



PRECISION
—
TUBES



CONTENTS



Milestones	2
Borusan Holding at a Glance	4
Borusan Group Sustainability Approach	5
Borusan Pipe in Brief	6
Borusan Pipe's Sustainability Strategy	7
Beyond Borders Beyond Expectations	8
Standards & Certificates	10
Automotive Tubes	12
Hydraulic Applications	14
Industrial Applications	16
Production Ranges	18
Further Processing	22



MILESTONES

1958

Borusan Boru A.Ş. began its journey under the leadership of its founder, the late Asım Kocabıyık with 27 employees and five product varieties

1968

Halkalı ERW Pipe Plant started production, İstanbul, Türkiye

1969

First exports

1976

Gemlik ERW Pipe Plant started production, Bursa, Türkiye

1994

Borusan Pipe quoted on İstanbul Stock Exchange

2001

First investment abroad, acquisition cold drawn tube plant in Vobarno, Italy

2011

Gemlik HSAW Pipe Plant started production, Bursa, Türkiye

2012

Our founder Asım Kocabıyık passed away

2014

Baytown ERW started its operations, Texas, USA

2016

Bursa Service Center started its operations, Bursa, Türkiye

2019

Gemlik Cold Drawn Tube Plant started production, Bursa, Türkiye

2023

Acquisition LSAW pipe plant in Florida, USA and HSAW pipe plant in Alabama, USA

2024

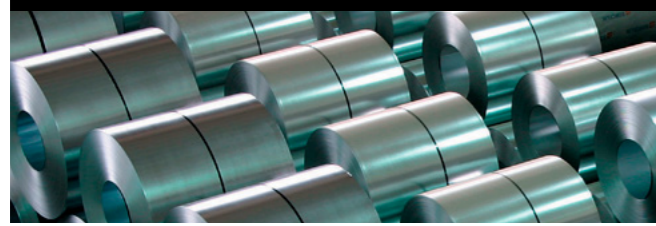
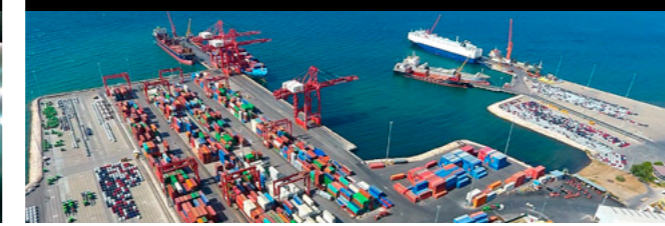




Ploiești Service Center started its operations, Romania. Baytown SRM Plant started production, Texas, USA



BORUSAN HOLDING AT A GLANCE

THE CORE STRATEGY OF THE BORUSAN GROUP IS BUILT ON A VISION THAT REMAINS OPEN TO GLOBAL MARKETS, WHILE CONTINUING TO CREATE ADDED VALUE FOR THE TURKISH ECONOMY THROUGH THE DEVELOPMENT OF INNOVATIVE PRODUCTS AND SERVICES.

Celebrating its 80th anniversary in 2024, Borusan Group continues its steady growth across the manufacturing, machinery, and power systems, automotive, logistics, energy, investments sectors different markets worldwide, especially in Türkiye.

<p>PRODUCTION GROUP</p> <p>Borusan Pipe Borçelik Supsan</p> 	<p>LOGISTICS GROUP</p> <p>Borusan Port</p> 
<p>AUTOMOTIVE GROUP</p> <p>Borusan Otomotiv</p> 	<p>ENERGY GROUP</p> <p>Borusan EnBW Sarj Borusan EnBW Enerji</p> 
<p>MACHINERY AND POWER SYSTEMS GROUP</p> <p>Borusan CAT</p> 	<p>CORPORATE VENTURE CAPITAL</p> <p>Borusan Ventures Borusan Yatırım</p> 

BUSINESS PARTNERS




BORUSAN GROUP SUSTAINABILITY APPROACH

A BETTER LIFE AND SUSTAINABLE FUTURE

Borusan Holding began its sustainability journey 19 years ago and, in 2020, updated its sustainability approach by integrating it into its core business strategy. Based on feedback from all stakeholders, priority topics were identified and Group-wide and company-specific targets were set for 2030. In 2025, progress will be reviewed and updated to include medium and long-term goals extending to 2034, 2044, and 2053.

