Tubular Products
Boldness changes everything
Contents

ArcelorMittal – Profile 5
ArcelorMittal – Tubular Products 6
Energy 9
  Global reach 10
  Global resources 12
  Fact sheet 16
Mechanical 19
  Global reach 20
  Global resources 23
  Fact sheet 28
Automotive 31
  Global reach 32
  Global resources 34
  Fact sheet 38
ArcelorMittal is the world’s leading steel company, with operations in more than 60 countries.

ArcelorMittal is the leader in all major global steel markets, including automotive, construction, household appliances and packaging, with leading R&D and technology, as well as sizable captive supplies of raw materials and outstanding distribution networks.

With an industrial presence in over 20 countries spanning four continents, the Company covers all of the key markets, from emerging to mature. Through its core values of Sustainability, Quality and Leadership, ArcelorMittal commits to operating in a responsible way with respect to the health, safety and well being of its employees, contractors and the communities in which it operates. It is also committed to the sustainable management of the environment and of finite resources.

In 2009, ArcelorMittal had revenues of $65.1 billion and crude steel production of 73.2 million tonnes, representing approximately 8 per cent of the world steel output.

ArcelorMittal is listed on the stock exchanges of New York (MT), Amsterdam (MT), Paris (MT), Brussels (MT), Luxembourg (MT) and on the Spanish stock exchanges of Barcelona, Bilbao, Madrid and Valencia (MTS).
The Tubular Products Division of ArcelorMittal is one of the world’s largest and most diversified producers of pipe and tube products, servicing markets around the world from 23 different operating locations in 11 different countries. We produce and market virtually the full spectrum of tubing products in an unparalleled range of sizes.

With its seamless, spiral welded and longitudinal welded small and large outside diameter products, the company is active in the Energy, Mechanical and Automotive markets. ArcelorMittal operates pipes and tubes making facilities on four continents: Europe, Asia, Africa, North and South America. With capacity from Canada to Kazakhstan and from Poland to South Africa, we are able to meet customers’ needs around the world.

The division was formed from merging ArcelorMittal Pipes and Tubes assets with Dofasco Tubular Products in 2007. Dofasco Tubular Products itself had been formed in 2005 when Dofasco de Mexico and the Hamilton & Marion tubing plants merged with Copperweld’s automotive and mechanical businesses.

In steel pipes and tubes the Tubular Products Division has an annual manufacturing capacity of 3 million tons and revenues in excess of $2.2 billion. It employs over 8,000 employees worldwide, has begun developing its greenfield site in Saudi Arabia and will continue to grow and make its mark on the industry.

Our goal is to provide the leadership that will transform tomorrow’s steel tubes industry. We have a clear vision of the future, underpinned by a consistent set of values: sustainability, quality and leadership. Sustained by these we expect to meet your global needs.

Sustainability
We are guiding the evolution of steel tubes to secure the best future for the industry and for generations to come. Our commitment to the world around us extends beyond the bottom line, to include the people in whom we invest, the communities we support and the world in which we operate. This long-term approach is central to our business philosophy.

Quality
ArcelorMittal’s Tubular Products Division holds approvals, certificates and licences from major national and international official authorities, customers and third-party organizations. By working closely with our customers, we ensure that our pipes and tubes meet all customer specific requirements. Sharing best practice and technical expertise across our business enables us to be on top of the latest market developments and offer competitive solutions to our customers.

Leadership
We are visionary thinkers, creating opportunities every day. This entrepreneurial spirit brought us to the forefront of the steel pipes and tubes industry. We are concentrating on doing what we do best: combining the strengths of our plants around the world and leveraging our presence in individual markets, creating new opportunities worldwide and expanding our product base to fulfill our customers’ demands. In this way the Tubular Products Division of ArcelorMittal has rapidly established itself as a major player in the industry. Together we are creating a truly modern, efficient and technologically advanced pipes and tubes business.

Thanks to the worldwide commitment of our people, integrated network of production sites and research & development centers, ArcelorMittal’s Tubular Products Division satisfies the needs of its clients efficiently providing high quality, high performance products in increasingly complex operating environments.
As demand for the world’s oil and gas resources increases, ArcelorMittal’s tubular products play an essential role in their extraction and distribution. Our products meet the reliability requirements of our most demanding customers in the oil and gas industry around the world.

Customer focus
Our customers choose us because of our global spread and wide range of products. A team of experts is at our customers’ disposal throughout our network of sales offices. We aim to deliver comprehensive pipe solutions, meeting the specific and detailed needs of customers’ projects. Our people also recognize the value of flexibility and good working relationships as important features in our business.

Wide product range
ArcelorMittal, Tubular Products produces a broad assortment of tubular products to meet the highest of standards, for ‘down hole’ as well as ‘upstream’ requirements. Our product range covers almost the entire requirement of the energy industry, e.g. ERW line pipes, seamless line pipes, large diameter spiral and longitudinally welded line pipes and OCTG. With manufacturing units spreading across Europe, Asia, Africa, North and South America producing pipe sizes ranging from 0.5 inch to 56 inch, we are truly a global tubular solution provider for the energy industry.
Energy
Global reach

Europe

1. Luxembourg
Belgium, France, Luxembourg
Ludovic Martin
19 Avenue de la Liberte
Luxembourg
L-2930
T +352 4792 1
F +352 4792 3190
E tubularproducts
@arcelormittal.com

2. Czech Republic, Ostrava
Zuzana Blahutova
Vratimovská 689
70702 Ostrava Kuncice
Czech Republic
T +420 595 68 25 01
F +420 595 68 39 77
E ostrava.tubularproducts
@arcelormittal.com

3. Finland, Turku
Denmark, Estonia, Finland, Latvia, Lithuania,
Norway, Sweden
Janne Miettinen
World Trade Center
Veistämönaukio 1-3
20100 Turku
Finland
T +358 20 743 09 45
F +358 20 743 09 41
E turku.tubularproducts
@arcelormittal.com

4. Germany, Duisburg
Germany, Switzerland and Austria
Andreas Neetzel
Wurthstraße 125
47053 Duisburg
Germany
T +49 203 606 73 50
F +49 203 606 73 18
E duisburg.tubularproducts
@arcelormittal.com

5. The Netherlands, Belgium
Jan van der Wilk
Wurthstraße 125
47053 Duisburg
Germany
T +31 646387 779
F +39 02 2693 15 31
E netherlands.tubularproducts
@arcelormittal.com

6. Italy, Milan
Enrico Caruso
Centro direzionale Milano Oltre/Palazzo Tintoretto
Via Cassanese, 224
20090 Segrate (MI)
Italy
T +39 02 2693 15 31
F +39 02 2693 15 40
E milan1.tubularproducts
@arcelormittal.com

7. Romania, Galati
Adrian Cocioc
1, Smardan Street
Galati 800698
Romania
T +40 236 80 29 88
F +40 236 80 29 87
E galati.tubularproducts
@arcelormittal.com

8. Romania, Iasi
Corneliu Toma
Calea Chisinaului Street 132
Iasi 700180
Romania
T +40 232 20 30 03
F +40 232 20 33 00
E iasi.tubularproducts
@arcelormittal.com

9. Romania, Timisoara
Sudhe Binod Pal
Stefan cel Mare 15A/1
Romania
T +40 233 701 160
F +40 233 748 465
E romania.tubularproducts
@arcelormittal.com

10. Slovak Republic, Kosice, Croatia
Gabriel Spisak
Slovak Republic, Croatia and Hungary
Letina 45
040 01, Kosice
Slovak Republic
T +421 55 632 39 49
F +421 55 682 93 08
E kosice.tubularproducts
@arcelormittal.com

11. UK, Solihull
Mark Groves
4 Princes Way
Solihull, B91 3AL
United Kingdom
T +44 1217 03 30 99
F +44 1217 05 83 41
E solihull.tubularproducts
@arcelormittal.com

12. Kazakhstan, Aktau
Ivan Trustin
SEZ, Morport Aktau
(oppsite HGMZ)
Aktau 130000
Mangistau Reg.
Kazakhstan
T +7 7292 42 55 09
F +7 7292 42 55 09
E aktau.tubularproducts
@arcelormittal.com

13. United Arab Emirates, Dubai
Vineet Pahwa
P.O. Box 17619
Jebel Ali Free Zone
Dubai, United Arab Emirates
T +971 4 887 38 15
F +971 4 887 38 16
E dubai.tubularproducts
@arcelormittal.com

Asia

14. Kazakhstan, Aktu
Ivan Trustin
SEZ, Morport Aktu
(oppsite HGMZ)
Aktu 130000
Mangistau Reg.
Kazakhstan
T +7 7292 42 55 09
F +7 7292 42 55 09
E aktau.tubularproducts
@arcelormittal.com

15. South Africa, Vereeniging
Roche Best
P.O. Box 48
Vereeniging 1930
South Africa
T +27 16 450 4174
F +27 86 610 1067
E vereeniging.tubularproducts
@arcelormittal.com

North America

16. USA, Chicago
Canada, Mexico and United States of America
Dan Nichols
1 South Dearborn Street
13th Floor
Chicago, IL 60603
United States of America
T +1 713 877 44 07
F +1 713 961 96 87
E chicago.tubularproducts
@arcelormittal.com

17. USA, Houston
Canada, Mexico and United States of America
Dan Nichols
1300 Post Oak Blvd.
Suite 825
Houston, TX 77056
United States of America
T +1 713 877 44 07
F +1 713 961 96 87
E houston.tubularproducts
@arcelormittal.com
18. Canada, Woodstock
Tim Abbott
193 Givins Street
Woodstock, ON N4S 0A7
Canada
T +1 519 537 66 71
F +1 519 539 68 04
E woodstock.tubularproducts@arcelormittal.com

19. Venezuela, Unicon
Andoni Goicoechea
Av. Beethoven, Torre Financiera, PB
Colinas de Bello Monte, Caracas,
1050 Venezuela
T + 58 212 7534111 Ext. 3146
F + 58 212 7515746
E sales@unicon.com.ve

South America
Europe

Czech Republic – Ostrava
Established in 1951 and part of ArcelorMittal since January 2003, ArcelorMittal Ostrava, Tubular Products (formerly known as Nova Hut) has continuously invested in upgrading its facilities to produce a superior range of pipes and tubes. For energy purposes, we offer seamless products for OCTG and line pipes, as well as spiral welded pipes for line pipes. The combination of in-house steel-making and Czech reliability when it comes to quality has resulted in an outstanding portfolio of products. Our skilled technical staff are always ready to offer help and advice to make sure your project is a complete success. ArcelorMittal Ostrava, Tubular Products facilities include Stiefel seamless tube mills, a spiral welded tube mill, heat treatment installations, and facilities for threading, coating and flanging.

