high-quality steel shots and grits across local and international markets.
- 02** Enhance Production & Efficiency through continuous improvement, innovation, and strict quality control.
- 03** Build Strong Customer Relationships with reliable service, timely delivery, and a commitment to safety and sustainability.



STRATEGIES

01

Planning

Develop detailed production and resource plans to meet market demand while ensuring cost efficiency and on-time delivery.

02

Competitive

Strengthen our market position by offering consistent quality, flexible packaging, and competitive pricing to outperform rivals.

03

Analysis

Regularly analyze customer requirements, market trends, and raw material costs to make data-driven decisions.

04

Execution

Implement efficient manufacturing processes with strict quality control, focusing on safety, technology upgrades, and OEE improvement.

05

Growth

Expand production capacity, develop new product grades, and enter new regional and international markets.





OUR PRODUCTS



STEEL SHOTS



STEEL GRITS



PROFILUM GRITS



GRANITE CUTTING GRITS

Our Products

STEEL SHOTS

- ✿ - Fine spherical steel particles used in surface cleaning and preparation (shot blasting).
- ✿ - They ensure the removal of impurities and rust, preparing the surface for painting or industrial coating.

Applications: Automotive industry, bridge preparation, ship maintenance, oil & gas pipelines, and all types of steel castings.

STEEL GRITS

- ✿ - High-hardness abrasive materials available in multiple sizes.
- ✿ - Effective in removing coatings and rust, enabling deep cleaning, and providing the required surface roughness before recoating.

Applications: Offshore oil platforms, marine equipment, and various steel structures and surfaces.





QUALITY & PRECISION



SAE. NO	Normal size	Tolerance	Screen No	mm
S-780	2.00	All Pass	7 Screen	2.80
		85% Min on no	10 Screen	2.00
		97% Min on no	12 Screen	1.70
S-660	1.68	20% Max	8 Screen	2.36
		85% Min on no	12 Screen	1.70
		97% Min on no	14 Screen	1.40
S-550	1.41	30% Max	10 Screen	2.00
		85% Min on no	14 Screen	1.40
		97% Min on no	16 Screen	1.18
S-460	1.19	All Pass	10 Screen	2.00
		30% Max on no	12 Screen	1.70
		85% Min on no	16 Screen	1.18
		97% Min on no	18 Screen	1.00
S-390	1.00	All Pass	12 Screen	1.70
		20% Max on no	14 Screen	1.40
		85% Min on no	18 Screen	1.00
		97% Min on no	20 Screen	0.85
S-330	0.84	All Pass	14 Screen	1.40
		10% Max on no	16 Screen	1.18
		85% Min on no	20 Screen	0.85
		97% Min on no	25 Screen	0.71
S-280	0.71	All Pass	16 Screen	1.18
		30% Max on no	18 Screen	1.00
		85% Min on no	25 Screen	0.71
		97% Min on no	30 Screen	0.60
S-230	0.6	All Pass	18 Screen	1.00
		30% Max on no	20 Screen	0.85
		85% Min on no	30 Screen	0.60
		97% Min on no	35 Screen	0.50
S-170	0.43	All Pass	20 Screen	0.85
		30% Max on no	25 Screen	0.71
		85% Min on no	40 Screen	0.43
		97% Min on no	45 Screen	0.36
S-110	0.3	All Pass	30 Screen	0.60
		20% Max on no	35 Screen	0.50
		85% Min on no	50 Screen	0.30
		97% Min on no	80 Screen	0.18
S-70	0.2	All Pass	40 Screen	0.43
		5% Max on no	45 Screen	0.36
		85% Min on no	80 Screen	0.18
		97% Min on no	120 Screen	0.13

