XISC, an excellent supplier of steel products, is located in Xiangtan city where chairman Mao was born.
成为世界一流的宽厚板和线棒材生产企业
Striving to be a world-class wide-thick plate wire and rod manufacturer

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Company Profile

Hunan Valin Xiangtan Iron and Steel Co., Ltd (referred to as XISC), owning registered capital 2.5 billion RMB, locates in the centre of Hunan province. Founded in 1958, XISC is domestic large-scale integrated iron and steel enterprise and important manufacturer of middle heavy plates, wire rods, bars and metal products, with an annual comprehensive capacity of 10 million tons of steels.

With good geographical location, XISC is connected with Beijing-Guangzhou, Zhejiang-Jiangxi, Hunan-Guilin railways. Surrounded by Xiangjiang River, it possesses convenient water transportation. And it is also next to the 107 and 320 national highways roads, which makes convenient land and water transportation in transiting energy, material and products.

With the international advanced equipments of iron making, steel making, rolling and a set of scientific manufacturing process, XISC is a large domestic manufacturer with more than 400 kinds of products including heavy and thick plates, wires, rods and metal products. Now XISC can provide middle heavy steel plates (for hulls and offshore platform, pipelines, pressure vessels, building structures and bridges, engineering machinery), wires and rods (such as cold heading steel, high carbon steel, welding steel, low carbon steel and spring steel) and bars and rods (such as carbon structural steel, alloy structural steel, gear steel and bearing steel). These products are not only sold to domestic market but also exported to Korea, Japan, Southeast of Asia, America, Europe and Middle East.

Insisting the strategy of “professional and perfect” and carrying out the market concept of “build the brand with integrity and create the value for customers”, XISC operates perfect production system, research, sales and service system. Sticking to advanced technology, progressive administration, high-quality products and specialized services, XISC strives to become the leading service provider of integrated iron and steel enterprises.

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XISC has three high speed wire rod production lines. They are named No. 1, No. 2 and No. 3 production line. And the annual capacity is about 2,400,000 tons.

No. 1 production line is for single rolling. It adopts international advanced equipment and technology, such as: high-speed no-twist rolling technology and Stelmor cooling by American Morgan Construction Company. Main products: medium and high carbon steel, cold heading steel, spring steel, wires for welding and etc. The dimension is from 5.5 to 20 mm. And the annual capacity is about 700,000 tons.

No. 2 production line is double rolling. The adopted rolling and cooling technology are designed according to the rolling mill of Morgan five. Main products: steel for welding, low carbon steel, free cutting steel, plain bar, ribbed bar and etc. The dimension is from 5.5 to 14 mm. And the annual capacity is about 1,100,000 tons.

No. 3 is composite production line. And it introduces the coiling equipment from Italy DANIELI, rolling mill from Germany KOCKS, high speed wire equipment from Germany SMS, packer from Sweden SONDERS and also other key equipment. Main products: cold heading steel, free cutting steel, spring steel, alloy constructional steel, bearing steel, and etc. The dimension is from 5.5 to 52 mm. And the annual capacity is about 600,000 tons.
工艺流程
Process Flowsheet