From our plant in Ostrava in the eastern Czech province of Moravia, we serve markets throughout Europe, the Middle East and North America. Our annual capacity is 320,000 tons (275,000 tons seamless of which 75,000 tons OCTG, and 45,000 tons spiral welded).

Romania – Galati
ArcelorMittal Galati, Tubular Products produces longitudinal submerged arc welded (LSAW) pipes for the transportation of oil, gas, hydrocarbons and water. The business, formerly Sidex, joined ArcelorMittal in 2001. Our location in eastern Romania, close to the Danube and the Black Sea port of Constanța ensures efficient distribution to Central and Southern Europe, the Middle East and North America. Our annual capacity is 50,000 tons.

As part of the largest European producer of plates, the pipe and tube mill is able to draw on in-house resources for its raw materials. Galati’s tubular products are used for some of the most demanding hydrocarbon pipe lines in Europe and North America. We also manufacture and supply pipes for pilings and structural casings in critical high strength applications. We consistently endeavor to meet and surpass our customers’ expectations, and are fully conscious of the high quality and impeccable performance that is essential in the critical oil, gas and hydrocarbons industries.

Romania – Iasi
Established in 1963, ArcelorMittal Iasi, Tubular Products (formerly Tepro) is the largest producer of longitudinal welded steel tubes in Romania. From our location in Iasi, in the east of the country, we can easily distribute products throughout Romania and most of the surrounding countries. Our annual capacity is 380,000 tons.

Within the Tubular Products Division of ArcelorMittal, Iasi is the only supplier of small diameter longitudinal welded API line pipes for the energy market. ArcelorMittal Iasi, Tubular Products facilities include hot stretched reduction mills, cold forming tube mills, annealing furnaces for normalizing, coating lines, and machines for threading.

Romania – Roman
ArcelorMittal Roman, Tubular Products (formerly Petrotub Roman) is a one-stop shop for the entire range of tubular products required in the energy industry. Located in the northeast of Romania, we produce seamless pipes for oil and gas projects around the world.

With the largest and widest size range on offer (3” to 20”), ArcelorMittal Roman, Tubular Products produces high-quality seamless pipes in carbon steel and low-alloy steel for various applications in sectors such as oil and gas, chemicals, nuclear and conventional energy. The steel required is drawn from steel making resources within the group. Our facilities consist of three seamless mills, including a 20” Pilger mill suitable to produce heavy wall large OD pipes with matching threading and heat treatment facilities.

Americas

Canada – Woodstock
The Woodstock facility is API Q1, 5CT and 5L certified and targets OCTG tubing and casing in the 3.5” - 7” diameter size range. Our welded product is of the highest quality, meeting extremely demanding dimensional specifications and durability requirements.

Strategically located in Woodstock, Ontario, our proximity to major North American customers helps us achieve excellent customer service. What began as a small business over one hundred years ago continues to value teamwork, commitment and pride. Today, we are putting those values to work, developing innovative products and technology to meet new demands in progressive industries. Our annual capacity is 118,000 tons.

Venezuela – Unicon
Established in 1959 and part of ArcelorMittal since April 2008, Unicon, has consistently grown and strengthened its market position through a combination of greenfield projects and the consolidation of other domestic producers.
Venecuela – Unicon (continued)

Unicon is the leading manufacturer of welded steel pipes in Venezuela, supplying the Energy and Mechanical sectors in the domestic and export markets. Unicon has a complete product portfolio with high quality standards, certifications and capacity to manufacture welded tubes with diameters from 3/8” to 12-3/4”, supplied according to the technical norms applicable to each product. Products facilities include ERW mills and heat treatment and threading installations, the latter for both ERW and seamless pipes.

From our headquarters in Caracas in northern Venezuela, we serve the local markets and customers in North and South America, Europe and the Caribbean. We count with highly-qualified product development and technical support teams, and commercial, financial and technical employees with extensive experience in the business, which allows the company to have an strong understanding of the market and ability to quickly adapt to an ever changing environment.

Our annual capacity is 350,000 tons of Energy pipes (line pipe and OCTG) with heat treating and threading capacity (both standard and premium threads) of 80,000 and 120,000 metric tons respectively; and 403,000 metric tons of standard welded pipes and structural hollow sections.

Asia

Kazakhstan – Aktau

Located on the Caspian seashore in western Kazakhstan, our Aktau unit produces spiral welded pipes especially for the nation’s growing hydrocarbon sector. Its annual capacity is 60,000 tons. Using steel double submerged-arc welding (DSAW) equipment, the Aktau unit is designed to produce high standard spiral welded pipes, in accordance with international standards for gas transmission lines. Pipes can be supplied with 3LPE coating on the outside and liquid epoxy coating on the inside. The steel required is supplied by ArcelorMittal Termitau and other ArcelorMittal mills, and stringent process and quality controls have been incorporated at the plant to ensure that it meets the stringent demands of the oil and gas transportation industry.

Saudi Arabia – Jubail

ArcelorMittal Jubail, Tubular Products has a 51% participation in a joint venture agreement with the Bin Jarallah Group of companies for the design and construction of a seamless tube mill in Saudi Arabia.

This state of the art facility will be located in Jubail Industrial City, north of Al Jubail on the Persian Gulf. The mill will have a capacity of 600,000 tons per year. More than half of its capacity will be used for OCTG, and the remainder for line pipe, in sizes ranging from 2-3/8” to 16”. Its location provides access to international sea lanes through the Persian Gulf as well as proximity to energy sources. The plant is expected to be commissioned in 2012. The management and operations will be under control of ArcelorMittal’s Tubular Products Division.

Africa

Algeria – Annaba

ArcelorMittal Tubular Products Annaba, produces seamless pipes and tubes for energy segment, mainly servicing Oil and Gas industry in Algeria. Located in the Maghreb region of north-eastern Algeria, with its own berth in the seaport of Annaba, ArcelorMittal Tubular Products Annaba, is well located for deliveries in Algeria, North Africa and Southern Europe. Its annual capacity is 115,000 tons. As the only local seamless pipe manufacturer, the plant has the advantage of being integrated with the in-house steel shop. It produces 6” to 14” seamless line pipes and casings, including couplings. ArcelorMittal Annaba, Tubular Products has extensive experience with local, French and API approvals. We have a team of specialists specifically dedicated to the needs of northern African customers. The facilities make use of Pilger mill technology and include equipment for cutting, heat treatment and threading facilities.

South Africa – Vereeniging

ArcelorMittal Vereeniging, Tubular Products offers a range of seamless products for the energy market. Located close to Johannesburg, we distribute throughout South Africa and, through two seaports, to Europe, North America, the Middle East, and Asia. The pipe and tube plant has an annual capacity of 100,000 tons.

ArcelorMittal Vereeniging, Tubular Products (formerly part of Iscor) has a long history of steel production. We are the only South African producer of seamless tubes, and by using modern techniques we are able to supply products of excellent quality. The tube mill is a fully integrated plant, using steel produced at ArcelorMittal’s local site at Vereeniging. ArcelorMittal Vereeniging, Tubular Products is an accredited API producer of line pipe and OCTG ‘green pipe’, and a reliable supplier to major petrochemical projects in South Africa and around the world. Our stringent quality control of the steel produced and state-of-the-art equipment in the pipe mill ensures an excellent quality product. Our staff is fully committed to serving our customers’ needs, either for projects or for regular supplies. Our facilities include a pipe mill, cold drawing benches, and finishing and coating equipment.
# Energy Fact sheet

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard</th>
<th>Size</th>
<th>Grades/Quality</th>
<th>Special coatings and protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Outside diameter</td>
<td>Wall thickness</td>
<td></td>
</tr>
<tr>
<td><strong>Czech Republic Ostrava</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Threaded pipes for gas line</td>
<td>EN, DIN, CSN, UN, NF</td>
<td>DN15 - DN125</td>
<td>2.6mm - 5.4mm</td>
<td>S33 and equivalents</td>
</tr>
<tr>
<td>Flanged pipe for oil and gas transportation</td>
<td>CSN</td>
<td>DN80 - DN200</td>
<td>3.6mm - 6.3mm</td>
<td>11.353</td>
</tr>
<tr>
<td>Line pipe</td>
<td>API SL</td>
<td>0.5” - 10.75” (12.7mm - 273.1mm)</td>
<td>2.8mm - 18.3mm</td>
<td>up to X60</td>
</tr>
<tr>
<td>OCTG Premium</td>
<td>API SCT - Casting</td>
<td>5-1/2” - 9- 5/8” (114.3mm - 273.1mm)</td>
<td>Grades/Quality</td>
<td>J55, N80, L80, P110, Q125</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5.21mm - 13.84mm</td>
<td></td>
</tr>
<tr>
<td>Spiral welded</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line pipe</td>
<td>EN, API, DIN, CSN, GOST</td>
<td>12.75” - 32.0” (323.9mm - 820mm)</td>
<td>5.0mm - 12.0mm</td>
<td>Up to X70</td>
</tr>
<tr>
<td><strong>Romania Galati</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line pipe</td>
<td>API SL, ASTM, DIN, EN</td>
<td>20.0” - 56.0” (508 - 1420mm)</td>
<td>6.3mm - 20.6mm</td>
<td>X 42 - X 65, Grade B</td>
</tr>
<tr>
<td><strong>Romania Iasi</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line pipe</td>
<td>API SL</td>
<td>4.5” - 8.625” (114.3 - 219.1mm)</td>
<td>3.6mm - 8.2mm</td>
<td>Gr A, Gr B, X42-X52, PSL 1</td>
</tr>
<tr>
<td>Casing pipe</td>
<td>API SCT</td>
<td>4.5” - 8.625” (114.3 - 219. mm)</td>
<td>5.21mm - 6.71mm</td>
<td>H40, J55</td>
</tr>
<tr>
<td><strong>Romania Roman</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line pipe</td>
<td>API, ASTM, ASME, EN</td>
<td>3.0” - 20” (88.9mm - 508mm)</td>
<td>4.0mm - 50mm</td>
<td>A, B, C, X42 - X65</td>
</tr>
<tr>
<td>OCTG</td>
<td>API - Casting</td>
<td>4.5” - 20” (114.3mm - 508mm)</td>
<td>6.35mm - 16.13mm</td>
<td>JK55, N80, L80, C95, P110</td>
</tr>
<tr>
<td>Heat exchanger tubes</td>
<td>EN, ASTM, DIN, SR</td>
<td>3.0” - 20” (88.9mm - 508.0mm)</td>
<td>5.20mm - 50mm</td>
<td>Grade 6, P265 GH</td>
</tr>
</tbody>
</table>

