

## TURKISH STEEL INDUSTRY



Turkish steel production showed third yearly drop in 2015. On the other hand, global steel production fell for the first time in 2015 after the sharp drop during the global financial crisis in 2009. According to the World Steel Association's data, in 2015 world crude steel production fell 2.8 % from 1.67 billion tons to 1.62 billion tons. While production dropped in all the regions, among all the 15 steelmaking countries, only India's steel production grew. Aside from India, the other 14 steelmaking countries experienced decrease in production, however, Ukraine's production rates suffered the most declining by -15.6 %, USA followed with -10.5 %. After Ukraine and USA, with -7.4 % production drop rate Turkey was the third country to have largest decline in steel production. Because of the sharp fall in production, Turkey lost its position in the world's largest steelmaking countries list and dropped to 9th rank from 8th.

In the past years China and Asia were setting the upward production trend in the global scale, however, in 2015 they had the opposite effects on World steel production. In 2015 while total global steel production dropped by 48 million tons, crude steel production of China fell by 19 million tons Asia by 25.5 million tons. In

2015, China accounts for 49.5% of the world crude steel production.

According to Worldsteel data, global crude steel production capacity rose from 2.351 y-o-y to 2.384 billion tons in 2015. China's crude steel production capacity, whose growth pace slowed for the last 2 years, is estimated to have increased from 1.140 billion tons to 1.154 billion tons. According to worldsteel's estimations, world crude steel consumption fell from 1.66 billion tons to 1.64 billion tons. The data mentioned, show that in 2015, around 750 million tons of capacity was idle throughout the world. In 2007 the surplus steel capacity was 270 million tons, however, in 2015 surplus capacity almost tripled and substantially damaged balance of the world steel industry together with the negative effects of the slowdown in the world steel consumption growth. During the last 10 years, China increased its total crude steel capacity by 172 % and in this respect accounted for around 71 % of the 1 million tons growth in the world steel capacity. As a result of the sharp growth in capacity and slowdown in consumption, Chinese surplus capacity reached 450 million tons.



After the global financial crisis in 2007, the demand declined rapidly, as a result, capacity utilization ratios of the World steel sector, started to decline from 85 % and in 2009 it reached the lowest level with 68.9 %. In 2014, the capacity utilization ratio which was on the recovery track, increased by 73.4 %. In parallel to the production drop, capacity utilization of the world steel industry dropped from 73.4 % in 2014 to 69.7 % in 2015.

### Crude Steel Production

Turkey became the third country among the 15 largest steelmaking countries after China and India in terms of production growth rate between the periods of 2007-2012. In fact Turkey achieved the largest production growth in 2011 and 2012. After having become the fastest country to speed-up steel production in 2011-2012, Turkey's production rate dropped 3 consecutive years between 2013-2015. In 2015 Turkey's crude steel production fell by 7.4 % from 34.04 mt to 31.52 mt. In the last three years, total decline in Turkey's crude steel output reached 12.2 %. In 2015, while billet production fell by 5.6 % to 23.23 mt, slab production dropped by 12.1 % to 8.29 mt. Compared to the production level in 2012, the billet and slab production declined by 14.1 %, 6.2 % respectively.

In 2015, crude steel production of the electric-arc furnace mills that rely heavily on scrap for steel production, fell by 13.8 % as a result of the negative impact of balance between iron ore and scrap prices, while integrated mills' crude steel production, which rely on iron ore, grew by 7.3 %. In 2015, 65 % of total crude steel production was realized by electric arc furnace mills and 74% of total raw steel output consisted of billet.

### Capacity and Capacity Utilization Ratio

In 2015, Turkey's crude steel production capacity grew slightly by 0.5 % from 50.2 mt to 50.4 mt which shows that growth pace slowed substantially compared to recent years. Electric-arc furnace mills accounted for 77 % of the total capacity. Though there was a limited capacity growth, capacity utilization ratio continued its downward trend as the production declined sharply. According to World Steel Association's data, global capacity utilization of steel sector fell from 73.4 %, to 69.7 % in 2015. Turkish steel sector's capacity utilization ratio continued to drop further from 67.8 % to 62.5 %, which is 7 percentage points lower than the world average. In 2015, capacity utilization of Turkish steel industry in slab production declined from 55 % to 44 %. More than 50% of the slab capacity stayed idle because of increased input costs of electric-arc furnace mills, as well as sharp





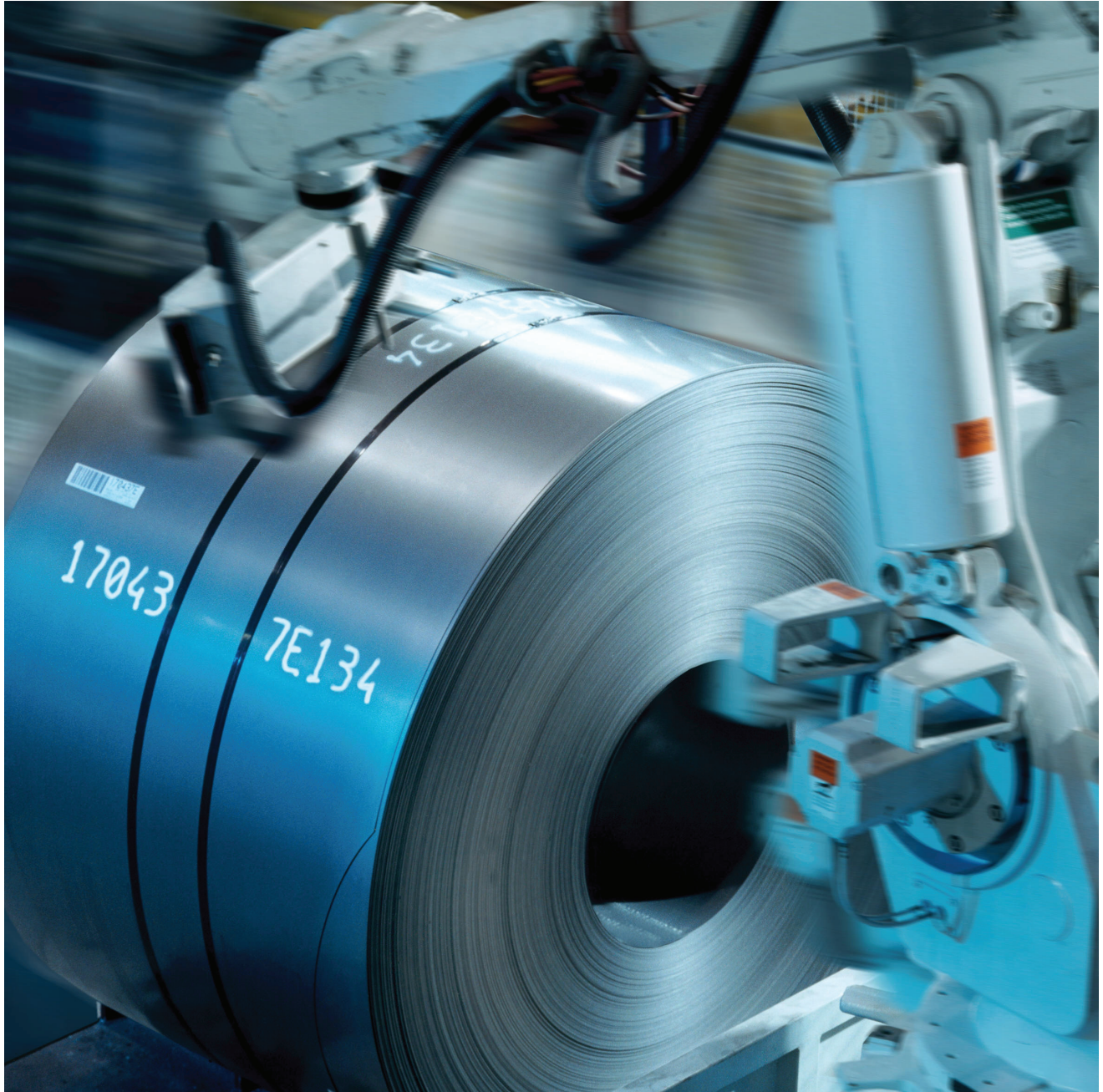
rise in the imports of subsidized, non-certified, low priced steel products imports. In 2015, the capacity utilization ratio of electric-arc furnace plants dropped from 61 % to 53 %, while the capacity utilization of integrated plants grew from 89 % to 94 % with the help of iron ore.