SAE. NO	Normal size	Tolerance	Screen No	mm
G - 14	1.41	10% Max on no	10 Screen	2.00
		80% Min on no	14 Screen	1.40
		90% Min on no	16 Screen	1.18
G - 16	1.19	20% Max on no	12 Screen	1.70
		80% Min on no	16 Screen	1.18
		97% Min on no	18 Screen	1.00
G - 18	1.00	30% Max on no	14 Screen	1.40
		85% Min on no	18 Screen	1.00
		97% Min on no	25 Screen	0.71
G - 25	0.71	40% Max on no	16 Screen	1.18
		85% Min on no	25 Screen	0.71
		97% Min on no	40 Screen	0.43
G - 40	0.60	40% Max on no	18 Screen	1.00
		80% Min on no	30 Screen	0.60
		90% Min on no	35 Screen	0.50
G - 50	0.35	10% Max on no	25 Screen	0.71
		80% Min on no	45 Screen	0.35
		90% Min on no	50 Screen	0.30
G - 80	0.20	20% Max on no	40 Screen	0.43
		75% Min on no	80 Screen	0.18
		90% Min on no	120 Screen	0.13

Chemical Analysis				
Carbon:	0.8 - 12 %		Sulfur:	< 0.05%
Manganese:	0.6 - 1.2 %		Phosphorus:	< 0.05%
Silicon:	> 0.4%			

Specifications			
Shots		Grits	
Microstructure :	Tempered martensite	Tempered/ Uniform martensite	
Density :	> 7 g/cm ³	> 7.3 g/cm ³	
Hardness :	40 - 51 HRC	GP= 40-51 HRC	GM= 47-56 HRC
		GL= 54-61 HRC	GH > 60 HRC
Shape	Spheroidal	Angular	

STEEL SHOTS SPECIFICATION



Steel Shots

premium-grade steel abrasives designed for cleaning, surface preparation, and peening applications. Manufactured from high-quality steel and heat-treated for uniform hardness, they deliver consistent blasting performance and a smooth, even finish with minimal dust.

ABRASIVE	Steel Shots
Shape	Spheroidal
Chemical Composition	C: 0.8-1.2%
	Mn: 0.6-1.2%
	Si: >0.4%
	S: <0.05%
Hardness	P: <0.05%
	40 - 51 HRC
Density	> 7 g/cm ³
Microstructure X 500	Tempered Martensite

Sieve #	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120
mm	2.8	2.36	2.0	1.7	1.4	1.18	1	0.85	0.71	0.6	0.5	0.42	0.355	0.3	0.18	0.125
S780	AP		>90	>97												
S660	AP	<20		>97												
S550		AP	<30		>90	>97										
S460			AP	<30		>90	>97									
S390				AP	<20		>85	>97								
S330					AP	<10		>85	>97							
S280						AP	<30		>90	>97						
S230							AP	<30		>90	>97					
S170								AP	<30		>90	>97				
S110									AP	<20				>90	>97	
S070											AP	<5			>90	>97

STEEL GRITS SPECIFICATION



Steel Grits

high-quality angular steel abrasive produced by crushing steel shots into sharp-edged particles. The angular shape provides aggressive cleaning action, making it ideal for removing tough contaminants and creating a rough profile on metal surfaces for better coating adhesion.

ABRASIVE	Steel Grits
Shape	Angular
Chemical Composition	C: 0.8-1.2%
	Mn: 0.6-1.2%
	Si: >0.4%
	S: <0.05%
Hardness	P: <0.05%
	GS: 40-51 HRC
	GM: 47-56 HRC
	GL: 54-61 HRC
Density	GH: >60 HRC
	>7.3 g/cm ³
Microstructure X 500	Tempered Martensite

Sieve #	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
mm	2.8	2.36	2.0	1.7	1.4	1.18	1.0	0.85	0.71	0.6	0.5	0.42	0.35	0.3	0.18	0.12	0.07
G12	AP	<20		>85	<97												
G14		AP	<10		>80	>90											
G16			AP	<10		>80	>90										
G18				AP	<30		>85	>97									
G25					AP	<40			>85	>95							
G40						AP	<20				>90	>96					
G50								AP	<10				>80	>90			
G80											AP	<20			>75	>90	
G120													AP	<10		>50	>80

PRECISION TESTING FOR QUALITY ASSURANCE

- Equipped with Spectrometer, Vickers Hardness Tester, Sieve Analysis Equipment, Sample Mounting Machine, and other precision instruments.
- Conducts chemical composition, hardness, and particle size analysis to meet international quality standards.
- Supports continuous quality control from raw materials to finished products.
- Provides accurate, reliable, and repeatable results to ensure customer trust and product excellence.



Our Scope of Work

Metal Industries Sector

Preparation of various metal surfaces before coating or forming, ensuring high quality in the final product.