* Temporary exterior protective coating: Varnish, water-diluted lacquer, oil or synthetic enamel
* Permanent exterior protective coating: Triple-layer extruded polyethylene, cement-plastic, bitumen, galvanised
* Permanent interior protective coating: Cement mortar, bitumen

---

16
<table>
<thead>
<tr>
<th>Country</th>
<th>Type</th>
<th>Standard</th>
<th>Size</th>
<th>Grades/Quality</th>
<th>Special coatings and protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kazakhstan Aktau</td>
<td>Spiral welded</td>
<td>Line pipe</td>
<td>QMS Established as per API SpecQ1/ISO 9001; Certification expected before Q2 2010</td>
<td>18.0&quot; - 56&quot; (457mm - 1422mm)</td>
<td>5.0mm - 19.0mm</td>
</tr>
<tr>
<td>Algeria Annaba</td>
<td>Seamless</td>
<td>Casing pipe (e.g., gas, water and oil transportation)</td>
<td>API 5 CT</td>
<td>6.625&quot; - 13.750&quot; (168.3mm - 339.7mm)</td>
<td>6.91mm - 13.84mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Line pipe (e.g., gas, water and oil transportation)</td>
<td>API 5L, EN ASTM</td>
<td>6.0&quot; - 14.0&quot; (168.3mm - 339.7mm)</td>
<td>4.78mm - 22.22mm</td>
</tr>
<tr>
<td>South Africa Vereeniging</td>
<td>Seamless</td>
<td>Line pipe</td>
<td>ASTM A 106, EN 10216-2, API 5L</td>
<td>1.333&quot; - 6.625&quot; (33.4mm - 168.3mm)</td>
<td>3.38mm - 18.26 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OCTG (Green pipe)</td>
<td>API 5CT - Tubing</td>
<td>2.375&quot; - 4.5&quot; (60.3mm - 114.3mm)</td>
<td>3.9 - 18.71 lb/ft</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>API 5CT - Casing</td>
<td>4.5&quot; - 7&quot; (114.3mm - 177.8mm)</td>
<td>9.41 - 27.4 lb/ft</td>
</tr>
<tr>
<td>America Woodstock</td>
<td>Seamless</td>
<td>OCTG</td>
<td>API 5CT - Tubing</td>
<td>2.375&quot; - 4.5&quot;</td>
<td>0.910&quot; - 0.224&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OCTG</td>
<td>API 5CT - Casing</td>
<td>4.5&quot; - 7.0&quot;</td>
<td>0.205&quot; - 0.317&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Line Pipe</td>
<td>API 5L - Line Pipe</td>
<td>2.375&quot; - 7.0&quot;</td>
<td>0.154&quot; - 0.337&quot;</td>
</tr>
<tr>
<td>Venezuela Unicon</td>
<td>Seamless</td>
<td>Line pipe</td>
<td>API 5L</td>
<td>2.375&quot; - 12.750&quot; (60.3mm - 323.9mm)</td>
<td>2.1mm - 11.1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OCTG</td>
<td>API 5CT - Tubing</td>
<td>1.900 - 4.500&quot; (48.3mm - 114.3mm)</td>
<td>3.68mm - 7.34mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>API 5CT - Casing</td>
<td>4.500 - 10.750&quot; (114.3mm - 273.1mm)</td>
<td>5.21mm - 11.05mm</td>
</tr>
</tbody>
</table>
We devote significant attention to the mechanical industry as the biggest single market for our products. To meet whatever our customers need, a comprehensive range of tubular products is available: welded or seamless, hollow section, plain, galvanized or color coated, large or small diameter, in different steel grades. Our excellent tube making process guarantees the performance of our steel tubes in engineering applications. This quality makes the tubes ideal for use in architectural designs, mechanical equipment and furniture.

We serve larger end users, as well as specialized stockists and high-quality service centers in Europe, Africa, Central Asia, North and South America, and increasingly in other parts of the world.

Longitudinal welded
Longitudinal welded tubes are produced in Poland, Czech Republic, Romania, Canada, United States of America, Mexico and Venezuela.

In Europe the outside diameter range varies from 0.8mm to 1422.44mm. The production capabilities include hot stretched reduced tubes and hollow structural sections with optional zinc or color coating. Our tubes, produced and tested in accordance with various EN norms are used in a myriad of applications, including gas and fluid distribution, structural projects such as bridges, architectural frameworks, water distribution, fire protection sprinkler pipes, scaffolding, fencing, and green houses.

In addition, we have capabilities in cold sized welded as well as cold drawn welded precision tubes. Here, our tubes are used for furniture, radiators, bicycles, mineral mining, and other mechanical applications.

In North America US based plants are producing mechanical tubing, such as precision tubes and hollow structural sections. The welded capabilities range from 0.469 inch to 12.5 inch outside diameter.

The direct welded or cold sized precision tubes are produced for furniture, industrial equipment, rack-and-storage systems, recreational equipment and other mechanical applications.

Moreover, there are DOM or cold drawing capabilities available in Canada and the US for industrial and construction equipment, hydraulic cylinders, agricultural equipment and mineral mining equipment. DOM tubing is manufactured in diameters from 0.75 inch to 12.0 inch.

Hollow structural sections for structural engineering use and fencing are produced against ASTM standards. Their outside diameter ranges from 2.0 inch to 8.0 inch.

The Mexican plant in Monterrey offers cold sized welded precision tubes in a range from 0.5 inch to 6.625 inch for automotive, furniture, fixtures and distribution markets applications.

In South America, our Venezuelan plant Unicon produces ERW tubes for a wide range of applications including gas, fluid and electrical distribution, structural, housing and piling projects, light and electricity poles, automotive, scaffolding, fencing, furniture and architectural sectors. The welded capabilities range from 0.375 inch to 12.75 inch outside diameter.

Spiral welded
In Europe the Czech production unit in Ostrava welds tubes for structural purposes according to EN, ASTM, and GOST standards with an outside diameter from 323.9mm to 820.0mm.

Seamless
Seamless tubes are produced in Czech Republic, Romania, Algeria, South Africa and the United Stated of America.

In Europe the combined Czech and Romanian plants offer EN and ASTM steel sections for construction and for railway poles, water distribution systems and other structural purposes in an outside diameter range from 73.0mm to 508.0mm.

In Africa, both our mills produce seamless water distribution tubes with an outside diameter ranging from 20.0mm to 339.7mm in line with EN and ASTM standards.

In addition, our South African mill has seamless cold drawing capabilities with an outside diameter range from 20.0mm to 140.0mm. These tubes are used for heat-exchangers, mineral mining, hydraulic cylinders and other applications.

In North America, the US based Shelby plant cold draws seamless precision tubes according to ASTM standards. The tubes are supplied in both hot-finished and cold-drawn form in sizes from 1.375 inch to 7.75 inch OD for the fluid power, construction equipment and farm machinery markets.
Mechanical
Global reach

Europe

1. Czech Republic, Karviná
   Daniel Stolarz
   Rudí Armódy 471
   73323 Karviná – Hranice
   Czech Republic
   T +420 596 39 13 31
   F +420 596 31 13 48
   k arvina.tubularproducts
   @ arcelormittal.com

2. Czech Republic, Ostrava
   Zuzana Blahutova
   Vratimovská 689
   70702 Ostrava Kuncice
   Czech Republic
   T +420 595 68 25 01
   F +420 595 68 39 77
   o strava.tubularproducts
   @ arcelormittal.com

3. Finland, Turku
   Denmark, Estonia, Finland, Latvia, Lithuania, Norway, Sweden
   Janne Miettinen
   World Trade Center
   Vestgatan 1-3
   20100 Turku
   Finland
   T +358 20 743 09 40
   F +358 20 743 09 41
   t urku.tubularproducts
   @ arcelormittal.com

4. France, Chevillon
   Frank Neumann
   1 Rue de la Marine
   52170 Chevillon
   France
   T +33 6 29 23 50 25
   F +33 3 25 04 49 15
   e chevillon.tubularproducts
   @ arcelormittal.com

5. Luxembourg
   Ludovic Martin
   19 Avenue de la Liberte
   Luxembourg
   L-2930
   T +352 4792 1
   F +352 4792 3190
   E tubularproducts
   @ arcelormittal.com

6. France, Hautmont
   Frank Neumann
   12 Rue des Usines
   59330 Hautmont
   France
   T +33 6 29 23 50 25
   F +33 3 27 69 20 55
   E hautmont.tubularproducts
   @ arcelormittal.com

7. Germany, Duisburg
   Germany, Switzerland
   and Austria
   Andreas Noetzel
   Wurthstraße 125
   47053 Duisburg
   Germany
   T +49 203 606 73 50
   F +49 203 606 73 18
   E d iusburg.tubularproducts
   @ arcelormittal.com

8. Italy, Milan
   Enrico Caruso
   Centro direzionale Milano Oltre/Palazzo Tintoretto
   Via Cassanese, 224
   20090 Segrate (MI)
   Italy
   T +39 02 2693 15 31
   F +39 02 2693 15 40
   E milan1.tubularproducts
   @ arcelormittal.com

9. Poland, Kraków
   Srinivas Sastri
   Ul. Ujastek 1
   30969 Kraków
   Poland
   T +48 12 290 15 64
   F +48 12 290 38 09
   E k rakow.tubularproducts
   @ arcelormittal.com

10. Romania, Iasi
    Corneliu Toma
    Calea Chisinaului Street 132
    Iasi 700180
    Romania
    T +40 232 20 31 03
    F +40 232 20 33 00
    E i asi.tubularproducts
    @ arcelormittal.com

11. Romania, Roman
    Sudhi Binod Pal
    Stefan cel Mare 15A/1,
    Roman 611038, jud. Neamț,
    Romania
    T +40 233 701 160
    F +40 233 748 465
    E roman.tubularproducts
    @ arcelormittal.com

12. Slovak Republic, Kosice
    Slovak Republic and Hungary
    Gabriel Spisak
    Letina 45
    040 01 Kosice
    Slovak Republic
    T +421 55 632 39 49
    F +421 55 682 93 08
    E k osice.tubularproducts
    @ arcelormittal.com