#### **Finished Steel Production and Consumption**

While crude steel production fell by 7.4 %, finished product output increased 2.3 % with the support of imported semi-finished steel products. Total finished steel output increased from 36.1 mt to 36.9 mt in 2015. While long products' production grew by 3.2 % to 26.55 mt, flat products' production increased slightly by 0.1 % to 10.39 mt. In 2015, 71.9 % of finished steel

output consisted of long products, while flat products accounted for 28.1 % of the total production.

Turkey's total finished steel consumption rose by 11.7 % and reached to 34.36 mt in 2015. Consumption of long products, which are mainly used by construction sector, rose by 10.8 to 17.9 mt, also consumption of flat products, which are mostly required for industrial sectors, increased by 12.7 % to 16.45 mt. In 2015, long products accounted for 52 % of Turkey's total steel consumption, while flat products accounted for 48 % of the total. In 2015, Turkey's production/consumption ratio of finished steel fell from 2009 ratio of 139 % to 107 %. At the same period, while that ratio in long products



declined from 241 % to 148 %, and the ratio in flat steel products dropped from 70 % to 63 % despite surplus capacity of around 10 million tons.

### Export

In 2015, Turkey's total iron & steel export, including pipes and the articles of iron & steel, dropped by 6.7 % from 17.97 mt to 16.76 mt; while the value of the total export declined by 22.6 % from 15.18 billion dollars to 11.75 billion dollars. Billet export, which had dropped in the recent years, continued its sharp fall in 2015 and declined by 46 % to 304.000 tons. Flat steel export rose slightly by 1.7 % to 2.54 mt. Long products, which is the largest export product group in Turkey, fell by 7.2 % and declined to 10.2 mt. In 2015 61 % of Turkey's total steel export, consisted of long products, 15 % of flat steel products, 10.8 % of pipes and 1.8 % of semi finished products.

In 2015, the sharpest drop was seen in the export tonnage to the Middle Eastern/Gulf region, which is Turkey's largest export market. Since Chinese, Russian and Ukrainian steelmakers and exporters became more active both in Turkish market and Turkey's export markets with lower and lower prices, Turkish steelmakers had difficulty in entering the main export markets where those competitors increased their existence. In 2015, total export of steel products to Middle Eastern and Gulf countries, fell by 13.4 % (810.000 tons) and declined to 5.25 mt. Export to CIS region, dropped by 29 % from 745.000 tons to 526.000 y-o-y in 2015. Export to the EU region, which is the second largest export destination of Turkish steel products increased by 4.3 % to 3.2 million tons; export to the USA rose by 5.7 to 2.36 mt, while export to North Africa grew by 22.2 % to 2.32 mt. In 2015, 31.3 % of Turkey's total steel Middle East and Gulf region accounted for 31.3 % of Turkey's total steel export, EU accounted for 19.2 %, the USA 14.1 % and North Africa 13.8 % of the total.

### Import

Turkey's steel import, continued its rapid growth trend in 2015. Total import in terms of tonnage rose by 38.1% to 19.6 mt; while the value of import increased by 2.6% to 12.32 billion dollars. As average steel prices dropped more than 50 % throughout the year, while imported tonnage increased by 38 %, the growth in the value of the import stayed lower. In addition to the narrowing margins between scrap/finished steel prices, increasing dumped sales of Chinese and Russian steelmakers in the world markets with the support of the state aid they receive, led to a huge collapse in the pricing system of the world steel markets. Lower margins between scrap and finished steel led Turkish steel producers shift to semi-finished steel import instead of using scrap for crude steel production. As a result, Turkey's semi-

finished steel product import grew by 65 % to 7.89 mt, reaching a record level. In 2015, around 19 mt of Turkey's crude steel production capacity stayed idle and around 7.9 mt semi-finished steel products were supplied through import. Same scenario also happened to flat steel products segment. As a result the growth in flat steel products import by 27.9 % to 8.61 mt, caused flat steel producers' average capacity utilization ratio to fall below 50 %. Lower priced, dumped and subsidized flat steel import kept local production under pressure. Despite Turkey's net exporter status in long products and high idle capacity, the import of long products also increased by 7.7 % to 1.56 mt.

Imports from CIS, which is the biggest steel supplier, rose sharply and imports from Far East/South East Asia increased considerably. In 2015, imports from CIS rose by 33 % to 7.14 mt, imports from EU increased by 5.3 % to 5.88 mt. With the contribution of Chinese 200 % export growth to Turkey, import from Far East and South East Asia grew by 128 % to 4.56 mt. Of this total 3 mt of the import was alone China origin. In 2015, 69 % of Turkey's total steel import was originated from the EU, Republic of China and Russian Federation.

### Steel Trade Balance

Steel export accounted for 8.2 % of Turkey's total export 2015. Turkey's steel products export/import ratio declined from 126 % to 95 % yoy. As a result, despite having more than 19 mt idle capacity, Turkey became a net steel importer for the first time in 15 years.

In 2015, Turkey made net steel export of around 2.3 mt in terms of tonnage, 0.56 billion dollars in terms of value. Turkey's biggest deficit was in steel trade with the CIS region which was 6.6mt. After CIS region, the largest foreign trade deficit was Far East and South East Asia with 4.3 mt and USA with 2.7 mt. In return, net steel export to Middle East and Gulf countries was 5.2 mt, to USA was 2.3 mt and to North Africa was 2.2 mt.