The Group aligns its sustainability-focused efforts and initiatives under the value areas of Climate, People, and Innovation (i3), drawing inspiration from a general strategy that envisions a sustainable future and aims to inspire generations to come.



CLIMATE

Within the scope of Climate, we aim to reduce our Scope 1 and 2 greenhouse gas emissions to the lowest possible level and eliminate the remaining emissions with high-quality carbon offset methods, ultimately achieving Net Zero by 2053. We are reducing our carbon footprint, prioritizing energy efficiency, transitioning to renewable energy, and supporting circular economy projects such as waste management and water reuse.



HUMAN

The People focus area emphasizes retaining and developing talent, preventing unwanted attrition, being the most preferred employer, increasing the ratio of women in leadership and overall workforce, and strengthening an inclusive organizational culture. We also prioritize social gender equality and aim to create a happy, healthy, and fair work environment. We are increasing awareness on diversity, equity, and inclusion by embedding these values into our work culture.



INNOVATION

In the Innovation focus area, we aim to create value through innovative and sustainable business models and strengthen the start-up ecosystem through our investments. We plan to lead the way in a wide range of areas from electric vehicles to artificial intelligence applications and advanced machine learning technologies. We closely monitor global trends and transform them into new projects aligned with Borusan's strategic priorities.



GOVERNANCE

Under the Governance heading, we treat it as a cross-cutting theme necessary for the successful implementation of our sustainability goals. Starting from board level and extending throughout our value chain, we foster a structure based on trust with our stakeholders, enabling strong collaboration and a culture of integrity. Transparency, compliance, risk management, performance tracking, and the ability to create value are at the heart of our governance model. We prioritize areas where we can create joint value through innovative and sustainable practices.



BORUSAN PIPE IN BRIEF

SHAPING THE STEEL PIPE INDUSTRY SINCE 1958

Celebrating 65 years of excellence in 2023, Borusan Pipe proudly stands as the first industrial investment of Borusan Group, a leading force in Türkiye's industrial landscape. Since its establishment, the company has adopted a global perspective and provided value-added solutions to partners around the world. This dedication to development and innovation continues to drive Borusan Pipe's strategic investments and long-term growth vision.

With nearly 2,300 employees and a diversified portfolio of over 4,000 products, Borusan Pipe is a trusted name in the global steel pipe industry. Operating ten production facilities across three continents, the company exports to more than 80 countries and maintains a strong international presence through its advanced manufacturing capabilities, customer-focused approach, and technology-driven operations.

In Türkiye, Borusan Pipe operates with an annual production capacity of 800,000 tons across its Istanbul and Bursa facilities. The company serves a broad spectrum of industries including automotive, construction, infrastructure, and general industrial applications. With its engineering expertise, flexible production structure, and high-quality standards, Borusan Pipe continues to strengthen its position in global markets.

In 2001, Borusan Pipe took its first step onto the international stage with the acquisition of the Vobarno facility in Italy, establishing Borusan Vobarno Tubi S.p.A. The facility specializes in high-value cold-drawn specialty tubes, primarily serving the European automotive industry.

In 2014, Borusan Pipe made a landmark investment by establishing Borusan Pipe US Inc. in Baytown, Texas. The facility focuses on the production of casing and tubing pipes for the oil and gas industry, with an annual capacity of 300,000 tons. Borusan Pipe US was recognized as the "Best Pipe Manufacturer" by American Metal Market in 2016, 2017, and 2020, underscoring its commitment to quality and operational excellence.

Strengthening its strategy to become a local player in global markets, Borusan Pipe acquired Berg Europipe Holding Corp. in 2023. This acquisition expanded the company's footprint in North America by adding two major production facilities in Mobile, Alabama, and Panama City, Florida, significantly enhancing its capabilities in large-scale infrastructure and energy projects.