13. UK, Solihull
    Mark Groves
    4 Princes Way
    Solihull, B91 3AL
    United Kingdom
    T +44 1217 03 30 99
    F +44 1217 05 83 41
    E s olihull.tubularproducts
    @ arcelormittal.com
Asia

14. United Arab Emirates, Dubai
  Vineet Pahwa
  P.O. Box 17619
  Jebel Ali Free Zone
  Dubai, United Arab Emirates
  T +971 4 887 38 15
  F +971 4 887 38 16
  E dubai.tubularproducts@arcelormittal.com

Africa

15. South Africa, Vereeniging
  Roche Bester
  P.O. Box 48
  Vereeniging 1930
  South Africa
  T +27 16 450 4174
  F +27 86 610 1067
  E vereeniging.tubularproducts@arcelormittal.com

North America

16. Canada, Brampton
  Kevin Flanagan
  14 Holtby Avenue
  Brampton, Ontario L6X 2M3
  Canada
  T +1 905 451 24 00 x7146
  F +1 905 451 27 95
  E brampton.tubularproducts@arcelormittal.com

17. Canada, Woodstock
  Tim Abbott
  193 Givins Street
  P.O. Box 1589
  Woodstock, ON N4S OA7
  Canada
  T +1 519 537 66 71
  F +1 519 539 68 04
  E woodstock.tubularproducts@arcelormittal.com

18. Mexico, Monterrey
  Servando Martinez
  Carretera Monterrey - Saltillo Km. 28.2
  Col. Arco Vial Libramiento Noreste
  Escobedo, NL 66050
  Mexico
  T +52 81 8220 80 42
  F +52 81 8220 80 01
  E monterrey.tubularproducts@arcelormittal.com

19. USA, Chicago
  Dan Nichols
  1 South Dearborn Street
  13th floor
  Chicago, IL 60603
  United States of America
  T +1 713 877 4407
  F +1 713 961 96 87
  E chicago.tubularproducts@arcelormittal.com

20. USA, Houston
  Dan Nichols
  1300 Post Oak Blvd.
  Suite 825
  Houston, TX 77056
  United States of America
  T +1 713 877 4407
  F +1 713 961 96 87
  E houston.tubularproducts@arcelormittal.com

21. USA, Marion
  Darren Dossi
  686 West Fairground Street
  Marion, Ohio 43302–1706
  United States of America
  T +1 800 345 88 23
  F +1 419 342 14 86
  E marion.tubularproducts@arcelormittal.com

22. USA, Shelby
  Mike Caporini
  132 West Main Street
  Shelby, Ohio 44875
  United States of America
  T +1 800 345 88 23
  F +1 419 342 14 37
  E shelby.tubularproducts@arcelormittal.com

South America

23. Venezuela, Unicon
  Andoni Goicoechea
  Av. Beethoven, Torre Financiera, PB
  Colinas de Bello Monte, Caracas, 1050
  Venezuela
  T +58 212 7534111 Ext. 3146
  F +58 212 7515746
  E sales@unicon.com.ve
Europe

Czech Republic – Karviná
The Karviná operations (formerly known as Jäkl Karviná) have a long tradition, producing longitudinal welded products for the mechanical industry since 1929. In addition Karviná has successfully entered the automotive market supplying high-quality longitudinal welded tubular products. Located in the eastern Czech province of Moravia, it is convenient for distribution in the Czech Republic, Slovakia and Poland, as well as Northern and Western Europe. Our annual capacity is 260,000 tons.

For the mechanical industry, ArcelorMittal Karviná, Tubular Products produces a wide range of tubes and sections, both open and hollow. For the furniture, radiator, mineral mining, bicycle and automotive industries, we make high-quality welded tubular products with precision tolerances (both cold-drawn and cold sized). Our facilities include tube mills, annealing furnaces, coating lines, cold-drawing benches, and machines for cutting and chamfering. For tube-making, we make use of a hot-stretched reduction process, which gives the product homogenous properties. We also make tubular products on calibrating lines within narrow tolerances.

Czech Republic – Ostrava
Established in 1951 and part of Mittal since January 2003, ArcelorMittal Ostrava, Tubular Products (formerly known as Nova Hut) has continuously invested in upgrading its facilities to produce a superior range of pipes and tubes. For the mechanical industry, we offer both seamless and spiral welded tubes. The combination of in-house steel-making and Czech reliability when it comes to quality has resulted in an outstanding portfolio of products. Our skilled technical staff is always ready to offer help and advice to make sure a customer’s project is a complete success. ArcelorMittal Ostrava, Tubular Products facilities include Stiefel seamless tube mills, a spiral welded tube mill, heat treatment installations, and facilities for threading, coating and flanging.

ArcelorMittal Ostrava, Tubular Products offers a range of high-quality products for the mechanical markets. From our plant in the eastern Czech province of Moravia, we distribute products throughout Europe, the Middle East and North America. Our annual capacity is 320,000 tons (275,000 tons seamless of which 75,000 tons OCTG, and 45,000 tons spiral welded).

France – Chevillon
The Chevillon plant is located in north-east France in the Marne valley. The tube manufactured ranges from 10.0mm to 55.0mm outside diameter and from 0.6mm to 3.0mm wall thickness. In addition to the standard low carbon steel grades, the factory also produces high-strength low-alloy (HSLA) and Dual Phase steels.

Today, the applications fall predominantly within the automotive market. Welded precision tube is used in the manufacture of seats, instrument panel beams, crash components, filler pipes, engine cradles, reinforcement components and shock absorbers.

The core manufacturing process consists of slitting, welding, NDT testing, and cutting, including brushing, length-measuring and washing. The outside flash is systematically removed to provide a smooth contour. The inside flash height is systematically adapted to the customer’s specification. In addition to the NDT testing, automation helps guaranteeing the customer the highest quality standard required by critical applications.

France – Hautmont
Located in the north of France close to Maubeuge, the ArcelorMittal Hautmont, Tubular Products factory (former Vallourec Précision Soudeau) was built at the beginning of the 20th century. Our production of cold sized welded precision tubes benefits from decades of experience on this site.

The tube manufactured ranges from 20.0mm to 130.0mm outside diameter and from 0.9mm to 6.0mm wall thickness. In addition to the standard low carbon steel grades, the factory produces high-strength low-alloy (HSLA), Dual Phase and Trip grades. The factory produces the lighter and heavier wall-to-diameter ratios.

Today, the plant is dedicated to meeting the demand for tubes of the automotive industry. Our tubes are used in numerous functions such as suspension systems, body in white, engine environment and driveline systems.

The Hautmont plant consists of slitting, ERW welding, NDT testing, annealing, as well as cutting facilities with chamfering, length-measuring, washing and automatic packaging. All the welding mills benefit from automatic process control which helps to guarantee the customer the highest quality standards. The outside flash is systematically removed to provide a smooth contour. And the inside flash height is systematically adapted to the customer’s specification.

Day to day, the plant’s commitment to meeting or exceeding customer satisfaction relies on a strong global Quality Management System based on ISO 9001 and ISO TS 16949 standards. Our commitment to quality also extends to the factory environment and the requirements for ISO 14001 certification. Alongside the quality of the products delivered, the optimum quality of service is met by paying special attention to all aspects of logistics: co-ordination with Research and Development teams working on the product, lean manufacturing and a flexible shipping framework which may include consignment stock. Overall, our entrepreneurial organization places the skills, development and responsibility of each employee at the top of the agenda and encourages employees to take part in our Continuous Improvement Teams process.
Poland – Kraków
The ArcelorMittal, Tubular Products unit in Kraków produces longitudinal welded tubular products for mechanical purposes, such as building, water distribution, and scaffolding. Our location in the southern province of Malopolskie ensures reliable distribution throughout Poland, Czech Republic, Slovakia, Germany, Denmark, and the Baltic states. Our annual capacity is 250,000 tons per year.

As we are closely working together with the steel making unit of ArcelorMittal Poland (formerly Huta im. Tadeusza Sendzimira) we have access to the excellent metallurgy of Poland’s leading steel producer. Our facilities include tube mills, machines for cutting, beveling and threading, and coating units. The tube-making lines make use of a hot-stretched reduction process, which provides the product with homogenous properties.

Romania – Iasi
Established in 1963, ArcelorMittal Iasi, Tubular Products (formerly Tepro) is the largest producer of longitudinal welded steel tubes in Romania and the nation’s market leader for mechanical tubes. From our location in Iasi, in the east of the country, we can easily distribute products throughout Romania and most of its neighbours. Our annual capacity is 380,000 tons.

ArcelorMittal Iasi, Tubular Products facilities include hot stretched reduction mills, cold forming tube mills annealing furnaces for normalizing, coating lines, and machines for threading.

Romania – Roman
ArcelorMittal Roman, Tubular Products (formerly Petrotub Roman) is a one-stop shop for the entire range of tubular products required in the energy industry. Located in the northeast of Romania, we produce seamless pipes for oil and gas projects around the world. Our annual capacity is 480,000 tons.

With the largest and widest size range on offer, ArcelorMittal Roman, Tubular Products produces high-quality seamless tubes in carbon steel and low-alloy steel for various applications in sectors such as machinery and mechanical industries. The steel required is drawn from steel making resources within the group.

Africa
South Africa – Vereeniging
ArcelorMittal Vereeniging, Tubular Products offers seamless cold drawn tubes for the engineering and automotive markets. Located close to Johannesburg, we distribute throughout South Africa and, through two seaports, to Europe, North America, the Middle East, and Asia. The pipe and tube plant has an annual capacity of 100,000 tons.

ArcelorMittal Vereeniging, Tubular Products (formerly part of Iscor) has a long history of steel production. We are the only South African producer of seamless cold drawn tubes and by using modern techniques we are able to supply products of excellent quality. The tube mill is a fully integrated plant, using steel produced at ArcelorMittal’s local site at Vereeniging. For applications in the mineral mining, boiler tubes, hydraulic cylinders, heat exchanger and automotive industries, ArcelorMittal Vereeniging, Tubular Products also offers a range of cold-drawn seamless precision tubes. Our stringent quality control of the steel produced allied to our state-of-the-art equipment in the tube mill ensures an excellent quality product. Our staff is fully committed to serving our customers’ needs, either for projects or for regular supplies. Our facilities include a pipe mill, cold drawing benches, and finishing and coating equipment.
Canada – Brampton
ArcelorMittal Brampton, Tubular Products (former part of the Dofasco Tubular Products group) manufactures small diameter welded mechanical products that range from 12.0mm (0.472 inch) to 76.2mm (3.0 inch).