Construction Sector

Preparation and treatment of concrete and steel structures to enhance durability and readiness for finishing processes.



Stone and Marble Industries Sector

Cutting and polishing granite and natural stones with high precision for premium architectural finishes.



Energy Sector

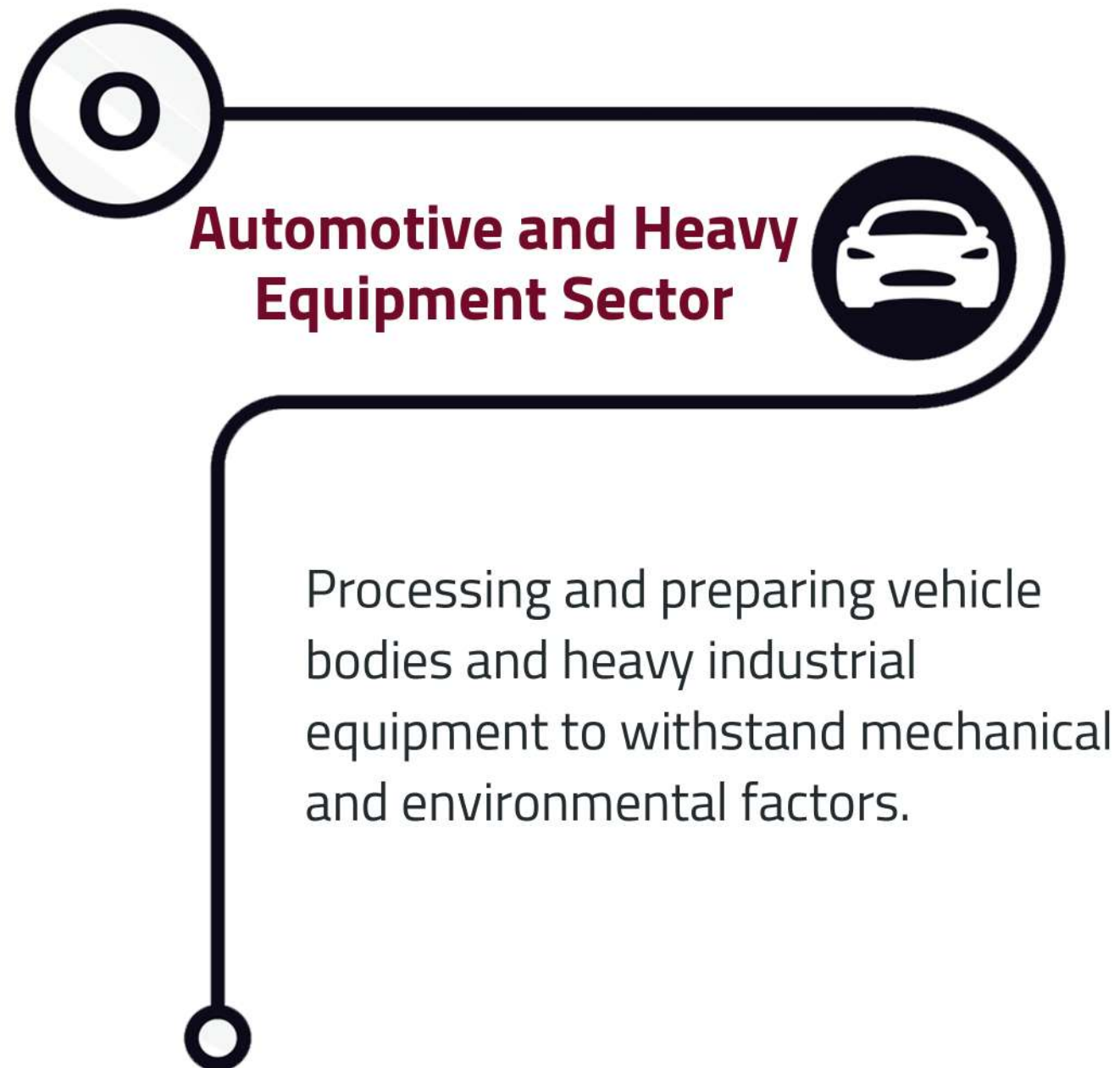
Processing of pipes, valves, oil & gas tanks, and power plants to ensure high resistance to corrosion and rust.