In 2024, Borusan Pipe further reinforced its global presence with an SRM investment at its Baytown, Texas facility, improving operational efficiency and strengthening its position as a local manufacturer in the U.S. industrial and construction markets. In the same year, the company expanded its European operations with the launch of the Ploiești Service Center in Romania, increasing production and storage capacity to meet growing demand for short-cut shock absorber tubes and further solidifying its role in the European market.

Today, Borusan Pipe continues its sustainable growth journey through strategic investments, engineering expertise, and a strong local presence across global markets. With its innovative solutions, agile organization, and dedicated workforce, the company remains committed to creating long-term value for its stakeholders and shaping the future of the steel pipe industry.



BORUSAN PIPE'S SUSTAINABILITY STRATEGY

BY OWNING THE CLIMATE, PEOPLE, AND INNOVATION, WE SAY #TODAYFORTOMORROW, INSPIRING THE FUTURE...

Borusan Pipe's value creation strategy includes focusing on climate, people, and innovation while offering products that add value to business processes together with all internal and external stakeholders.

With the responsibility of being a pioneer in the industry, we always embrace more innovative approaches and drive innovation forward.

We work with all our might to achieve the zero-waste and zero-emission targets set by the Holding. At the same time, we are progressing with our strategy of contributing to the protection of the ecological balance. We have set our sustainability targets for 2030 in collaboration with the Borusan Holding, taking 2021 as the basis. We share our results with all our stakeholders through our sustainability report, which we publish annually. We regularly track and update our progress by monitoring our priority issues, stakeholder expectations, and national and international developments.

Our company's key strategic focus areas are commercial excellence, operational excellence, sustainability, and new product innovation. Digital technologies and human resources management are structured to support these focus areas.

Borusan Pipe has adopted the mission of offering processes and products that add value to the business processes of all internal and external stakeholders by continuously developing its value-creation strategy focused on climate, people, and innovation. As an organization operating in the international market, Borusan Pipe considers international developments and evolving stakeholder expectations when developing its sustainability strategy.

Our company closely follows developments in international sustainability reporting standards and has also considered the Corporate Sustainability Reporting Directive (CSRD), a new EU reporting directive, in its reporting approach.

Borusan Pipe gives equal weight to financial and sustainability data and regularly receives verification from third parties to ensure the reliability of the data.



WE SAY #TODAYFORTOMORROW AND WE PROTECT THE CLIMATE BY CREATING BENEFITS FOR THE PLANET...

As part of our distinctive goal to address climate change, we are drawing inspiration from nature. In the face of the climate crisis, which is critical to our future, we focus on preserving the ecological balance and developing projects that help reduce our environmental footprint by prioritizing resource consumption. We are working towards a healthy climate by embracing and designing a new, carbon-neutral, circular model.