According to the World Steel Association (worldsteel) data, while Turkey became the world's largest 9th steel exporter, down from 8th position in 2015, Turkey's steel importer position strengthened and Turkey moved to the 5th position from 8th in the world's largest steel importers list. As net steel exporter position was lost in 2015, Turkey entered to the world's largest net steel importers list from the 15th position. Current situation and trends show us that, if required measures are not taken, it is highly probable that Turkey will be in top 10 net steel importers of the world at the end of 2016.

### Raw Materials

In 2015, total crude steel production fell by 7.4% and production in the electric arc furnace mills dropped by 13.8%. As a result of sharp production drop of the





EAF mills, total scrap consumption of steel sector fell by 14.6 % to 24.1 mt. While 16.25 million tons of scrap consumption was met through import down by 14.8 %, 7.8 million tons of scrap consumption was met from the domestic market which is down by 14.3 % yoy. In 2015, Turkey made 49 % of its scrap import from EU, 24 % from USA and 22 % from CIS. The three regions accounted for 95 % of Turkey's total scrap import. Since prices fell sharply in 2015, scrap import value fell by 40 %.

In addition to the 4.3 billion USD worth scrap import in 2015, Turkish steel industry also imported 10 million tons of iron ore down by 25% (0.8 billion USD), 1.17 million tons of pig iron (455 million USD), 400.000 tons of ferro alloys (581 million USD) and 5.4 million tons of coking coal ( 6.6 billion USD). Total value of steel industry's import rose from 9.98 billion USD in 2014 to 6.6 billion USD in 2015.

### Economy

Turkey continued growing at a solid pace at the end of 2015 on the back of strong private and public consumption. Low oil prices and a weaker lira also drove the improvement the economy. GDP expanded an astonishing 5.7 % annually in Q4, which marked the fastest growth since Q3 2011. While Turkish economy expanded by 4.0 % in 2015, growth in the industry and construction sectors were lower than the general economy, which grew by 3.3 % and 1.7 % respectively. On the other hand, mechanical machinery industry showed better performance than the GDP growth, up by 4.8 %. Production of the automotive industry skyrocketed by 16 % in 2015 reaching 1 million 359 thousand units.

PPI increased from 8.17 % to 8.81% and CPI dropped from 6.36 % to 5.71 %. Unemployment rate also dropped slightly to 10.3 % at the end of the year.

As total export of the Turkish economy decreased by 8.7 % to 144 billion USD and import decreased sharper by 14.4 % to 207 billion USD with the support of sharp fall in oil prices, Turkey's total foreign trade deficit decreased by 25 % from 84.6 billion USD in 2014 to 63.4 billion USD in 2015. Narrowing foreign trade deficit helped the balance of payments deficit drop sharply by 26 % from 43.6 billion USD to 32.1 billion USD. Capacity utilization rate of Turkish industry increased from 74.6 % to 75.8 % in 2015.

### Forecasts

Turkish steel industry started 2016 by struggling to survive under the problems accumulated since 2012. The fast recovery in steel prices during the first quarter of 2016, revived the expectations of the industry for the remaining part of the year. However, the realization of the positive expectations depend on eliminating surplus capacity and its negative effects in the world steel markets, preventing state aid to the steelmaking companies all over the world and dumped export sales to the world markets which pushes down the price levels. In order to get the desired results, Turkish economy administration need to take measures immediately against the dumped and low quality steel imports, as the other countries do like USA, EU, Canada, India. When external factors are not taken into consideration, it is clearly seen that Turkish domestic market is strong enough to support the growth of the Turkish steel industry.

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**KURULUŞ TARİHİ** : 1974**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 1979  
Haddehane-I : 1979 (Büyük kesit)  
Haddehane-II : 1980 (Orta kesit)

**PERSONEL SAYISI**

Çelikhane : 142  
Haddehane : 359  
Diğer : 404  
**Toplam : 905**  
MaviYakalı : 639  
BeyazYakalı : 266

**ÜRÜN ÇEŞİT ve STANDARTLARI**

Sementasyon çelikleri, ıslah çelikleri, yay çelikleri, otomat çelikleri (kurşunlu, kurşunsuz) alaşımli ve alaşımsız takım çelikleri, yüzeyi sertleştirilebilen çelikler, borlu çelikler, paslanmaz çelikler ferritik, martensitik), mikro alaşımli çelikler, rulman çelikleri, talaşlı işlenebilirliğe uygun tüm vasıflı çelikler (Ca veya Pb katkı)

Kesitler: Y 19-220 mm. K 50-245 mm. Altıköşe 18-67 mm. Lama 50x6 mm.-120x60 mm, Platina

TSE, DIN, SAE, AISI, AFNOR, BS, UNI, GOST, JIS vs.

**ÜRETİM TEKNOLOJİSİ**

60 MW gücünde 70 tonluk 1 adet EAO olmak üzere, toplam 2 adet, 11 MW gücünde pota ocağı, 2 adet vakumda gaz giderme, ingot döküm, sürekli döküm (blum, kütük), büyük kesit ve orta kesit haddehaneleri, büyük kesit ve orta kesit tamamlama hatları, ısı işlem ve ıslah fırınları, kimya, mekanik testler ve metalografi laboratuvarları.

**ESTABLISHMENT** : 1974**DATE of START – UP**

Steel Plant : 1979  
Rolling Mill-I : 1979 (Large Section)  
Rolling Mill-II : 1980 (Medium Section)

**NUMBER of EMPLOYEES**

SteelPlant : 142  
RollingMill : 359  
Others : 404  
**Total : 905**  
BlueCollars : 639  
WhiteCollars : 266

**PRODUCT RANGE and STANDARTS**


Quenched and tempered steels, case hardening, free cutting steels, wear resisting steels, boron steels, stainless steels (ferritic, martensitic), micro alloyed steels, alloyed or non-alloyed tool steels, quality steels suitable for machining ( Ca or Pb added)

Cross sections: 19-20 mm rnd, 50-245 mm sq, 18-67 mm hex., 50x6 mm-120x60 mm flats, Platina

TSE, DIN, SAE, AISI, AFNOR, BS, UNI, GOST, JIS etc.

**PROCESS TECHNOLOGY**

70 tons of capacity with 60 MW powered EAF, 11 MW powered 2 ladle furnace, 2 vacuum degassing, ingot casting, CCM (bloom, billet), large and medium sections mills, large and medium sections conditioning lines, heat treatment and quenching-tempering furnaces, chemical, mechanical testing and metalography laboratories

<b>BİLECİK DEMİR ÇELİK A.Ş.</b>	
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<b>KURULUŞ TARİHİ</b> : 2008  <b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 2009  <b>PERSONEL SAYISI</b> Çelikhane : 243 <b>Toplam</b> : <b>243</b> MaviYakalı : 212 BeyazYakalı : 31  <b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> TS 9914 e uygun çelik kütük  <b>ÜRETİM TEKNOLOJİSİ</b> 3X 30 Ton İndüksiyon Ocağı+ Pota Ocağı + 3 Yollu SDM	<b>ESTABLISHMENT</b> : 2008  <b>DATE of START – UP</b> Steel Making Plant :2009  <b>NUMBER of EMPLOYEES</b> Steel Plant : 243 <b>Total</b> : <b>243</b> BlueCollars : 212 WhiteCollars : 31  <b>PRODUCT RANGE and STANDARTS</b> Steel billets in accordance with TS 9914  <b>PROCESS TECHNOLOGY</b> 3 sets of 30 tons capacity of Induction Furnace, Ladle Furnace, three-strand Continuous Casting Machine (CCM).