We are a supplier of round, square, rectangular, and elliptical welded tubes. We can also produce other special shapes. Our facility manufactures tubing using a variety of materials and finishes including low carbon and higher strength grades that we can supply with different coatings such as galvanized, galvanneal, or zinc-nickel. Our annual capacity is 64,000 tons.

We supply high quality products from three tube mills with a variety of cutting and end finish capabilities used in many applications in the automotive, furniture, fixtures, distribution markets and elsewhere.

Brampton Ontario is part of the greater Toronto area and is served by several major transportation routes, including the 401 highway, giving access to both Canadian and American markets.

Canada – Woodstock
The Woodstock facility (formerly Standard Tube) manufactures welded tubes and services the mechanical tube industry. Thanks to our in-house knowledge we offer unique experience in the development and production of complex precision tubing.

Strategically located in Woodstock, Ontario, our proximity to major North American customers helps us achieve excellent service delivery.

What began as a small business over one hundred years ago continues to value teamwork, commitment, and pride. Today, we are putting those values to work, developing innovative products and technology to meet new demands in progressive industries.

Our facilities includes five tube mills and multiple cutting systems. Our annual capacity is 118,000 tons.

Mexico – Monterrey
ArcelorMittal Monterrey, Tubular Products (formerly Dofasco de Mexico) is a world class manufacturing facility meeting the needs of various automotive and non-automotive mechanical tube end-users. The strategic location of the modern industrial city of Monterrey helps us provide quality service and just-in-time delivery to our mechanical industry customers in Mexico and the Southern United States. Our tubular products are capable of meeting demanding applications including rounds and specialized shapes within a cold-sizing process and meeting tightest quality, non-destructive testing requirements. Our facilities include two tube mills, a longitudinal slitting line, cutting cells, a humidity controlled warehouse and a mechanical testing lab. Our annual capacity is 154,000 tons. In addition to its tube business, Monterrey provides steel slitting services and steel distribution services.

USA – Marion
The Marion plant of ArcelorMittal, Tubular Products (formerly Dofasco Copperweld) manufactures as-welded mechanical tubing in a variety of steel grades to serve the boiler tube, conveyor roll, automotive markets and service centers. The as-welded tubing is offered hot-rolled, picked-and-oiled and cold-rolled. It can be normalized for improved formability. Our annual capacity is 65,000 tons.

Our as-welded mechanical product is produced from carbon steel manufactured to ASTM specification A513, as well as ASTM/ASME, A/SA 178 and A/SA 214. Carbon steel is cost-effective and provides low to moderate strength and moderate to excellent formability. It also offers generally excellent fabricating qualities such as welding or bending.

Also available are high-strength low-alloy (HSLA) grades, which offer a distinct advantage in strength/weight ratio that can result in reduced section weight and possible lower overall unit costs. Strength levels from 40.0 through 90.0-psi minimum yield strength are available.
Marion as-welded mechanical tubing has excellent surface quality. All tube is continuously stenciled and has a water-soluble synthetic rust preventative applied.

This facility also has some of the most extensive tube cutting capabilities in the industry. Marion’s full size range can be cut to length in one of our six cutting centers. Tolerances as close as +/-0.03 inch are available. Chamfering and wire brush de-burring of OD and ID surfaces are available.

Our facility is certified as meeting ISO 9001 quality standards, as well as the auto industry’s demanding TS 16949 certification.

ArcelorMittal Marion’s tubular products are found in a variety of end uses, including boiler tubes, conveyor rolls, agricultural, industrial and construction equipment.

**USA – Shelby**

ArcelorMittal’s Shelby, Tubular Products plant (formerly Dofasco Copperweld) manufactures welded and seamless precision tubes in a variety of steel grades for the fluid power, automotive, construction equipment, farm machinery, oil and gas drilling and service center markets. We are one of the most diversified manufacturers of tubing products in North America with deliveries throughout the world. Our annual capacity is 218,000 tons.

Our Drawn-Over-Mandrel (DOM) or cold drawn welded tubing is available in one of the most extensive size ranges in the world. A specialized product, TuffDOM tubing, is designed for the most demanding applications, in particular those involving fluid power. In test after test, TuffDOM has proven itself particularly suited to high load-bearing applications and to jobs where an exceptional ability to withstand the severe stress of cold temperatures is important. Our years of experience in the manufacture of DOM tubing has allowed us to reduce the guaranteed machining, honing and centerless grinding allowances for this product as much as 50% from normal industry standards, and to guarantee OD and ID tolerances that are tighter than commercial standards.

Shelby furnishes seamless tubing both in cold-drawn and hot-finished conditions. The product is available in a wide spectrum of carbon and alloy grades manufactured to ASTM, AMS, MIL, SAE, AISI and EN specifications.

We offer quench and temper heat treatment for specialized mechanical tubing products.

Our facility is certified as meeting ISO 9001:2000 quality standards. To further assure a quality product our standard non-destructive electronic testing procedures are in complete compliance with the guidelines set by ASTM and a large number of EN specifications.

ArcelorMittal Shelby’s tubular products are employed in a variety of uses, including applications for trains and aircraft, bushings, spacers, bearings, hydraulic cylinders, oil and gas tooling, drilling and agricultural, recreational, industrial and construction equipment.
### Mechanical Fact Sheet