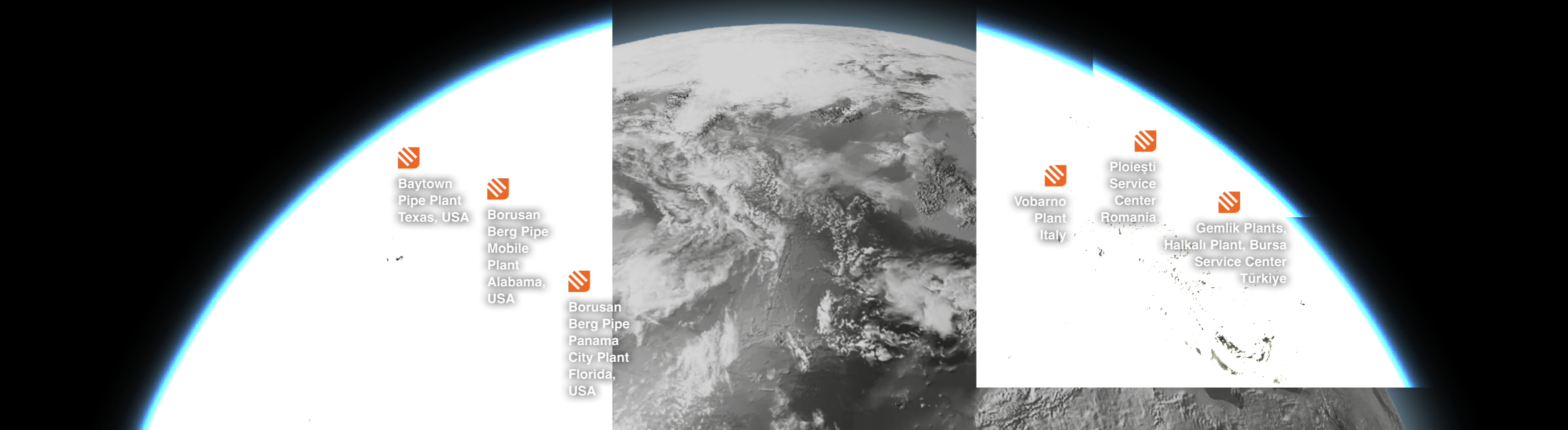
WE DREAM, WE DESIGN, WE TURN IT INTO REALITY AND WE ARE OWNING OUR PEOPLE

We believe that the difference in business is made by "people," and we prioritize providing our employees with a happy, healthy, safe, and transparent workplace. We envision the future with them and design it, inspired by the speed with which we transform it into reality.


WE OWN INNOVATION BY DESIGNING INNOVATIVE IDEAS


We know that maintaining our success depends on investing in the future with an innovative perspective. We work to transform our business model in line with the needs of the future, and we carry forward our new product and innovation processes, which are one of the most important links in achieving this goal, with the high meticulousness brought by our industry experience. In addition to the responsibility of being a pioneer in the sector, we undertake projects, investments and affiliates that nurture the entrepreneurial and innovative spirit with the responsibility we feel towards our nature and our stakeholders.

BEYOND BORDERS, BEYOND EXPECTATIONS





Baytown
Pipe Plant
Texas, USA


Borusan
Berg Pipe
Mobile
Plant
Alabama,
USA


Borusan
Berg Pipe
Panama
City Plant
Florida,
USA


Vobarno
Plant
Italy


Ploiești
Service
Center
Romania


Gemlik Plants,
Halkalı Plant, Bursa
Service Center
Türkiye

Türkiye / İstanbul

Halkalı Plant

Capacity : 100,000 Tons-Welded
40,000 Tons-Cold Drawn

Product Portfolio : Industrial & Construction
Pipes, Automotive Tubes

Türkiye / Bursa

Gemlik Automotive Tubes Plant

Capacity : 60,000 Tons-Welded
50,000 Tons-Cold Drawn

Product Portfolio : Automotive Tubes

Türkiye / Bursa

Bursa Service Center

Capacity : 21,000,000 Units

Product Portfolio : Automotive Tubes

USA / Texas

Baytown SRM Pipe Plant

Capacity : 100,000 Tons

Product Portfolio : SRM Pipes, API and
Mechanical Tubes

USA / Texas

Baytown ERW Pipe Plant

Capacity : 300,000 Tons

Product Portfolio : OCTG Pipes

Türkiye / Bursa

Gemlik ERW Pipe Plant

Capacity : 550,000 Tons

Product Portfolio : Industrial, Construction &
OCTG Pipes

Italy / Vobarno

Vobarno Plant

Capacity : 30,000 Tons - Cold Drawn

Product Portfolio : Automotive, Hydraulic and
Mechanical Application Tubes

Romania / Ploiești

Ploiești Service Center

Capacity : 21,000,000 Units

Product Portfolio : Automotive Tubes

USA / Alabama

Borusan Berg Pipe Mobile Plant

Capacity : 220,000 Tons

Product Portfolio : HSAW Pipes

USA / Florida

Borusan Berg Pipe Panama City Plant

Capacity : 330,000 Tons

Product Portfolio : LSAW Pipes

STANDARDS & CERTIFICATES



PRODUCTION STANDARDS

Welded Cold Sized Tubes : EN 10305-3
 Welded Cold Drawn Tubes : EN 10305-2, EN 10305-1
 Welded Cold Sized Square and Rectangular Tubes : EN 10305-3