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**KURULUŞ TARİHİ** : 1981**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 1989  
Haddehane : 1994 (Büyük Kesit)

**PERSONEL SAYISI**

Çelikhane : 160  
Haddehane : 114  
Diğer : 36  
Merkez : 30  
**Toplam : 340**  
MaviYakalı : 202  
BeyazYakalı : 138

**ÜRÜN ÇEŞİT ve STANDARTLARI**

Kütük demir : 100, 120, 130 ve 150 mm,  
Nervürlü inşaat demiri : 8-40 mm çaplarda,  
ASTM A615, DIN, JIS, AFNOR, BS, TSE, FEB,  
UNI, BSI, IS, ELOT, SAE ve diğer standartlar.

**ÜRETİM TEKNOLOJİSİ**

EAO (75 ton), Pota Ocağı (75 ton), Sürekli  
Döküm, Sıcak Çekme ile Sürekli Haddeleme.

**ESTABLISHMENT** : 1981**DATE of START - UP**

Steel Plant : 1989  
Rolling Mill : 1994 (Heavy Section)

**NUMBER of EMPLOYEES**

Steel Plant : 160  
RollingMill : 114  
Others : 36  
HeadOffice : 30  
**Total : 340**  
BlueCollars : 202  
WhiteCollars : 138

**PRODUCT RANGE and STANDARTS**

Steel billets : 100, 120, 130 and 150 mm,  
Rolled debar : 8-40 mm diameter,  
ASTM A615, DIN, JIS, AFNOR, BS, TSE, FEB, UNI,  
BSI, IS, ELOT, SAE and other standarts.

**PROCESS TECHNOLOGY**

EAF (75 tons), Ladle Furnace (75 tons),  
Continuous Casting, Hot Continuous Rolling.



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**KURULUŞ TARİHİ** : 1970

**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 1972  
Haddehane : 1977

**PERSONEL SAYISI**

Çelikhane : 68  
Haddehane : 83  
Diğer : 256  
**Toplam : 407**  
MaviYakalı : 306  
BeyazYakalı : 101

**ÜRÜN ÇEŞİT ve STANDARTLARI**

Yuvarlak (EN 10060),  
Yaylık Lama (EN 10092-1 PROFİL A-B-C),  
Kabuk Soyulmuş ve Soğuk Çekilmiş (EN 10278).

**ÜRETİM TEKNOLOJİSİ**

ÇELİKHANE : EAO (30 ton, Altan Döküm Alma);  
PO (30 ton); VG (Vakumla Gaz Alma);  
SDM (2 yollu Sürekli-Kapalı Döküm Makinası).  
HADDEHANE: Doğrultma, iç yüzey hata kontrolü  
cihazları,  
Kabuk soyma ve hassas doğrultma.  
Otomotiv denge çubuğu üretimi

**ESTABLISHMENT** : 1970

**DATE of START - UP**

Steel Plant : 1972  
Rolling Mill : 1977

**NUMBER of EMPLOYEES**

Steel Plant : 68  
RollingMill : 83  
Others : 256  
**Total : 407**  
BlueCollars : 306  
WhiteCollars : 101

**PRODUCT RANGE and STANDARTS**

Round bars (EN 10060),  
Spring flat bars (EN 10092-1 PROFİL A-B-C),  
Peeled and Cold Rolled (EN 10278).

**PROCESS TECHNOLOGY**

STEEL MAKING : EAF (30 tons, Eccentric Bottom  
Tapping); LF (30 tons); VD (Vacuum Degassing);  
CCM (2 strands Closed Continuous Casting  
Machine).  
ROLLING MILL: Shot blasting, straightening,  
ultrasonic and circoflux testing units, peeling and  
precise straightening. Stabilizer bar for automotive  
industry.

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pazarlama@colakoglu.com.tr**KURULUŞ TARİHİ** : 1968**İŞLETMEYE GEÇİŞ TARİHİ**Çelikhane : 1969 - 2009  
Haddehane - Filmaşın : 1985  
Haddehane - Çubuk : 1990  
Haddehane - Sıcak Sac : 2010**PERSONEL SAYISI**Çelikhane : 254  
Haddehane : 292  
Diğer : 675  
**Toplam : 1221**  
Mavi Yakalı : 829  
Beyaz Yakalı : 392**ÜRÜN ÇEŞİT ve STANDARTLARI**CE Belgesi, ISO 9001 Kalite Sistem Belgesi, Cares ISO 9001 Sürdürülebilirlik Belgesi, ISO 14001, Cares OHSAS 18001, ISO 27001, Kiwa, Certif, Icecon, Icontec, Aviz, Falcoa Bauer, Inteco, CARES 9001 Kalite Sistem ve Çubuk Ürünleri Belgesi, TSE 708 Yeterlilik Belgesi .  
TSE, UNI, DIN, BS, ASTM, JIS, NEN, AFNOR, CSA G30. 18 Standartlarına uygun olarak beton çelik çubuk üretimi (8-50 mm arası), Düşük ve orta karbonlu çelik kütükler (130x130 mm ve 150x150 mm), DIN 10025, DIN 10083, DIN 10338, DIN 1614, DIN 10111, DIN 10020, DIN 10028, DIN EN 10149, DIN EN 10217, ASTM A36, ASTM A53, ASTM A283, ASTM A500, ASTM A572, ASTM 1011, ASTM A 1018, JIS G 3101, JIS G 3131, JIS G 3132, SAE J403 ve API 5L Standartlarına uygun olarak üretilen bobinler, paket saclar (1.25-25.4 mm).**ÜRETİM TEKNOLOJİSİ**

340 ton/saat sıvı çelik kapasiteli 250 MW gücünde, 1 adet EAO; 2 adet 48 MW gücünde 300 ton kapasiteli Pota Ocağı; 300 ton kapasiteli ikiz tanklı vakum giderici; Enjeksiyon Sistemi; 1 adet 9 m çaplı, 8 yollu, 6-16 m kesme aralıklı Sürekli Kütük Döküm Makinası (130x130 - 200x200); 9 m çaplı, 2 yollu 6-16 m kesme aralıklı Slab Döküm Makinası (150-270 mm kalınlık, 800-1.650 mm genişlik). Yürüyen Tabanlı Tav Fırını; Slit teknolojisi; Yatay ve Dikey Haddeleme Standı; Joker Standı; Thermex Sistemi; Otomatik Bağlama; Haddehanenin Bilgisayar Kontrollü İşletilmesi.