Marine Industries Sector

Cleaning and maintenance of ships, offshore platforms, and steel structures to withstand harsh environmental conditions.

Our Scope of Work



Our Industrial Methodology: Precision in Every Detail

Careful Selection of Raw Materials

We start from the right foundation by using high-quality steel that complies with international standards, ensuring durable products and sustainable efficiency.

Fully Integrated and Automated Production

We utilize modern, fully automated production lines that enable us to maintain consistent sizing, uniform shapes, and precise details in every batch.



Quality Testing at Every Stage

Beyond manufacturing, we rely on specialized laboratories to conduct rigorous quality tests, including:



Chemical analysis to ensure compliance with specifications.

Hardness testing to measure strength and density.

Abrasion resistance tests to ensure long product lifespan.

Meticulous Packaging and Finishing

We pay great attention to packaging and surface treatment, delivering products ready for direct use without the need for additional processing.

A True Partnership...

From Consultation to After-Sales

Understanding Needs: We begin with a thorough understanding of your requirements and challenges to propose the best solution for your projects.

Flexibility in Special Orders: We manufacture according to precise specifications tailored to each client's needs, ensuring perfectly suited solutions.

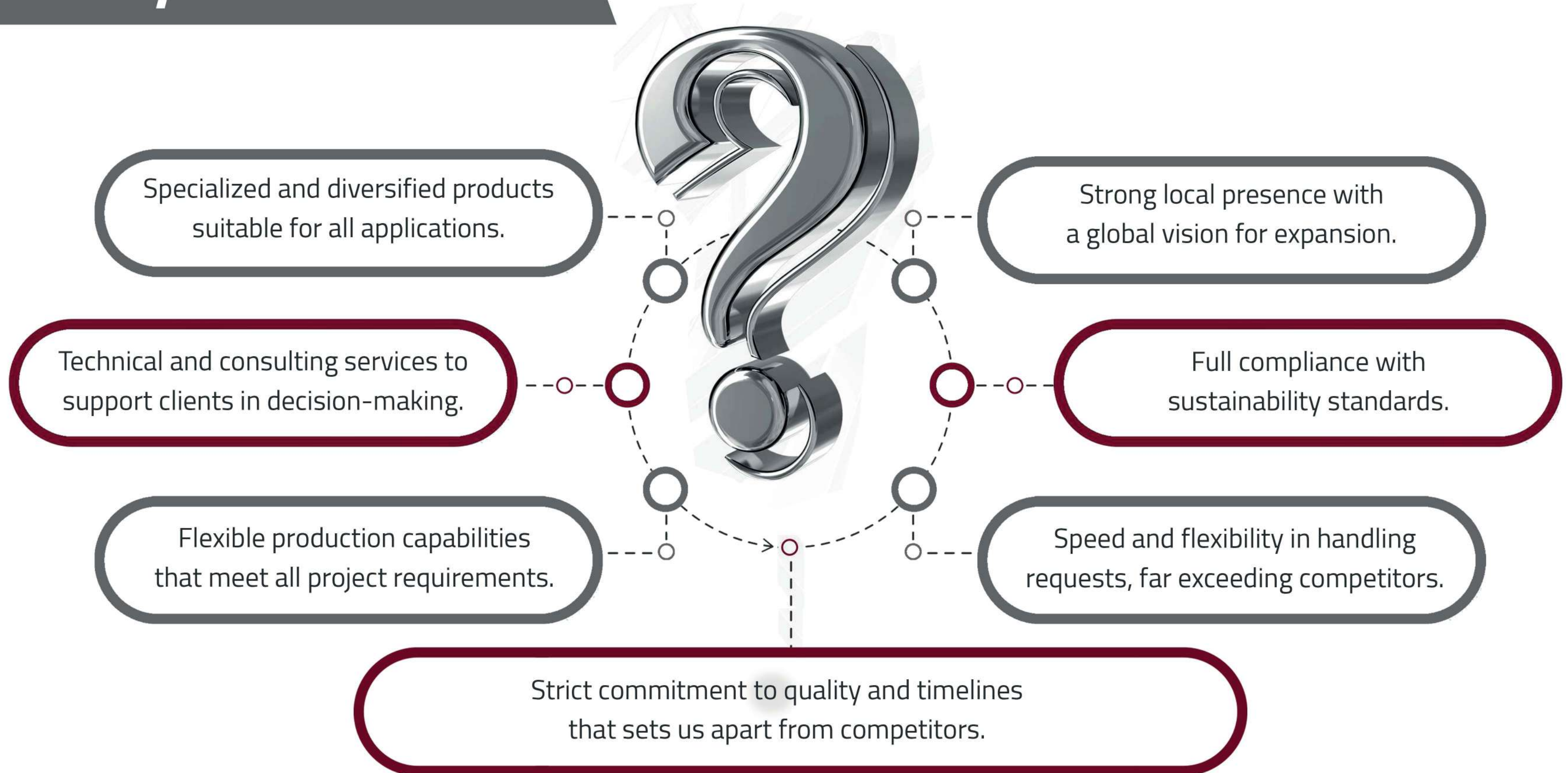
Quality Assurance: Every product undergoes strict, multi-stage testing before leaving the factory.