Note: Other standards such as ASTM A513, JIS G 3445 etc. upon request

STEEL GRADES

Structural Steels : S235, S275, S355, C22
 DQ Steels : DC01, DC03, DC04
 HSLA Steels : HC260LA, HC300LA, HC340LA, HC380LA, HC420LA S315MC, S355MC, S420MC, S460MC, S500MC, S550MC, S600MC, S700MC
 Dual Phase Steels : DP500, DP600, DP800, DP1000
 Heat Treatable Steels : 20MnB5, 22MnB5, 26MnB5, 30MnB5, 34MnB5
 Coated (Galvanized, aluminized) Steels : DX51, DX52, DX53, DX54, S220, S350, HX300LAD, HX340LAD

Note: Other grades upon request

TESTS & INSPECTIONS

- Visual Examination
- Dimensional Inspection
- Metallographic Inspection
- Tensile Testing
- Drift Expanding / Flaring Test
- Flattening Testing
- Hardness Testing (HV, HRB, HRC)
- Ultrasonic Testing
- Flanging Testing
- Chemical Analysis
- Eddy Current Testing
- Surface Roughness Measurement

INSPECTION DOCUMENTS

MTC (Mill Test Certificates) acc. to EN 10204 3.1; 2.2

QUALITY MANAGEMENT CERTIFICATES

IATF 16949 Quality Management Systems Standard for the Automotive Industry
 ISO 9001 Quality Management Systems
 ISO 14001 Environmental Management Systems
 ISO 10002 Quality Management Systems for Customer Satisfaction
 ISO 45001 Occupational Health and Safety Management Systems
 ISO 50001 Energy Management System