**ESTABLISHMENT** : 1968**DATE of START - UP**Steel Plant : 1969-2009  
Rolling Mill- Wire Rod : 1985  
Rolling Mill - Rebar : 1990  
Rolling Mill - HRC : 2010**NUMBER of EMPLOYEES**Steel Plant : 254  
Rolling Mill : 292  
Others : 675  
**Total : 1221**  
Blue Collars : 829  
White Collars : 392**PRODUCT RANGE and STANDARTS**

CE Certificate, ISO 9001 Quality System Certificate, Cares OHSAS 18001 Sustainable Steel, ISO 14001, ISO 270001, Kiwa, Certif, Icecon, Icontec, Aviz, Falcoa Bauer, Inteco CARES 9001 Quality System and Rod Products Certificate, TSE 708, Proficiency Certificate. Production of rebar according to TSE, UNI, DIN, BS, ASTM, JIS, NEN, AFNOR, CSA G30. 18 Standarts (between 8-50 mm). Low and medium carbon steel billets (130x130 and 150x150 mm). Production of Coils and Packet Sheets (1.25-2.54 mm) according to DIN 10025, DIN 10083, DIN 10338, DIN 1614, DIN 10111, DIN 10020, DIN 10028, DIN EN 10149, DIN EN 10217, ASTM A36, ASTM A53, ASTM A283, ASTM A500, ASTM A572, ASTM 1011, ASTM A 1018, JIS G 3101, JIS G 3131, JIS G 3132 SAE J403 ve API 5L Standarts.

**PROCESS TECHNOLOGY**

340 tons/h capacity 250 MW powered one EAF; 2 Ladle Furnace each 48 MW powered with 300 tons capacity; 300 tons capacity vacuum degassing; Injection System; One 9 m diameter, 8 ways 6-16 m cut Continuous Casting Machine (130x130 - 200x200); 9 m diameter, 2 ways 6-16 m cut Continuous Slab Casting Machine (150-270 mm thickness, 800-1.650 mm width). Walking Beam Reheating Furnace; Slit Technology; Non-vertical Rotating Continuous Rolling aided by Vertical and Horizontal Workbenches; Joker Workbench; Thermex System; Automatic Packing; Computer Controlled Rolling



<b>DİLER DEMİR ÇELİK ENDÜSTRİSİ ve TİCARET A.Ş.</b>		
 <b>DİLER DEMİR ÇELİK</b>	<b>Merkez</b> <i>(Head Office)</i>	Tersane Cad. No:96 Diler Han 34420 Karaköy - İSTANBUL Tel : +90 (212) 253 66 30 (16 hat/ lines) Faks : +90 (212) 250 83 32 Telex : 24181 digi tr
	<b>Fabrika</b> <i>(Plant)</i>	Dilovası Mevkii Gebze - KOCAELİ Tel : +90 (262) 754 52 17 Faks : +90 (262) 641 26 72 www.dilerhld.com dilerfab@dilerhld.com
<b>KURULUŞ TARİHİ</b> : 1954  <b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 1984 Haddehane-Çubuk : 1954 Haddehane-Filmaşın: 2008  <b>PERSONEL SAYISI</b> Çelikhane : 165 Haddehane-Çubuk : 138 Haddehane-Filmaşın: 167 Diğer : 272 <b>Toplam</b> : <b>742</b> Mavi Yakalı : 515 Beyaz Yakalı : 227  <b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> 100x100 mm'den 180x180 mm'ye kadar çelik kütükler, 8 mm'den 40 mm'ye kadar düz ve nervürlü inşaat çelikleri. ISO 9002 Kalite Güvence Sistemine uygun olarak TS, DIN, ASTM, JIS, AFNOR, BS ve diğer dünya standartlarında üretim.  <b>ÜRETİM TEKNOLOJİSİ</b> 1 adet 100 MVA Fuchs hurda ön ısıtmalı EAO, 20 MW Pota Ocağı, 6 yollu Sürekli Döküm Makinası.	<b>ESTABLISHMENT</b> : 1954  <b>DATE of START - UP</b> Steel Plant : 1984 Rolling Mill-Rebar : 1954 Rolling Mill-Wire Rod: 2008  <b>NUMBER of EMPLOYEES</b> Steel Plant : 165 Rolling Mill-Rebar : 138 Rolling Mill-Wire Rod : 167 Others : 272 <b>Total</b> : <b>742</b> Blue Collars : 515 White Collars : 227  <b>PRODUCT RANGE and STANDARTS</b> Steel billets ranging from 100x100 mm to 180x180 mm, round and deformed bars ranging from 8 mm to 40 mm. Production in TS, DIN, ASTM, JIS, AFNOR, BS and other world standarts in accordance with ISO 9002 Quality Assurance System.  <b>PROCESS TECHNOLOGY</b> One 100 MVA Fuchs Finger Shaft EAF, 20 MW Ladle Furnace, six-strand Continuous Casting Machine.	

**EGEDEMİR DEMİR GERİ KAZANIM MADEN TAAH. PAZ. SAN. TİC. LTD. ŞTİ.****Merkez**  
(Head Office)Barbaros Hayrettin Paşa Mahallesi Aliğa Caddesi  
No:121 Aliğa / İZMİR**Fabrika**  
(Plant)ALOSBİ, Kemal Nehrozoğlu Cad. No: 20,  
Aliğa / İZMİR  
Tel : 0 (232) 624 45 80  
Faks : 0 (232) 624 45 79  
www.egedemir.com.tr**KURULUŞ TARİHİ: 2006****İŞLETMEYE GEÇİŞ TARİHİ**


Çelikhane : 25.03.2014

**PERSONEL SAYISI**Çelikhane : 125  
Diğer : 13  
**Toplam : 138**  
Mavi Yakalı : 125  
Beyaz Yakalı : 13**ÜRÜN ÇEŞİT ve STANDARTLARI**TS 9016 ve TS 9914'e uygun 100'den 140'a dek  
kare kesitli kütük  
S275, S355, Gr60**ÜRETİM TEKNOLOJİSİ**İndüksiyonla sıvı çelik üretimi, pota ocağı, sürekli  
döküm.**ESTABLISHMENT: 2006****DATE of START – UP**

Steel Plant : 25.03.2014

**NUMBER of EMPLOYEES**Steel Plant : 125  
**Others : 13**  
**Total : 138**  
Blue Collars : 125  
White Collars : 13**PRODUCT RANGE and STANDARTS**The range of 100-140 mm square steel billets in  
accordance with TS 9016 and TS 9914  
S275, S355, Gr60**PROCESS TECHNOLOGY**Induction Furnace, ladle furnace, continuous  
casting units.