Fast Delivery: With an efficient logistics network covering Saudi Arabia and the GCC, we guarantee on-time delivery.

After-Sales Support: Our role doesn't end at delivery, we provide technical support whenever needed to ensure you gain maximum value from our products.



Why Yaleen Steel?



Cerificates



intertek
Total Quality. Assured.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

**YALEEN COMPANY FOR
STEEL**

Main Site: BUILDING NUMBER 2851,
SECONDARY NUMBER 6347,
HAWTAT SUDAIR, AL AZIZIYAH DIST,
POSTAL CODE: 15332,
KINGDOM OF SAUDI ARABIA

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacturing of steel shot and grit

Certificate Number:
0171264

Initial Certification Date:
01 April 2024

Date of Certification Decision:
01 April 2024

Issuing Date:
01 April 2024

Valid Until:
31 March 2027





Calin Moldovean
President, Business Assurance

Intertek Certification Limited, 10A Victory Park,
Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS
accredited body under schedule of
accreditation no. 014.



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KINGDOM OF SAUDI ARABIA

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ISO 14001:2015

The management system is applicable to:

Manufacturing of steel shot and grit.

Certificate Number:
0171267

Initial Certification Date:
01 April 2024

Date of Certification Decision:
01 April 2024

Issuing Date:
01 April 2024

Valid Until:
31 March 2027





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HAWTAT SUDAIR, AL AZIZIYAH DIST,
POSTAL CODE: 15332,
KINGDOM OF SAUDI ARABIA

has been registered by Intertek as conforming to the requirements of:

ISO 45001:2018

The management system is applicable to:

Manufacturing of steel shot and grit

Certificate Number:
0171268

Initial Certification Date:
01 April 2024

Date of Certification Decision:
01 April 2024

Issuing Date:
01 April 2024

Valid Until:
31 March 2027





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PACKING & STORAGE FACILITY

PACKING (FINAL PRODUCT) :

- **25 kg Heavy-Duty Bags:** Steel shots and grits are packed in moisture-proof PE/PP bags with inner lining, heat-sealed/stitched and labeled with product grade, size, batch, and weight details.
- **1 Ton Palletization:** Forty 25 kg bags (1,000 kg) are stacked on sturdy wooden/plastic pallets, shrink-wrapped and strapped for safe forklift and container handling.
- **Export-Ready Packing:** Each pallet is stretch-wrapped and secured to prevent damage during inland or overseas transportation, Also a custom jumbo-bag or bulk packing available on request.
- **Clear Identification:** Every pallet carries product stickers for easy traceability—showing grade, size, manufacturing date, and company details.

WAREHOUSE :

- **High-Capacity Storage:** The warehouse is designed to safely store up to 2,000 tons of steel shots and grits with proper protection against moisture and contamination.
- **Efficient Arrangement:** Materials are systematically organized for quick identification, easy access, and fast dispatch to meet customer demands.



YALEEN
Company For Steel
شركة يالين للحديد



OUR PARTNERS

Through Quality, We Build Trust



JDFF
Jdff Ductile Fitting Factory
مصنع حدف لمسبوكات الدكتايل



LIEBHERR



Specialized lines



DOOSAN



Sinoma



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