线材区工艺路线
Process Flowsheet of Rolling

HUNAN VALIN XIANGTAN IRON AND STEEL CO., LTD
05/06
Quality Assessment
# 产品大纲

## Product Mix

<table>
<thead>
<tr>
<th>序号 Number</th>
<th>品类 Category</th>
<th>代号 Grade</th>
<th>规格(mm) Specification</th>
<th>执行标准 Standard</th>
<th>应用领域 Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>中高碳钢 Middle and high carbon steels</td>
<td>45-80</td>
<td>Φ5.5-10.13</td>
<td>GB/T 699-1999 GB/T 4354-2008</td>
<td>钢丝、钢缆等 Steel wire, steel cable, etc</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(X)SWRH42A/B-(X)SWRH82A/B</td>
<td>Φ5.5-10.14</td>
<td>Q/OHAB11-2014或JISG 3506-2004</td>
<td>疏散梯钢丝、提升钢缆等 Steel wire for emergency, steel cable for mine and for port operation, prestressed steel strand, etc</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SAE1045-SAE1080</td>
<td>Φ5.5-10.14</td>
<td>Q/OHAB11-2014或JISG 3506-2004</td>
<td>疏散梯钢丝、提升钢缆等 Steel wire, steel cable, prestressed steel strand, etc</td>
</tr>
<tr>
<td>2</td>
<td>焊接用钢 Steels for welding</td>
<td>H08A, (X)SWRY11</td>
<td>Φ5.5, Φ6.5</td>
<td>ASTM A510/A510M-2008</td>
<td>焊接焊条 Welding electrode</td>
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<tr>
<td></td>
<td></td>
<td>H08MnA, H10Mn2</td>
<td>Φ5.5, Φ6.5</td>
<td>Q/OHAB110-2014</td>
<td>潜水水下焊接用钢 Submerged electrode wire</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(X)ER70S-6E</td>
<td>Φ5.5, Φ6.5</td>
<td>Q/OHAB110-2014</td>
<td>潜水水下焊接用钢 Submerged electrode wire</td>
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<td>XER58-1, XER62-1</td>
<td>Φ5.5, Φ6.5</td>
<td>Q/OHAB110-2014</td>
<td>潜水水下焊接用钢 Submerged electrode wire</td>
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<td></td>
<td></td>
<td>TH500-NQ, TH500-NQ I</td>
<td>Φ5.5, Φ6.5</td>
<td>Q/OHAB110-2014</td>
<td>潜水水下焊接用钢 Submerged electrode wire</td>
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<td>GXH68C, GXH88D</td>
<td>Φ5.5, Φ6.5</td>
<td>Q/OHAB110-2014</td>
<td>潜水水下焊接用钢 Submerged electrode wire</td>
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<td></td>
<td>(X)SWRH100K-(X)SWRH45K</td>
<td>Φ5.5-0.46</td>
<td>Q/OHAB113-2014或JIS G3507-1-2010</td>
<td>管道用钢 Pipe steel, etc</td>
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<tr>
<td></td>
<td></td>
<td>(X)SWRH60A-(X)SWRH222A(X)SWRH35A</td>
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<td>管道用钢 Pipe steel, etc</td>
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<td>ML10C, ML20C, ML30C, ML40C, ML50C, ML60C, ML70C, ML80C</td>
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<td></td>
<td>XML35AC, XM40ACr</td>
<td>Φ5.5-0.30</td>
<td>Q/OHAB113-2014或JIS G3507-1-2010</td>
<td>管道用钢 Pipe steel, etc</td>
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<td></td>
<td>SAE1080A - SAE10834A</td>
<td>Φ5.5-0.46</td>
<td>Q/OHAB113-2014或JIS G3507-1-2010</td>
<td>管道用钢 Pipe steel, etc</td>
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<tr>
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<td>SCM420, SCM435, SCM440</td>
<td>Φ5.5-0.46</td>
<td>Q/OHAB113-2014或JIS G3507-1-2010</td>
<td>管道用钢 Pipe steel, etc</td>
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<tr>
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<td></td>
<td>X8NH, X08NiCr</td>
<td>Φ5.5-0.38</td>
<td>Q/OHAB113-2014或JIS G3507-1-2010</td>
<td>管道用钢 Pipe steel, etc</td>
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<tr>
<td>4</td>
<td>低碳钢 Low carbon steels</td>
<td>Q195b, B1</td>
<td>Φ5.5-0.14</td>
<td>Q/OHAB106-2014</td>
<td>低碳钢 Low carbon steels</td>
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<tr>
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<td></td>
<td>SAE1006-SAE1030</td>
<td>Φ5.5-0.46</td>
<td>Q/OHAB106-2014</td>
<td>低碳钢 Low carbon steels</td>
</tr>
<tr>
<td>5</td>
<td>轧制用钢 Steel for forge</td>
<td>XTQ72A, XTQ82A</td>
<td>Φ5.5</td>
<td>ASTM A29/A29M-2005</td>
<td>冷弯用钢 Cold bending steel</td>
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<tr>
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<td></td>
<td>XLX72A, XLX77A, XLX82A</td>
<td>Φ5.5-0.46</td>
<td>ASTM A29/A29M-2005</td>
<td>冷弯用钢 Cold bending steel</td>
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<td>6</td>
<td>冷弯用钢 Cold bending steels</td>
<td>XY121S</td>
<td>Φ5.5-0.46</td>
<td>Q/OHAB119-2012</td>
<td>冷弯用钢 Cold bending steel</td>
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<td>SAE1215Cr</td>
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<td>Q/OHAB120-2014</td>
<td>冷弯用钢 Cold bending steel</td>
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<td>7</td>
<td>弹簧钢 Spring steels</td>
<td>X6052MnA</td>
<td>Φ5.5-0.20</td>
<td>Q/OHAB115-2014</td>
<td>弹簧用钢 Spring steel</td>
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<td>X55SiCr</td>
<td>Φ5.5-0.20</td>
<td>Q/OHAB115-2014</td>
<td>弹簧用钢 Spring steel</td>
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<tr>
<td>8</td>
<td>工具钢 Tool steels</td>
<td>40CrV, 50CrV</td>
<td>Φ5.5-0.34</td>
<td>Q/YB 1563-2006</td>
<td>弹簧用钢 Spring steel</td>
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<td>50BV10, 60G150</td>
<td>Φ5.5-0.34</td>
<td>Q/YB 1563-2006</td>
<td>弹簧用钢 Spring steel</td>
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<td>Gcr15</td>
<td>Φ5.5-0.16</td>
<td>Q/YB 1563-2006</td>
<td>弹簧用钢 Spring steel</td>
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<td>9</td>
<td>滚柱轴承 Bearing steels</td>
<td>XXW04B</td>
<td>Φ5.5, Φ6.5</td>
<td>Q/OHAB106-2014</td>
<td>滚柱轴承 Bearing</td>
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<tr>
<td>10</td>
<td>滚柱轴承 Bearing steels</td>
<td>S20C, S35C, S45C</td>
<td>Φ5.5-0.24</td>
<td>JIS G 4011-2005</td>
<td>滚柱轴承 Bearing</td>
</tr>
<tr>
<td>11</td>
<td>滚柱轴承 Bearing steels</td>
<td>S20C, S35C, S45C</td>
<td>Φ5.5-0.24</td>
<td>JIS G 4011-2005</td>
<td>滚柱轴承 Bearing</td>
</tr>
</tbody>
</table>
Demonstration For Application
Service Commitment