<b>EGEMEN METALURJİ SANAYİ ve TİCARET A.Ş.</b>		
 <b>EGEMEN METALURJİ</b> SAN. VE TİC. A.Ş.	<b>Merkez</b> (Head Office)	Çay Mahallesi Atatürk Bulvarı No:27/4 İskenderun/HATAY Tel : +90 (326) 614 39 38 Faks : +90 (326) 614 39 37 info@egemenmetalurji.com
	<b>Fabrika</b> (Plant)	Payas Organize Sanayi Bölgesi Karşı Mahalle Şehit Mustafa Avcı Caddesi OSB No:47 Payas/HATAY
<b>KURULUŞ TARİHİ:</b> 2011 yılında kurulan Mega Çelik San A.Ş'nin unvanı, 2013 yılında Egemen Metalurji San. ve Tic. AŞ. olarak değiştirilmiştir.		<b>ESTABLISHMENT:</b> Title of Mega Steel, founded in 2011 has been changed as Egemen Metallurgy, founded in 2013
<b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 2011 Haddehane : 2011		<b>DATE of START – UP</b> Steel Plant : 2011 Rolling Mill : 2011
<b>PERSONEL SAYISI</b> Çelikhane : 198 Haddehane : 95 Diğer : 23 Merkez : 4 <b>Toplam : 320</b> Mavi yakalı : 293 Beyaz yakalı : 27		<b>NUMBER of EMPLOYEES</b> Steel Plant : 198 Rolling Mill : 95 Others : 23 Head Office : 4 <b>Total : 320</b> Blue Collars : 293 White Collars : 27
<b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> Kütük demir: S420-B420B-B420C 08-32 mm nervürlü demir.		<b>PRODUCT RANGE and STANDARTS</b> Steel Billets: S420-B420B-B420C 08-32 mm deformed bars.
<b>ÜRETİM TEKNOLOJİSİ</b> İndüksiyonla sıvı çelik üretimi, pota ocağı, sürekli döküm, sıcak çekme ile sürekli haddeleme		<b>PROCESS TECHNOLOGY</b> Induction Furnace, ladle furnace, continuous casting units, hot drawing continuous rolling mill

**HABAŞ SİNİ ve TIBBİ GAZLAR İSTİHSAL ENDÜSTRİSİ A.Ş.****Merkez**  
(Head Office)

Ankara Asfaltı Yanı, Soğanlık  
Fuat Paşa sok. No: 181570 Kartal/İSTANBUL  
Tel : +90 (216) 453 64 00 - 377 50 04  
Faks : +90 (216) 452 25 70 - 452 55 97  
Telex : 24024 SGAZ TR

**Fabrika**  
(Plant)

Yeni Foça Yolu Üzeri 2. Km Aliaga/İZMİR  
Tel : +90 (232) 625 11 80  
Faks : +90 (232) 625 11 84  
Telex : 51736 hgtz tr  
www.habas.com.tr  
steel@habas.com.tr

**KURULUŞ TARİHİ:** 1985**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 1987  
Haddehane : 1992

**PERSONEL SAYISI**

Çelikhane : 486  
Haddehane : 568  
Diğer : 237  
**Toplam : 1291**

**ÜRÜN ÇEŞİT ve STANDARTLARI**

Kütük: 130-200 mm kare kesitli, 6-12 mm boyunda, düşük ve yüksek karbonlu alaşımlı çelik kütük.

Slab: Düşük, orta, yüksek karbonlu veya düşük alaşımlı 200 mm. kalınlığında 700-2100 mm. arası genişlikte, 6-12 m uzunlukta yassı çelik üretiminde kullanılan yarı mamul.

İnşaat çelik çubukları: 8-50 mm düz ve nervürlü çubuklar; DIN 488, BS 4449, ASTM A615, JIS G3112 ve diğer dünya ülke standartları.

Filmaşın: Çapı 5.5-20 mm arası 1,5/1,8/2,0 tonluk kangal demir.

Sıcak sac: 1,2-25,4 mm kalınlığında, 700 mm-2100 mm genişliğinde

Dilinmiş rulo: 1,2-12,7 mm kalınlığında, 70 mm-2100 mm genişliğinde.

Şerit: 1,2-25,4 mm kalınlığında, 700 mm-2100 mm genişliğinde, 1000 mm-20,000 mm uzunluğunda

Levha: 1,2-16,0 mm kalınlığında, 700 mm-2100 mm genişliğinde.

**ÜRETİM TEKNOLOJİSİ**

3 adet EAO  
3 adet Pota Ocağı  
1 adet VOD  
2 adet 8 yollu Sürekli Döküm Makinası  
3 adet uzun ürün haddeleme ünitesi (nervürlü ve filmaşın)  
1 adet 2 yollu Slab Döküm Makinası  
Sıcak yassı çelik haddesi  
Bobinden boy kesme  
Bobinden dilimleme hattı  
Asitleme ve yağlama hattı

**ESTABLISHMENT:** 1985**DATE of START – UP**

Steel Plant : 1987  
Rolling Mill : 1992

**NUMBER of EMPLOYEES**

Steel Plant : 486  
Rolling Mill : 568  
Diğer : 237  
**Total : 1291**

**PRODUCT RANGE and STANDARTS**

*Billet: Low, medium and high carbon steel alloyed square billets with 130-200 mm and 6-12 m length.*

*Slab: Low, medium and high carbon, low alloy steel, semi product of HRC( 200 mm thickness, 700-2100 mm width, 6-12m length*

*Deformed bar: 8-50 m round and deformed bars; DIN 488, BS 4449, ASTM A615, JIS G3112 and all other countries' standards.*

*Wire rod: 5,5-20 mm 1,5/1,8/2,0 tons weighted coils.*

*HRC : thickness : 1,2-25,4 mm  
width : 700 mm-2100 mm*

*Slitted coil: thickness : 1,2-12,7 mm  
width : 70 mm-2100 mm*

*Strip : thickness : 1,2-25,4 mm  
width : 700 mm-2100 mm  
length : 1000 mm-20,000 mm*


*Levha : thickness :1,2-16,0 mm  
width :700 mm-2100 mm*

**PROCESS TECHNOLOGY**

3 EAF  
3 LF  
1 VOD  
2 CCM each with 8 strands  
3 rolling mill for long product (debar and wire rod)  
1 two strands slab casting machine  
HSM  
Cut to length line  
Slitting line  
PO