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard</th>
<th>Size</th>
<th>Grades/Quality</th>
<th>Special coatings and protection</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>France Chevillon</strong></td>
<td>Welded cold drawn tubes</td>
<td>EN 10305-4-5, ASTM 513, JIS</td>
<td>0.8mm - 80.0mm</td>
<td>0.6mm - 3.0mm</td>
</tr>
<tr>
<td><strong>France Hautmont</strong></td>
<td>Welded cold drawn tubes</td>
<td>EN 10305-3-5, ASTM 513, JIS</td>
<td>20.0mm - 135.0mm</td>
<td>0.8mm - 6.0mm</td>
</tr>
<tr>
<td><strong>Poland Kraków</strong></td>
<td>Tubes for installation</td>
<td>EN 10255</td>
<td>0.375&quot; - 6.0&quot;</td>
<td>2.0mm - 5.4mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EN 10224</td>
<td>0.375&quot; - 6.0&quot;</td>
<td>2.0 - 7.1mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ASTM A-53, AS 33M-04a</td>
<td>30.375&quot; - 6.0&quot;</td>
<td>for STD 40</td>
</tr>
<tr>
<td></td>
<td>Tubes for construction</td>
<td>EN 39, BS 1139</td>
<td>48.3mm</td>
<td>Type 3 and 4</td>
</tr>
<tr>
<td></td>
<td>EN 10210</td>
<td>21.3mm - 168.3mm</td>
<td>2.3mm - 6.3mm</td>
<td>S235JR, S275JR, S355J0, S355J2, S355M, S355NH</td>
</tr>
<tr>
<td></td>
<td>Tubes for piping and pressure</td>
<td>EN 10217-1, EN 10217-2</td>
<td>17.2mm - 168.3mm</td>
<td>2.3mm - 6.3mm</td>
</tr>
<tr>
<td></td>
<td>Tubes for gas transportation</td>
<td>EN 10208-1, EN 10208-2</td>
<td>33.7mm - 163.3mm</td>
<td>2.6mm - 6.0mm</td>
</tr>
<tr>
<td></td>
<td>Hot rolled hollow sections for</td>
<td>EN 10201-1, EN 10201-2</td>
<td>40.5, 5.0, 6.3mm</td>
<td>S235JR, S275JR, S355J0H, S355J2H, S355M, S355NH, S355NH</td>
</tr>
<tr>
<td></td>
<td>construction</td>
<td>outside diameter: H =</td>
<td>80X80mm</td>
<td>S195TR1, S195TR2, S355J2H, S355N</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100X100mm</td>
<td>120X120mm</td>
<td>S235JRH, S275JRH, S355J2H, S355NH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inside diameter: H =</td>
<td>100X55mm</td>
<td>S195TR1, S195TR2, S355J2H, S355NH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>120X65mm</td>
<td>120X65mm</td>
<td>S195TR1, S195TR2, S355J2H, S355NH</td>
</tr>
<tr>
<td><strong>Czech Republic Ostrava</strong></td>
<td>Seamless tubes for construction</td>
<td>EN, ASTM, DIN, CEN, NF, CORR</td>
<td>21.3mm - 273.1mm</td>
<td>2.3mm - 25mm</td>
</tr>
<tr>
<td></td>
<td>Spiral welded tubes for</td>
<td>EN, DIN, CEN, GS, CORR</td>
<td>12.75&quot; - 32&quot;</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>construction</td>
<td>EN 10235 (victa)</td>
<td>0.25 - 6.0&quot;</td>
<td>2.3mm - 5.4mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ASTM A53</td>
<td>0.5 - 8.0&quot;</td>
<td>2.7mm - 8.1mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EN 10224</td>
<td>26.9mm - 219.1mm</td>
<td>2.3mm - 8.0mm</td>
</tr>
<tr>
<td></td>
<td>Tubes for installation</td>
<td>EN 93</td>
<td>48.3mm</td>
<td>Type 3 and 4</td>
</tr>
<tr>
<td></td>
<td>EN 10210-1, EN 10210-2</td>
<td>OD=17.2mm - 88.9mm</td>
<td>20.0mm - 5.0mm</td>
<td>S235JR, S275JR, S355J2H</td>
</tr>
<tr>
<td></td>
<td>EN 10219-1, EN 10219-2</td>
<td>OD=38.0mm - 219.1mm</td>
<td>2.0mm - 6.0mm</td>
<td>S235JR, S275JR, S355J2H</td>
</tr>
<tr>
<td></td>
<td>m=15, 20, 30, 40, 50, 60mm</td>
<td>1.5mm - 3.5mm</td>
<td>S235JR, S275JR</td>
<td></td>
</tr>
<tr>
<td><strong>Romania Iasi</strong></td>
<td>Welded cold drawn tubes</td>
<td>EN 10305-3</td>
<td>OD=16.0mm - 76.0mm</td>
<td>1.0mm - 3.2mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>m=20 - 60mm</td>
<td>1.0mm - 3.2mm</td>
<td>E195, E235, E275</td>
</tr>
<tr>
<td></td>
<td></td>
<td>lb=21X10 - 95X25mm</td>
<td>2.5mm - 12mm</td>
<td>S235JR</td>
</tr>
<tr>
<td></td>
<td>Tubes for piping and pressure</td>
<td>EN 10217-1 (victa)</td>
<td>17.2mm - 219.1mm</td>
<td>2.3mm - 8mm</td>
</tr>
<tr>
<td></td>
<td>EN 10217-2 (victa)</td>
<td>17.2mm - 219.1mm</td>
<td>2.3mm - 8mm</td>
<td>P235GH</td>
</tr>
<tr>
<td></td>
<td>Tubes for gas transportation</td>
<td>EN 10208-1, EN 10220</td>
<td>33.7mm - 219.1mm</td>
<td>2.3mm - 8mm</td>
</tr>
<tr>
<td></td>
<td>EN 10208-2</td>
<td>88.9mm - 219.1mm</td>
<td>3.2mm - 6.5mm</td>
<td>L245NB, L900NB, L360NB</td>
</tr>
<tr>
<td><strong>Romania, Roman</strong></td>
<td>Seamless tubes for construction</td>
<td>EN, SR</td>
<td>3.0&quot; - 20.0&quot;</td>
<td>5.20mm - 50mm</td>
</tr>
<tr>
<td></td>
<td>Heat exchanger tubes</td>
<td>EN, ASTM, DIN, SR</td>
<td>3.0&quot; - 20.0&quot;</td>
<td>5.20mm - 50mm</td>
</tr>
<tr>
<td><strong>Mexico Monterey</strong></td>
<td>Welded cold drawn tubes</td>
<td>ASTM 513</td>
<td>0.5&quot; - 6.625&quot;</td>
<td>0.030&quot; - 0.189&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Standard</td>
<td>Outside diameter</td>
<td>Wall thickness</td>
<td>Grades/Quality</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>-------------------</td>
<td>------------------</td>
<td>----------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Welded cold sized tubes</td>
<td>ASTM 513</td>
<td>0.472&quot; - 3.0&quot;</td>
<td>0.022&quot; - 0.125&quot;</td>
<td>Carbon base grades</td>
</tr>
<tr>
<td>Welded cold sized tubes</td>
<td>ASTM 513</td>
<td>0.75&quot; - 7.5&quot;</td>
<td>0.032&quot; - 0.460&quot;</td>
<td>Carbon base grades</td>
</tr>
<tr>
<td>Hollow structural sections</td>
<td>ASTM A500 Grade B/C</td>
<td>2X2&quot; - 8X4&quot;</td>
<td>0.125&quot; - 0.375&quot;</td>
<td>1022</td>
</tr>
<tr>
<td>Cold Drawn Welded Tubes</td>
<td>ASTM 513</td>
<td>0.504&quot; - 5.56&quot;</td>
<td>0.065&quot; - 0.260&quot;</td>
<td>Carbon base grades</td>
</tr>
<tr>
<td>Welded cold sized tubes</td>
<td>ASTM A513, SA178/214</td>
<td>1.0&quot; - 6.0&quot;</td>
<td>0.065&quot; - 0.313&quot;</td>
<td>1006 to 1035, 1082, 1582, 9047, 9049, 65W and ST52-3 or E355</td>
</tr>
<tr>
<td>Hot Finish Seamless Tubes</td>
<td>ASTM A519</td>
<td>2.188&quot; - 6.75&quot;</td>
<td>0.25&quot; - 1.75&quot;</td>
<td>Carbon base grades</td>
</tr>
<tr>
<td>Cold Drawn Seamless Tubes</td>
<td>ASTM A519</td>
<td>1.375&quot; - 7.75&quot;</td>
<td>0.171&quot; - 1.687&quot;</td>
<td>Carbon base grades</td>
</tr>
<tr>
<td>Longitudinal welded</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hollow Structural Sections</td>
<td>ASTM A500 Gr. B/C</td>
<td>H: 60x60mm – 260x260mm</td>
<td>2.25mm – 11 mm</td>
<td>B Y C</td>
</tr>
<tr>
<td>Tubes for piping, gas and pressure</td>
<td>ASTM A53</td>
<td>0.500 - 12.000&quot;</td>
<td>12.5 – 300 mm</td>
<td>2.77mm – 11.13 mm</td>
</tr>
<tr>
<td>Tubes for electrical installation</td>
<td>ANSI C80.8</td>
<td>0.500 - 6.000&quot;</td>
<td>12.5 – 150 mm</td>
<td>2.64mm – 6.76mm</td>
</tr>
<tr>
<td>Tubes for fences</td>
<td>ANSI C80.6</td>
<td>0.500 - 4.000&quot;</td>
<td>12.5 – 100 mm</td>
<td>1.79mm – 4.06mm</td>
</tr>
<tr>
<td>Tubes for furniture and construction</td>
<td>ANSI C80.3</td>
<td>0.500 - 2.000&quot;</td>
<td>12.5 – 50 mm</td>
<td>1.07mm – 1.65mm</td>
</tr>
<tr>
<td>Welded cold drawn tubes for precision applications</td>
<td>EN 10305 - 2</td>
<td>D = 10.0mm - 120.0mm</td>
<td>1.0mm – 6.0mm</td>
<td>E155, E195, E235, 8275, E355</td>
</tr>
<tr>
<td>Welded cold sized tubes for precision applications</td>
<td>EN 10305 - 3</td>
<td>D = 8.0mm - 70.0mm</td>
<td>0.5mm – 3.2mm</td>
<td>E155, E195, E235, 8275, E355, E190, E220, E260, E320, E370, E420</td>
</tr>
<tr>
<td>Welded and cold sized square and rectangular tubes for precision applications</td>
<td>EN 10305 - 5</td>
<td>B = max. 155mm</td>
<td>H = max. 150mm</td>
<td>0.5mm – 4.0mm</td>
</tr>
<tr>
<td>Welded steel tubes for tube and coupler scaffolds</td>
<td>EN 39</td>
<td>D = 48.3mm</td>
<td>3.2mm &amp; 4.0mm</td>
<td>S235GT</td>
</tr>
<tr>
<td>Welded hot finished structural hollow sections</td>
<td>EN 10210-1, EN 10210-2</td>
<td>D = 10.0mm - 150.0mm</td>
<td>0.5mm – 5.0mm</td>
<td>S235BH, S275DH, S275DH, S355JRH, S355J0H, S355J2H</td>
</tr>
<tr>
<td>Welded hot finished structural hollow sections</td>
<td>EN 10219-1, EN 10219-2</td>
<td>D = 10.0mm - 150.0mm</td>
<td>0.5mm – 5.0mm</td>
<td>S235BH, S275DH, S275DH, S355JRH, S355J0H, S355J2H</td>
</tr>
<tr>
<td>Welded pipes for pressure purposes</td>
<td>EN 10217-1, EN 10220</td>
<td>D = 17.2mm – 114.3mm</td>
<td>1.8mm – 5.0mm</td>
<td>P195TR1&amp;2, P235TR1&amp;2, P265TR1&amp;2</td>
</tr>
<tr>
<td>Welded steel suitable for welding and threading</td>
<td>EN 10255</td>
<td>D = 17.2mm – 114.3mm</td>
<td>1.8mm – 5.0mm</td>
<td>P195TR1, P195TR2, P235TR1, P235TR2, P265TR1, P265TR2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Canada Brampton</strong></td>
<td>Welded cold sized tubes, Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td><strong>Canada Woodstock</strong></td>
<td>Welded cold sized tubes, Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td><strong>USA Marion</strong></td>
<td>Welded cold sized tubes, Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td><strong>USA Shelby</strong></td>
<td>Welded cold sized tubes, Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td><strong>Venezuela Unicon</strong></td>
<td>Hollow Structural Sections, Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td><strong>Czech Republic Karvina</strong></td>
<td>Welded cold drawn tubes for precision applications, Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td><strong>Galvanized, galvanneal, galvalume, zinc-nickel</strong></td>
<td>1. Hot Dip Galvanizing EN 10340 (A.1, A.2, A.3, B.1, B.2, B.3 inclusive of zinc coating - quality for water for human consumption)</td>
</tr>
<tr>
<td><strong>Painting (outside surface)</strong></td>
<td>Water based paint Denakor (Granodraf)</td>
</tr>
<tr>
<td><strong>Temporary corrosion protection Shell Catina (2 months/ indoor)</strong></td>
<td>Khok 101 (6 months/ indoor) Konserve EM (2 months/ indoor)</td>
</tr>
<tr>
<td><strong>Bondenizing Fe-Zn phosphate (Grandoraft)</strong></td>
<td>3. Bondenizing Fe-Zn phosphate (Grandoraft)</td>
</tr>
</tbody>
</table>
ArcelorMittal Tubular Products is a leading manufacturer and marketer of welded and cold drawn mechanical steel tubing and tubular shapes, fabricated parts and precision components. For our customers we are not only a tube manufacturer, but also a development partner and supplier offering excellence in delivery logistics. Apart from standardized products made of welded and seamless steel tubes, above all we offer solutions matching the specific needs of our customers, supplemented by an extensive range of services.

Steel tubing has been proven to contribute to lower costs, advanced safety, and reduction of overall mass in automotive production assemblies. Firstly, the use of tubes helps in reducing the number of welds and thereby saves time and money costs on key manufacturing processes. Secondly, tubes can help improve the strength of the structure, contributing to safety performance. And thirdly the relative weight of tubes in combination with the optimal number of joints reduces vehicle weight, which will contribute to lower CO₂ emissions.

To optimize our product we make full use of all technical and economic resources right through the entire process chain. The combined knowledge of the ArcelorMittal people ranges from steel making to the design and manufacturing of the final tubular product for the vehicle application. With a number of Tubular Products units specializing in the supply of tubes for the automotive industry, ArcelorMittal, Tubular Products is a just-in-time supplier to leading car makers and parts suppliers. Backed by extensive design resources and specific testing installations, these group companies can design novel solutions based on functional plans.

Wide ranges of longitudinally welded and seamless tubes are available to the automotive industry. The tubes can be given precise dimensions in a cold drawing or cold sizing process. In the cold drawn range both welded and seamless tubes are available. The surface is suitable for chromium plating, galvanizing, and color coating. These tubular products are available as round tubes or as profiles (e.g. square, rectangular, oval or hexagonal).