QUALITY SYSTEM CERTIFICATES



AUTOMOTIVE TUBES



CAM SHAFT



SHOCK ABSORBER



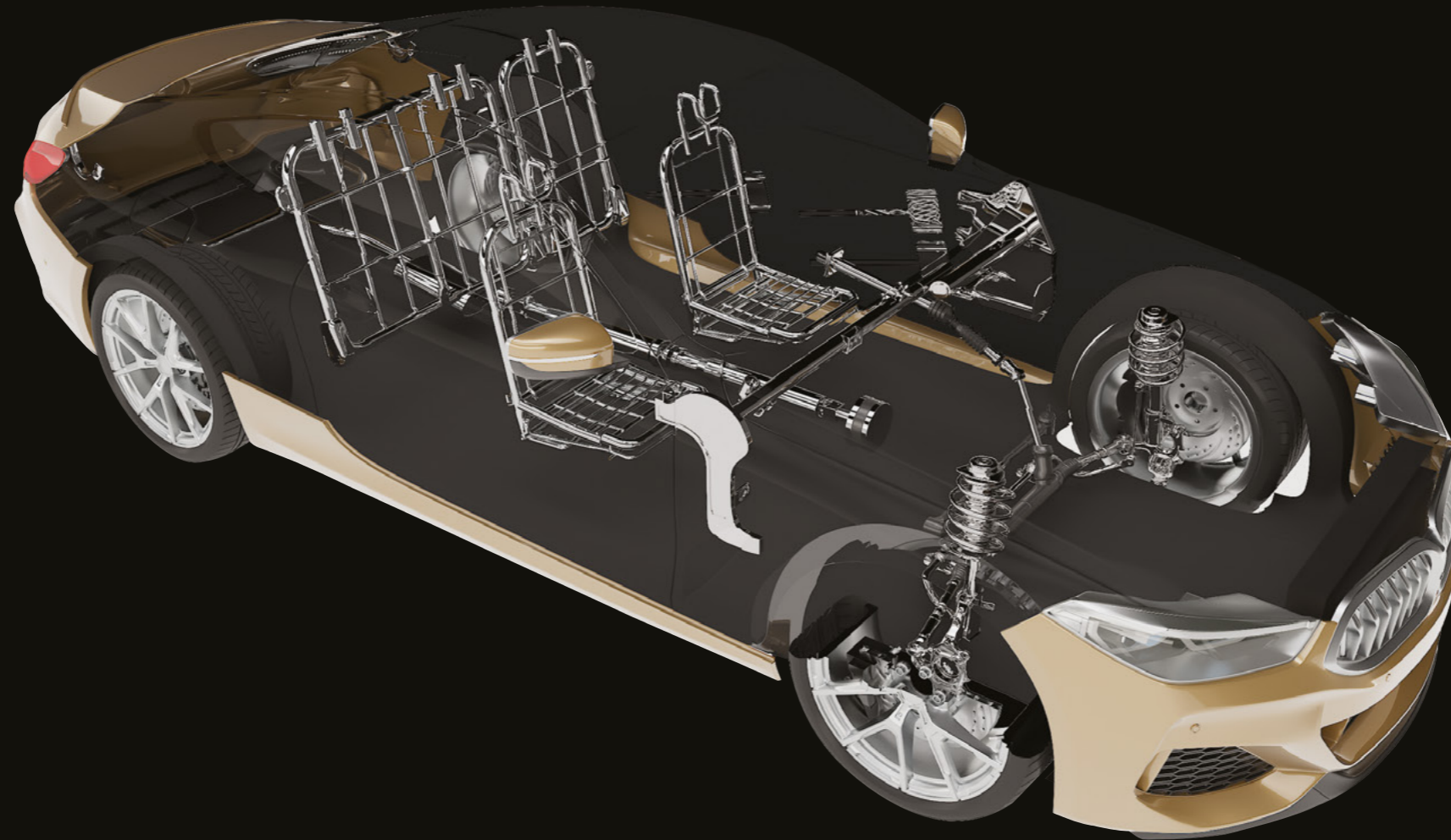
STABILIZER



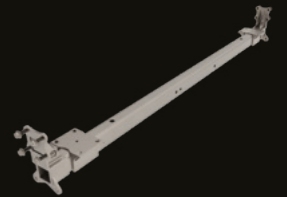
STEERING COLUMN



TIE ROD TUBES



AXLE



TRUNK HINGE



CARDAN SHAFT



CROSS CAR BEAMS



DOOR IMPACT BEAMS



BORUSAN PIPE IS A HIGHLY RECOGNIZED MANUFACTURER FOR ITS PRODUCT AND SERVICE QUALITY IN THE AUTOMOTIVE INDUSTRY.

With facilities in Vobarno, Italy; Halkalı, Bursa, Gemlik, Türkiye and Ploiești, Romania, it specializes in the production of value-added precision tubes used in critical vehicle components. Our sales, quality, and design teams work together to manage various technical and schematic inquiries, providing our customers with custom-made solutions.

Its products are commonly used in passenger cars, light and heavy commercial vehicles which are traveling the globe.



GAS SPRING



EXHAUST TUBES



FRONT SEAT FRAME



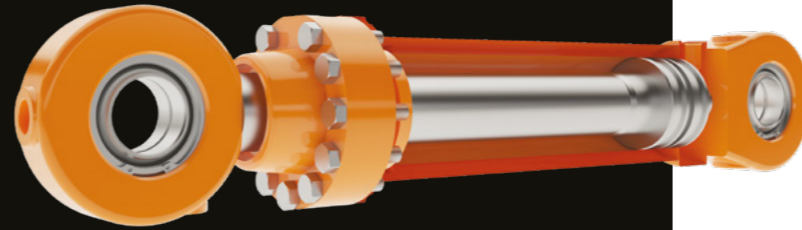
HEAD REST



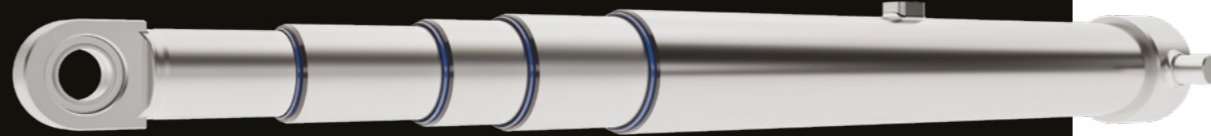
REAR SEAT FRAME

Borusan Pipe's wide product range in the precision business enables the company to serve various industries, ranging from hydraulic-pneumatic and drilling to mechanical applications. We take pride in being a preferred supplier of the industry for many years thanks to our meticulous approach to meeting the most stringent customer requirements.