**İÇDAŞ ÇELİK ENERJİ TERSANE ve ULAŞIM SANAYİ A.Ş.**

 <b>İÇDAŞ</b> ÇELİK ENERJİ TERSANE VE ULAŞIM SANAYİ A.Ş.	<b>Merkez</b> <i>(Head Office)</i>	Güneşli Mah. Devekaldırımı Cad. No:21, 34212 Güneşli – Bağcılar-İSTANBUL Tel : +90 (212) 604 04 04 (pbx) Faks : +90 (212) 550 20 24 - 651 97 89
	<b>Fabrika</b> <i>(Plant)</i>	Değirmencik Köyü, Köyaltı Mevkii, 17200 Biga - ÇANAKKALE Tel : +90 (286) 395 10 10 (pbx) Faks : +90 (286) 364 58 76 Telex : 28735 icds tr www.icdas.com.tr icdas@icdas.com.tr
<b>KURULUŞ TARİHİ</b> : 1970  <b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 1970 Haddehane-I : 1989 Haddehane-II : 1994  <b>PERSONEL SAYISI</b> Çelikhane : 1229 Haddehane : 774 Diğer : 1726 <b>Toplam</b> : <b>3729</b> Mavi Yakalı : 3285 Beyaz Yakalı : 444  <b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> Vasıflı çelik ve betonarme çeliği (kütük, düz ve nervürlü çelik çubuk ve filmaşın), Geri dönüşüm ile kazanılan elektrik enerjisi, İnşaat sektörü için yapay agrega, beton güçlendirme katkı maddeleri, Demir ve Çimento sektörü için FeO, yapay gübre ve kozmetik sanayisine ZnO üretim ve satışı.  ISO 9001: 2008 Kalite Yönetim Sistemi, ISO 14001: 2004 Çevre Yönetim Sistemi, ISO18001: 2007 İş Sağlığı ve Güvenliği Yönetim Sistemi,ISO 50001 2011 Enerji Yönetim Sistemi, ISO 17025 Laboratuvar Kalite Yönetim Sistemi, ISO 14064-1:2006 Sera Gazı Emisyon Doğrulama Standardı,CARES BS 8902:2009 Sürdürülebilirlik Yönetim Sistemi ASTM A615/706/510M, BS 4449/97 & 2005, NFA 035-016, EN 10080, UNE, DIN, BS4449/CS2, AFNOR, UNI, NEN, LNEC E, ICECON, KS, AP DN, NBR ve Sismik Standartlar  <b>ÜRETİM TEKNOLOJİSİ</b> Elektrik Ark Ocakları, Pota Metalurjisi , Sürekli Döküm Makinaları ve Kontinu Haddehaneler, Enerji Geri Dönüşüm Tesisleri	<b>ESTABLISHMENT</b> : 1970  <b>DATE of START - UP</b> Steel Plant : 1970 Rolling Mill -I : 1989 Rolling Mill -II : 1994  <b>NUMBER of EMPLOYEES</b> Melt Shops : 1229 Rolling Mills : 774 Others : 1.726 <b>Total</b> : <b>3729</b> Blue Collars : 3285 White Collars : 444  <b>PRODUCT RANGE and STANDARTS</b> Production and sales of industrial steel, hot rolled steel bar for the reinforcement of concrete (manufacturing of billets, plain and deformed steel bar, debar in coil & wire rod), Power generation via waste recovery, Slag aggregates for of all civil engineering applications, Cement Additives for strengthening, FeO for Iron and Cement Industries, Zinc Oxide used in cosmetic products, pharmaceuticals, chemicals and fertilizer.  ISO 9001: 2008 Quality, ISO 14001: 2004 Environment ,ISO 18001: 2007 Occupational Health and Safety,ISO 50001 2011 Energy,ISO 17025 Laboratory Quality, ISO 14064-1 :2006 GHG Emissions Management Certified with product standards ASTM ASTM A615/706/510M, BS 4449/97 & 2005, NFA 035-016, EN 10080, UNE, DIN, BS4449/CS2, AFNOR, UNI, NEN, LNEC E, ICECON, KS, AP DN, NBR and Seismic standards (according to EN and National Norm).  <b>PROCESS TECHNOLOGY</b> Electric Arc Furnaces, Ladle Metallurgy, Continuous Casting Machines, Bar &Wire Rod Mills, Energy Recovery Systems	

**İZMİR DEMİR ÇELİK SANAYİ A.Ş. (İDÇ - İZDEMİR)**

**İZMİR DEMİR ÇELİK  
SANAYİ A.Ş.**

<b>Merkez</b> (Head Office)	Şair Eşref Bulvarı No:23 35210 İZMİR Tel : +90 (232) 441 50 50 Faks : +90 (232) 441 56 66
<b>İst. Büro</b> (İst. Office)	Büyükdere Cad. Akabe Tic. Mer. No:78-80 D:401 34387 Mecidiyeköy - İSTANBUL Tel : +90 (212) 347 29 00 Faks : +90 (212) 347 78 16 / 17
<b>Fabrika</b> (Plant)	Nemrut Cad. No: 2 Horozgediği Köyü 35807 Aliağa - İZMİR Tel : +90 (232) 625 12 00 Faks : +90 (232) 625 11 99 www.izdemir.com.tr info@izdemir.com.tr

**KURULUŞ TARİHİ** : 1975

**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 1987  
Haddehane (Nervürlü) : 1983  
Haddehane (Profil) : 201

**PERSONEL SAYISI**

Çelikhane : 147  
Haddehane : 347  
Diğer : 635  
**Toplam** : **1129**  
Mavi Yakalı : 757  
Beyaz Yakalı : 372

**ÜRÜN ÇEŞİT ve STANDARTLARI**

TSE (Türkiye), CARES (İngiltere), INSTITUT FUR BAUTECHNIK (Almanya), POLITECNICO DI TORINO (İtalya), BULGARKONTROLA SA (Bulgaristan), CSIC (İspanya), ICECON S.A. (Romanya), TÜV SÜD-PSB (Singapur), DCL (Dubai) ve INTN (Paraguay), OJSC RCC (Rusya) kalite belgeleri ile TS, DIN, BS, ASTM, UNE, LNEC, UNI, BDS, ELOT, NFA, CSA, STAS, GOST, EN, SS, NBR ve ISO standartlarına uygun olarak 100-140 mm kare kesitli kütük; 8-50 mm düz ve nervürlü kaynaklanabilir beton çelik çubukları, 6-15 m boylarında çeşitli kesitlerde profil ve köşebentler. Ayrıca, BS EN ISO 9001, BS EN ISO 14001 ve OHSAS 18001 Yönetim Sistem Belgeleri ile UK CARES Sürdürülebilir İnşaat Çeliği Uygunluk Belgesi.

**ÜRETİM TEKNOLOJİSİ**

Hurda ön ısıtma, 120 MVA gücünde 150 ton kapasiteli 1 adet EAO, Pota Ocağı, 7 ve 6 yollu Sürekli Döküm Makinaları, sıcak kütük yüklemeli Tav Fırınları, Slit, Çift Slit Teknolojisi ve kontrollü soğutma ile Sürekli Haddeleme.

**ESTABLISHMENT** : 1975

**DATE of START - UP**

Steel Making Plant : 1987  
Rolling Mill (Rebar) : 1983  
Rolling Mill (Sectionsr) : 2013

**NUMBER of EMPLOYEES**

Steel Plant : 147  
Rolling Mill : 347  
Others : 635  
**Total** : **1129**  
Blue Collars : 757  
White Collars : 372

**PRODUCT RANGE and STANDARTS**

100-140 mm square steel billets and 8-50 mm round plain and deformed weldable reinforcing steel bars and various sections of 6-15 m length profiles and angles in TS, DIN, BS, ASTM, UNE, LNEC, UNI, BDS, ELOT, NFA, CSA, STAS, GOST, EN, SS, NBR and ISO standarts, certified by TSE (Turkey), CARES (UK), INSTITUT FUR BAUTECHNIK (Germany), POLITECNICO DI TORINO (Italy), CSIC (Spain), BULGARKONTROLA SA (Bulgaria), ICECON S.A. (Romania), TÜV SÜD-PSB (Singapore), DCL (Dubai) and INTN (Paraguay), OJSC RCC (Russia) Quality Certificates.  
Additionally, BS EN ISO 9001, BS EN ISO 14001, OHSAS 18001 and CARES Sustainable Reinforcing Steel Certificate (UK).