Consulting service:
XISC carries out the customer personnel responsibility system. For the new customer, we carry out the first asking responsibility system. With warm reception, questions and answers, and no interruption service are all we insisting.

Delivery cycle:
For building materials 10 days, wireness and bars of industrial material 30 days and for plates within 35 days (thermal treatment plates 45 days). (the delivery time is subjected to ex-factory date)

Technical support:
According to the different application, we introduce the proper products. Also we offer technical service, and we will research and develop the product together with our customers.

Online information services:
XISC provides Online Sales System, on which customers can check MTC, delivery time, delivery quantity, logistics tracking and payment reconciliation. Of all the information, MTC, delivery time and delivery quantity can be checked 24 hours after production.

WIRE ROD PRODUCT MANUAL

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### Financial settlement and reconciliation:

On 10th of each month, the financial department will send contract settlement invoice and freight invoice whose date is from 16th to 31st of last month together. And on 25th of each month, they will send the settlement invoice and freight invoice whose date is from 1st to 15th together. We offer the financial reconciliation for the whole year.

### Complaints handling:

Customer complaints will be accepted in 1 workday. For any questions of quality, XISC will send relevant person to the site, in 2 workdays for Hunan province and in 4 days for others provinces. And it will be handled in 7 workdays if the question is verified. For the questions need further analysis, it will be handled in 15 workdays. For any questions of measurement, the questions will be handled in 5 workdays. For customer complaints, in 3 workdays.