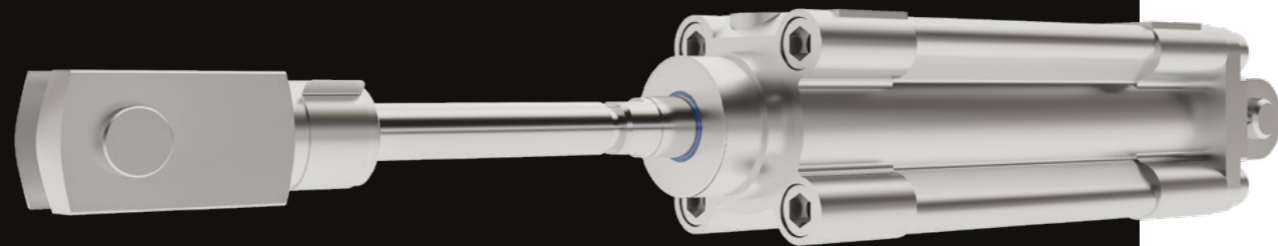
HYDRAULIC APPLICATIONS



HYDRAULIC CYLINDERS



TELESCOPIC CYLINDERS



PNEUMATIC CYLINDERS

INDUSTRIAL APPLICATIONS SPECIAL SHAPED PROFILES



Borusan Pipe manufactures special shaped profiles with the highest level of functionality according to customer expectations. Special shaped profiles are used in a wide variety of applications for different sectors such as automotive, construction, agricultural machinery, towel rails, furniture, etc. We supply profiles with the most accurate tolerances to meet customers' requirements and drawings. Borusan Pipe has the knowledge to select the most suitable forming technologies to meet specific needs.

TECHNOLOGIES FOR SPECIAL SHAPED PROFILES

- Direct Roll Forming
- HFW + Cold Forming
- Forming by Cold Drawing

We are ready to produce according to different standards and/or customers' specialized technical requirements.

Steel grades, wall thickness, dimensions, and tolerances may vary according to the requirements of the final product. Various pre-coated raw materials and final coating methods are available upon request.

FURTHER PROCESSING

- Length Cutting
- Bending
- Hole Drilling
- Online Die Stamping

TESTS & INSPECTIONS

- Visual Examination
- Dimensional Inspection
- Metallographic Inspection
- Tensile Test
- Chemical Analysis
- Flattening Test
- Hardness Testing (HV, HRB, HRC)
- Eddy Current Testing
- 3D Scanning

INSPECTION DOCUMENTS

- MTC (Mill Test Certificates) acc. to EN 10204 2.2, 3.1

PRODUCTION RANGES

WELDED COLD SIZED TUBES FOR PRECISION APPLICATIONS

OD mm	Wall Thickness (mm)																												
	0.70	1.00	1.20	1.50	1.70	2.00	2.20	2.50	2.80	3.00	3.30	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00		
5																													
5.5																													
6																													
7																													
8																													
8.2																													
9																													
9.3																													
9.5																													
10																													
11																													
11.1																													
12																													
12.6																													
12.7																													
13																													
13.5																													
14																													
15																													
15.5																													
16																													
17																													
18																													
19																													
20																													
20.5																													
21																													
21.5																													
22																													
23																													
24																													
24.5																													
25																													
25.4																													
26																													
26.9																													
27.2																													
28																													
28.6																													
30																													
31.8																													
32																													
33.7																													
34																													
35																													
36																													
38																													
40																													
41																													
41.5																													
42																													
44																													
44.5																													
45																													
48																													
48.6																													
50																													
51																													
54																													
55																													
55.6																													
56.4																													
56.8																													
57																													
60																													
63.5																													
65																													
67																													
68																													
70																													
76																													
80																													
83																													
88.9																													
93																													

Welded Cold Sized Tubes (EN 10305-3)

Delivery Conditions:

BKM (+CR1 and + CR2) = Standard

NBK (+N) = Normalized

GBK (+A) = Annealed

Steel Grades: St 14, St 13, St 12, St 34, St 37, St 44, St 52

(E155) (E195) (E235) (E275) (E355) (E155-E700)