We are committed to our philosophy of operational excellence. This means meeting customer specifications and supplying our products on time. Day to day, the plant’s commitment to meeting or exceeding customer satisfaction relies on a strong global Quality Management System based on ISO 9001 and ISO TS 16949 standards. Our commitment to quality also extends to the factory environment and the requirements for ISO 14001 certification. Alongside the quality of the products delivered, the optimum quality of service is met by paying special attention to all aspects of logistics: co-ordination with research and development teams working on the product, lean manufacturing and a flexible shipping framework which may include consignment stock.

Overall, our entrepreneurial organization places the skills, development and responsibility of each employee at the top of the agenda and encourages employees to take part in our Continuous Improvement Teams process.

Our automotive units, which offer fully integrated steel tube fabrication, are experienced in the production of high strength low alloy steels, including alternative mass saving materials. We supply our customers with innovative products, modules and systems and are partners in the product development process. In this partnership they profit from our flexibility and our quick decision making.

The integration of new functions into products which provide genuine added value for our customers dominates our efforts. Co-operative partnerships are for us a matter of course.
Automotive
Global reach

Europe

1. Czech Republic, Karviná
   Daniel Stolarz
   Rudá Armédy 471
   73323 Karviná – Fránc
   Czech Republic
   T +420 596 39 13 31
   F +420 596 31 13 48
   E karvina.tubularproducts
      @ arcelormittal.com

2. France, Chevillon
   Frank Neumann
   1 Rue de la Marne
   52170 Chevillon
   France
   T +33 6 29 23 50 25
   F +33 3 25 04 49 15
   E chevillon.tubularproducts
      @ arcelormittal.com

3. Luxembourg
   Ludovic Martin
   19 Avenue de la Liberté
   Luxembourg
   L-2930
   T +352 4792 1
   F +352 4792 3190
   E tubularproducts
      @ arcelormittal.com

4. France, Hautmont
   Frank Neumann
   5 rue Luigi Cherubini
   93212 La Plaine Saint-Denis Cedex
   France
   T +33 1 71 92 18 09
   F +33 3 27 69 20 55
   E hautmont.tubularproducts
      @ arcelormittal.com

5. France, Paris
   Frank Neumann & Didier Bonjean
   France
   T +33 6 69 23 50 25
   T +33 6 07 53 99 16
   E paris.tubularproducts
      @ arcelormittal.com

6. France, Vitry le Francois
   Didier Bonjean
   ZI Vitry-Morillès
   51 301 Vitry-le-François Cedex
   France
   T +33 6 07 53 99 16
   F +33 3 26 62 27 01
   E vitry.tubularproducts
      @ arcelormittal.com

7. Germany, Duisburg
   Germany, Switzerland
   and Austria
   Andreas Noetzel
   Wurtsstraße 125
   47053 Duisburg
   Germany
   T +49 203 606 73 50
   F +49 203 606 73 18
   E dussburg.tubularproducts
      @ arcelormittal.com

8. Germany, Kühn
   Frank Neumann
   Germany
   T +49 22 05 910 471
   F +49 22 05 910 472
   E koh.tubularproducts
      @ arcelormittal.com

9. Italy, Milan
   Enrico Caruso
   Centro direzionale Milano Oltre/Palazzo
   Tintoretto
   Via Cassanese, 224
   20090 Segrate (MI)
   Italy
   T +39 02 2693 15 31
   F +39 02 2693 15 40
   E milan1.tubularproducts
      @ arcelormittal.com

10. Italy, Milan
    Precision Tubes
    Attilio Tafuri
    Via Cinarosa, 11
    20144 Milan
    Italy
    T +39 02 498 54 41
    F +39 02 481 58 89
    E milan2.tubularproducts
       @ arcelormittal.com

11. Slovak Republic, Kosice
    Slovak Republic and Hungary
    Gabriel Spisak
    Letna 45
    040 01 Kosice
    Slovak Republic
    T +421 55 632 39 49
    F +421 55 682 93 08
    E kosice.tubularproducts
       @ arcelormittal.com

12. Spain, Barcelona
    Igor Roca Cuffì
    C/ Balmes, 247 – 5è 4E
    08006 Barcelona
    Spain
    T +34 934 150 285
    F +34 934 153 217
    E barcelona.tubularproducts
       @ arcelormittal.com

13. UK, Solihull
    Mark Groves
    4 Princes Way
    Solihull, B91 3AL
    United Kingdom
    T +44 1217 03 30 99
    F +44 1217 03 0585
    E solihull.tubularproducts
       @ arcelormittal.com

Asia

14. United Arab Emirates, Dubai
    Vineet Pathwa
    P.O. Box 17619
    Jebel Ali Free Zone
    Dubai, United Arab Emirates
    T +971 4 887 38 15
    F +971 4 887 38 16
    E dubai.tubularproducts
       @ arcelormittal.com
Europe

Czech Republic – Karviná
The Karviná operations (formerly known as Jäkl Karviná) have a long tradition, producing longitudinal welded products for the mechanical industry since 1929. In addition Karviná has successfully entered the automotive market producing high-quality longitudinal welded cold-drawn and cold-sized tubular products. Located in the eastern Czech province of Moravia, it is convenient for distribution in the Czech Republic, Slovakia, Poland and Hungary, as well as Northern and Western Europe. Our annual combined capacity is equal to 51,000 tons.

Our facilities include tube mills, annealing furnaces, cold-drawing benches, and machines for cutting and chamfering. For tube-making, we make use of a hot-stretched reduction process, which gives the product homogeneous properties. We also make tubular products on cold sizing lines within narrow tolerances.

France – Chevillon
The Chevillon plant is located in the north-east of France in the Marne valley. The tube manufactured ranges from 10.0mm to 55.0mm outside diameter and from 0.6mm to 3.0mm wall thickness. In addition to the standard low carbon steel grades, the factory also produces high-strength low-alloy (HSLA) and Dual Phase steels. Today, production is aimed predominantly at the automotive market. Welded precision tube is used in the manufacturing of seats, instrument panel beams, crash components, filler pipes, engine cradles, reinforcement components and shock absorbers.

The core manufacturing process consists of slitting, welding, NDT testing, and cutting, including brushing, length-measuring and washing. The outside flash is systematically removed to provide a smooth contour. The inside flash height is adapted to meet the customer’s specification. In addition to the NDT testing, automation helps guarantee the customer the highest quality standards required in critical applications.

France – Hautmont
Located in the North of France close to Maubeuge, the ArcelorMittal Hautmont, Tubular Products factory (former Vallourec Précision Soudage) was built at the beginning of the 20th century. The production of cold sized welded precision tubes benefits from decades of experience on this site.

The tube manufactured ranges from 20.0mm to 130.0mm outside diameter and from 0.9mm to 6.0mm wall thickness. In addition to the standard low carbon steel grades, the factory produces high-strength low-alloy (HSLA), Dual Phase and Trip grades. The factory produces the lighter and heavier wall-to-diameter ratios.

Today, the plant is dedicated to meeting the demand for tubes from the automotive industry. Our tubes are used in numerous functions such as suspension systems, body in white, engine environment and driveline systems.

The Hautmont plant consists of slitting, ERW welding, NDT testing, annealing, as well as cutting facilities with chamfering, length-measuring, washing and automatic packaging. All the welding mills benefit from automatic process control ensuring that the customer enjoys the highest quality standards. The outside flash is systematically removed to provide a smooth contour. The inside flash height is adapted to meet the customer’s specification.

Day to day, the plant’s commitment to meeting or exceeding customer satisfaction relies on a strong global Quality Management System based on ISO 9001 and ISO TS 16949 standards. Our commitment to quality also extends to the factory environment and the requirements for ISO 14001 certification. Alongside the quality of the products delivered, the optimum quality of service is met by paying special attention to all aspects of logistics: co-ordination with Research and Development teams working on product, lean manufacturing and a flexible shipping framework which may include consignment stock. Overall, our entrepreneurial organization places the skills, development and responsibility of each employee at the top of the agenda and encourages employees to take part in our Continuous Improvement Teams process.
France – Vitry le François

The Vitry le François facility is a major supplier of automotive tubular chassis parts, including tubular rear cross parts for twist beam axles, and crash management parts and components. The core business is to design, develop and produce components which meet the quality standards required by the automotive industry. Thanks to the combination of expertise in steel, tubes, cold forming, and product and process simulation based on the behaviour of real tubular materials, Vitry has been successful in designing innovative and cost efficient tubular products in close co-operation with its customers.

Africa

South Africa – Vereeniging

ArcelorMittal Vereeniging, Tubular Products offers seamless cold drawn tubes to the automotive industry. Located close to Johannesburg, we distribute throughout South Africa and through two seaports, to Europe, North America, the Middle East, and Asia. The cold drawing mill has an annual capacity of 9,000 tons.

ArcelorMittal Vereeniging, Tubular Products (formerly part of Iscor) has a long history of steel production. We are the only South African producer of cold drawn seamless tubes, and our people are committed to supply products of excellent quality. The hollows come from the tube mill with which the cold drawing operations are fully integrated. Our facilities include cold drawing benches, pickling shop, annealing furnace, and finishing and coating equipment.

North America

Canada – Brampton

ArcelorMittal Brampton, Tubular Products (former part of the Dofasco Tubular Products group) manufactures small diameter welded mechanical products that range from 12.0mm (0.472 inch) to 76.2mm (3.0 inch).

We are a supplier of round, square, rectangular, and elliptical welded tubes. We can also produce other special shapes. Our facility manufactures tubing using a variety of materials and finishes including low carbon and higher strength grades that we can supply with different coatings such as galvanized, galvanneal, or zinc nickel. Our annual capacity is 64,000 tons.

We supply high quality products from three tube mills with a variety of cutting and end finish capabilities used in many applications in the automotive, furniture, fixtures, distribution markets and elsewhere.

Brampton Ontario is part of the greater Toronto area and is served by several major transportation routes giving access to both Canadian and American markets.

Canada – Hamilton

ArcelorMittal Hamilton, Tubular Products (formerly Dofasco Tubular Products) manufactures precision welded tubular products that satisfy the most demanding applications in the automotive industry. We are a North American leader in the supply of tubing for complex hydroformed and other high-value added automotive applications. We provide our customers with tubes from 12.0mm (.472”) through 165mm (6.5”) in round, square, rectangle and oval shapes.

We produce tubes made from a variety of steel specifications and coatings, from HR P&O, through Cold Rolled, Galvanized, Galvanneal and Galvalume. We have extensive experience in manufacturing tubes with the latest AHSS steels including DP780. The tubing operations are integrated with the ArcelorMittal steelworks, also in Hamilton. From this location we service our customers in Ontario, and the North East and Mid West US markets. The tubing capacity at this facility is 185,000 toner annum.