(HXT450XT-HXT980XT)

WELDED COLD DRAWN TUBES FOR PRECISION APPLICATIONS

OD mm	Wall Thickness (mm)																											
	0.9	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	4	4.25	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	10			
15																												
16 - 17																												
18 - 19																												
20 - 21																												
22 - 23																												
24 - 25																												
26 - 27																												
28 - 30																												
31 - 33																												
34 - 36																												
37 - 39																												
40 - 44																												
45 - 47																												

ASTM A 513 MECHANICAL TUBING (TYPE V-VI)

OD (inch)	Wall Thickness (inch)																							
	0.035	0.049	0.058	0.065	0.083	0.095	0.109	0.120	0.125	0.134	0.156	0.165	0.180	0.188	0.207	0.219	0.238	0.250	0.281	0.284	0.313	0.344	0.375	0.406
0.625																								
0.688																								
0.750																								
0.813																								
0.875																								
0.938																								
1.000																								
1.063																								
1.125																								
1.188																								
1.250																								
1.313																								
1.375																								
1.500																								
1.563																								
1.625																								
1.688																								
1.750																								
1.768																								
1.875																								
2.000																								
2.125																								
2.250																								
2.375																								
2.438																								
2.500																								
2.563																								
2.625																								
2.750																								
2.875																								
3.000																								
3.063																								
3.125																								
3.250																								
3.375																								
3.500																								
3.555																								
3.625																								
3.688																								
3.750																								
3.875																								
4.000																								
4.022																								
4.062																								
4.095																								
4.125																								
4.250																								
4.375																								
4.500																								
4.562																								
4.593																								
4.625																								
4.750																								
5.000																								
5.125																								

Delivery Conditions: M.D., S.S.I.D.
M.D.: Mandrel Drawn
S.S.I.D.: Special Smooth Inside Diameter
Standard Norms Supplied: ASTM A 513
Steel Grades Mainly Used: 1008-1040

Please contact our sales department for any inquiries.

WELDED COLD SIZED SQUARE AND RECTANGULAR TUBES FOR PRECISION APPLICATIONS

Side Length b x h (mm)	Wall Thickness (mm)										
	0.80	0.90	1.00	1.20	1.50	2.00	2.50	3.00	3.50	4.00	5.00
8 x 20											
10 x 10											
10 x 15											
10 x 18											
10 x 20											
10 x 25											
10 x 30											
10 x 33											
10 x 35											
10 x 40											
10 x 50											
12.7 x 12.7											
15 x 15											
15 x 20											
15 x 25											
15 x 30											
15 x 35											
15 x 40											
15 x 50											
16 x 16											
17 x 21											
17 x 35											
18 x 18											
18 x 30											
19 x 19											
20 x 20											
20 x 25											
20 x 30											
20 x 35											
20 x 40											
20 x 45											
20 x 50											
20 x 55											
20 x 60											
20 x 80											
21 x 21											
23 x 30											
25 x 25											
25.4 x 25.4											
25.4 x 50.80											
25 x 30											
25 x 35											
25 x 40											
25 x 45											
25 x 50											
25 x 55											
25 x 60											
27 x 27											
30 x 30											
30 x 35											
30 x 40											
30 x 45											
30 x 50											
30 x 60											
30 x 70											
30 x 80											
30 x 90											
32 x 32											
32 x 60											
33 x 60											
35 x 35											
35 x 40											
35 x 45											
35 x 50											
35 x 75											
38 x 38											
40 x 40											
40 x 50											
40 x 60											
40 x 70											
40 x 80											
44.5 x 44.5											
45 x 45											
50 x 50											
50 x 60											
50 x 80											
50.8 x 50.8											
60 x 60											
70x70											
80x80											
90x90											
100x100											
110x110											
120x120											
120x130											
120x140											
130x130											

(Thicknesses bigger than 5mm must be examined.)
Grades stronger than S700 must be examined.



www.borusanpipe.com



pipe@borusan.com



+90 (549) 393 58 00



/Borusanpipe



/Borusanpipe



/Borusanpipe



**BORUSAN
PIPE**