Our facilities include tube mills, cuttingsaws and the ability to provide value-add fabrication of automotive components. Process and product support include inline cut, wash and deburr, nondestructive and destructive testing. The result is highly automated production of tubing with a high level of dimensional control and optimal formability.

Canada – London

The London plant, which was formerly part of the Dofasco Automotive Components group produces structural cross members and axle housing assembly systems for passenger vehicles and light trucks. The highly efficient fully automated welding process uses a collection of sub assembly fixtures coordinated with the downstream machining operations. A key strength established at this location is the ability to assemble complex components and assemblies.

The plant has integrated transfer lines that include operations such as cutting, forming, welding, assembly, marking, error proofing and washing.
North America

Canada – Woodstock
The Woodstock facility (formerly Dofasco Automotive Components and Standard Tube) combines tube making and processing, serving the automotive and mechanical industries. Woodstock is a steel tube fabricator specializing in high strength, low alloy steels for automotive applications. Thanks to our in-house knowledge we offer unique experience in product design and production of complex, precision tubing, axles, propshafts and energy management solutions.

Our facilities include five tube mills and multiple cutting systems. Our annual capacity is approximately 118,000 tons.
Strategically located in Woodstock, Ontario, our proximity to the major North American automotive manufacturing centers means we can supply our customers quickly and efficiently. What began as a small business over one hundred years ago continues to value teamwork, commitment, and pride. Today, we are putting those values to work, developing innovative products and technology to meet new demands in progressive industries.

Our innovative approach is replacing the traditional with tubular steel solutions that optimize mass, crash performance and cost efficiency.

Mexico – Monterrey
ArcelorMittal Monterrey, Tubular Products (formerly Dofasco de Mexico) is a world class manufacturing facility focused on supporting the automotive industry needs. The Monterrey location is well situated to service and supply just-in-time delivery to automotive customers in Mexico and the Southern United States.

Our tubular products are used in demanding applications such as: hydroform tubes, drive shafts, rectangular, rounds and specialized shapes within a cold sizing welding process meeting the tightest quality non destructive testing requirements. Our facilities include two tube mills, a longitudinal slitting line, cutting cells, a humidity controlled warehouse and a mechanical testing lab. In addition to its tube business, Monterrey provides steel slitting services and steel distribution services. Annual capacity is 154,000 tons.

USA – Marion
The Marion plant of ArcelorMittal, Tubular Products (formerly Dofasco Copperweld) manufactures cold sized or as-welded tubing in a variety of steel grades to serve the automotive market’s requirements. Our annual capacity is 65,000 tons.
Marion’s as-welded mechanical tubing has excellent surface quality. This facility also has some of the most extensive tube cutting capabilities in the industry. Marion’s full size range can be cut to length in one of our six cutting centers. Tolerances as close as +/-0.03 inch are available. Chamfering and wire brush de-burring of OD and ID surfaces are available.

Marion tube mills are equipped with state-of-the-art, cost-effective cut-offs that produce a chamfered tube cut-to-length to a tolerance of +/-0.25 inch, for lengths between 15 inch to 30 inch.

USA – Shelby
ArcelorMittal Shelby, Tubular Products (formerly Dofasco Copperweld) manufactures welded and seamless precision tubes in a variety of steel grades for automotive customers. Our annual capacity is 218,000 tons.

Our Drawn-Over-Mandrel (DOM) tubing or cold drawn tubing is available in one of the most extensive size ranges in the world. A specialized product, TuffDOM tubing, is designed for the most demanding applications. Our years of experience in the manufacture of DOM tubing has allowed us to reduce the guaranteed machining, honing and centerless grinding allowances for this product as much as 50% from normal industry standards, and to guarantee OD and ID tolerances that are tighter than commercial standards.

Shelby furnishes seamless tubing both in cold-drawn and hot-finished conditions. The product is available in a wide spectrum of carbon and alloy grades manufactured to ASTM, AMS, MIL, SAE, AISI and EN specifications.

We offer quench and temper heat treatment for specialized mechanical tubing products.
## Automotive Fact sheet

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard</th>
<th>Size</th>
<th>Grades/Quality</th>
<th>Special coatings and protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Czech Republic Karviná</td>
<td>Welded cold drawn tubes for precision applications</td>
<td>EN 10305-2</td>
<td>D = 10.0mm - 120.0mm, Wall thickness = 1.0mm - 5.0mm</td>
<td>E155, E195, E235, E275, E355 (other grades by customer specification)</td>
</tr>
<tr>
<td></td>
<td>Welded cold sized tubes for precision applications</td>
<td>EN 10305-3</td>
<td>D = 8.0mm - 70.0mm, Wall thickness = 0.5mm - 3.2mm</td>
<td>E155, E195, E235, E275, E355, E190, E220, E260, E320, E370, E420 (other grades by customer specification)</td>
</tr>
<tr>
<td></td>
<td>Welded and cold sized square and rectangular tubes for precision applications</td>
<td>EN 10305-5</td>
<td>B = max. 60.0mm, H = max. 70.0mm, Wall thickness = 0.5mm - 3.2mm</td>
<td>E155, E195, E235, E275, E355, E190, E220, E260, E320, E370, E420 (other grades by customer specification)</td>
</tr>
<tr>
<td>France Chevillon</td>
<td>Welded cold sized tubes</td>
<td>EN 10305-3, EN 10305-5, ASTM 513, JIS</td>
<td>8.0mm - 50.0mm, Wall thickness = 0.6mm - 3.0mm</td>
<td>Customer specific</td>
</tr>
<tr>
<td>France Hautmont</td>
<td>Welded cold sized tubes</td>
<td>EN 10305-3, EN 10305-5, ASTM 513, JIS</td>
<td>20.0mm - 135.0mm, Wall thickness = 0.8mm - 6.0mm</td>
<td>Customer specific</td>
</tr>
<tr>
<td>France Vitry le François</td>
<td>Cold formed tubular components for chassis and crash applications</td>
<td>According to customer specification</td>
<td>Current production: tubular components from 20.0mm to 130.0mm, Current production: tubular components from 1.2mm to 7mm</td>
<td>From low carbon to high yield strength</td>
</tr>
<tr>
<td>South Africa Vereeniging</td>
<td>Cold drawn seamless tubes</td>
<td>ASTM A519, EN 10305-1, ASTM 179, ASTM 92, ASTM 210, DIN 2391, DIN 1629, DIN 6323</td>
<td>1010, 1012, 1018, 1518, 1541, 215, 2235, 355</td>
<td>Grade A-1, Grade C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>20 - 140 mm, 2.0 - 18 mm</td>
<td>Pt 2 St 52, St 52, Pt3, Pt4, Grade 3, Grade 4</td>
</tr>
<tr>
<td>Canada Brampton</td>
<td>Welded cold sized tubes</td>
<td>ASTM 513</td>
<td>0.472&quot; - 3.0&quot;, Wall thickness = 0.022&quot; - 0.125&quot;</td>
<td>Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td>Canada Hamilton</td>
<td>Welded cold sized tubes</td>
<td>ASTM 513</td>
<td>2.0&quot; - 6.5&quot;, Wall thickness = 0.039&quot; - 0.2&quot;</td>
<td>Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td>Canada London</td>
<td>Cold formed tubular components (axle assemblies and structural crossmembers)</td>
<td>According to customer specification</td>
<td>According to customer specification</td>
<td>From low carbon to high yield strength</td>
</tr>
<tr>
<td>Canada Woodstock</td>
<td>Welded cold sized tubes</td>
<td>ASTM 513</td>
<td>0.75&quot; - 7.5&quot;, Wall thickness = 0.032&quot; - 0.46&quot;</td>
<td>Customer specific</td>
</tr>
<tr>
<td></td>
<td>Cold drawn welded tubes</td>
<td>ASTM 513</td>
<td>0.504&quot; - 5.56&quot;, Wall thickness = 0.065&quot; - 0.26&quot;</td>
<td>Customer specific</td>
</tr>
<tr>
<td></td>
<td>Type</td>
<td>Standard</td>
<td>Size</td>
<td>Grades/Quality</td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------------</td>
<td>----------------</td>
<td>---------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td><strong>Mexico</strong></td>
<td>Welded cold sized tubes</td>
<td>ASTM 513</td>
<td>0.5” – 6.625”</td>
<td>Carbon base grades 1006-1050, HSLA, AHSS</td>
</tr>
<tr>
<td>Monterrey</td>
<td></td>
<td></td>
<td>0.03” – 0.189”</td>
<td></td>
</tr>
<tr>
<td><strong>USA</strong></td>
<td>Welded cold sized tubes</td>
<td>ASTM A513, SA178/214</td>
<td>1.0” – 6.0”</td>
<td>1006 to 1035, 10821, 15921, 90X, 65X and ST52.3 or E355</td>
</tr>
<tr>
<td>Marion</td>
<td></td>
<td></td>
<td>0.065” – 0.313”</td>
<td></td>
</tr>
<tr>
<td><strong>USA</strong></td>
<td>Welded cold sized tubes</td>
<td>ASTM A513</td>
<td>1.25” – 12.5”</td>
<td>Carbon base grades 1008 – 1050</td>
</tr>
<tr>
<td>Shelby</td>
<td></td>
<td></td>
<td>0.081” – 0.685”</td>
<td>4118/4130/8620</td>
</tr>
<tr>
<td></td>
<td>Cold drawn welded tubes</td>
<td>ASTM A513</td>
<td>0.813” – 12.0”</td>
<td>Carbon base grades 1008 – 1050</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.065” – 0.685”</td>
<td>Alloy grades</td>
</tr>
<tr>
<td></td>
<td>Hot finish seamless tubes</td>
<td>ASTM A519</td>
<td>2.188” – 6.75”</td>
<td>Carbon base grades 1008 – 1050</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.25” – 1.75”</td>
<td>Alloy full range of 41xx/43xx &amp; 86xx series</td>
</tr>
<tr>
<td></td>
<td>Cold drawn seamless tubes</td>
<td>ASTM A519</td>
<td>1.375” – 7.75”</td>
<td>Carbon base grades 1008 – 1050</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.171” – 1.687”</td>
<td>Alloy full range of 41xx/43xx &amp; 86xx series</td>
</tr>
</tbody>
</table>
“Entrepreneurship is a state of mind”

Lakshmi N. Mittal
President and CEO