**PROCESS TECHNOLOGY**

Scrap preheating, 120 MVA powered EAF with 150 tons of capacity, Ladle Furnace, six and seven-strand Continuous Casting Machines, Reheating Furnaces with hot billet charging, Slit, Double Slit and Continuous Rolling with controlled cooling.



<b>KAPTAN DEMİR ÇELİK ENDÜSTRİSİ ve TİCARET A.Ş.</b>	
 <b>KAPTAN</b>	<b>Merkez</b> <i>(Head Office)</i> Prof.Dr.Fahrettin Kerim Gökay Cad. Bestekâr Sadettin Kaynak Sok. No: 2 34662 Altunizade - Üsküdar - İSTANBUL Tel : +90 (216) 547 49 00 pbx Faks : +90 (216) 428 74 74
	<b>Fabrika</b> <i>(Plant)</i> Seymen Yolu 4. Km Marmara Ereğlisi - TEKİRDAĞ Tel : +90 (282) 611 00 00 pbx Faks : +90 (282) 633 78 27 www.kaptandemir.com.tr info@kaptandemir.com.tr
<b>KURULUŞ TARİHİ</b> : 1968 <b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 2002/04 Haddehane - Karabük : 1968 Haddehane - Çorlu : 1992 Haddehane - M.Ereğlisi : 2006/09 <b>PERSONEL SAYISI</b> Çelikhane : 315 Haddehaneler : 340 Diğer : 186 <b>Toplam</b> : <b>841</b> Mavi Yakalı : 612 Beyaz Yakalı : 229 <b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> 100x100 mm ve 200x200 mm arası çelik kütükler, 8-50 mm arası yuvarlak ve nervürlü inşaat çubukları, 8-30 mm arası kare çubuklar, 10x3 -100x30 mm arası lamalar, 20x20x2,5 - 100x100x12 mm arası köşebentler, Standartlar: TS, DIN, ASTM, BS, AFNOR, JIS, UNI, SI, CSA <b>ÜRETİM TEKNOLOJİSİ</b> 120 ton kapasiteli 125 MVA güçlü SMS DEMAG EAO; 120 ton kapasiteli 15 MVA güçlü pota ocağı; 6 yollu concast sürekli döküm makinası.	<b>ESTABLISHMENT</b> :1968 <b>DATE of START - UP</b> Steel Plant : 2002/04 Rolling Mill - Karabük : 1968 Rolling Mill - Çorlu : 1992 Haddehane-M.Ereğlisi : 2006/09 <b>NUMBER of EMPLOYEES</b> Steel Plant : 315 Rolling Mill : 340 Others : 186 <b>Total</b> : <b>841</b> Blue Collars : 612 White Collars : 229 <b>PRODUCT RANGE and STANDARTS</b> Steel Billets 100x100 mm to 200x200 mm, Round&Deformed Bars Dia. 8-50 mm, Square Bars 8-30 mm, Flat Bars 10x3 - 100x30 mm, Equal Angles 20x20x2,5 - 100x100x12 mm. Standarts: TS, DIN, ASTM, BS, AFNOR, JIS, UNI, SI, CSA. <b>PROCESS TECHNOLOGY</b> 120 tons capacity 125 MVA powered SMS DEMAG EAF; 120 tons capacity 15 MVA powered SMS DEMAG ladle furnace; six-strand concast continuous casting machine.

**KARDEMİR KARABÜK DEMİR ÇELİK SAN. ve TİC. A.Ş. (KARDEMİR)**

**Merkez**  
(Head Office)  
**Fabrika**  
(Plant)

KARDEMİR Tesisleri  
78170 - KARABÜK  
Tel : +90 (370) 418 20 01 (pbx)  
Faks : +90 (370) 412 58 65  
www.kardemir.com  
bim@kardemir.com

**KURULUŞ TARİHİ** : 1937  
-KARDEMİR A.Ş.'nin Kuruluş Tarihi : 20.02.1995  
-Özelleştirme sonucu devir tarihi : 30.03.1995

**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 1939 (Revize: 1998)  
Haddehane (Kontinü) : 1965 (Revize: 2006)  
Haddehane : 1940 (Revize: 2007)

**PERSONEL SAYISI**

Çelikhane : 490 (kapsam içi)  
Haddehane : 556 (kapsam içi)  
Diğer : 1798 (kapsam içi)  
**Toplam : 2844 (kapsam içi)**  
**+764 (kapsam dışı)**

**ÜRÜN ÇEŞİT ve STANDARTLARI**

Kütük: 100x100-200x200 mm;  
Blum: 260x360, 320x480 mm;  
Profil taslağı: 280x360x90 mm, 400x500x110 mm;  
Profiller: NPI 160-500 ; HE (A-AA-B-M) 120-300 mm;  
IPE (A-AA-O-V) 120-600 mm ; NPU 120-400 mm;  
UPE-UAP 80-400 mm;  
Eşkenar köşebentler: 120x120-200x200 mm (Leq);  
Çeşitkenar köşebentler: 120x80-200x150 mm (Luneq);  
GI Maden direği;  
Kalın Yuvarlaklar: Ø 80-220 mm;  
Demiryolu Rayları: (33 kg/m-60 kg/m) 12-72 m;  
Düz çelik çubuklar: Ø 10-42 mm ;  
Nervürlü çelik çubuklar: Ø 8-40 mm ;  
Standartlar: TS, EN, DIN, UIC, GOST, STAS.

**ÜRETİM TEKNOLOJİSİ**

Kok Fabrikası, Yüksek Fırınlar, Sinter Tesisi,  
Çelikhane (Kükürt Giderme, Konverter, Pota Fırını,  
Vakum Tesisi, Konverter Gazı Toplama Tesisi,  
Sekonder Toz Toplama Tesisi, Sürekli Dökümler),  
Haddehaneler (Kontinü Haddehanesi, Ray-Profil  
Haddehanesi) ve diğer yardımcı tesisler.

**ESTABLISHMENT** : 1937  
-Establishment of KARDEMİR A.Ş. : 20.02.1995  
-Take over as a result of Privatization: 30.03.1995

**DATE of START - UP**

Steel Plant : 1939 (Revise: 1998)  
Rolling Mill (Contin.) : 1965 (Revise: 2006)  
Rolling Mill (Trio) : 1940 (Revise: 2007)

**NUMBER of EMPLOYEES**

Steel Plant : 490 (employees)  
Rolling Mill : 556 (employees)  
Others : 1798 (employees)  
**Total : 2844 (employees)**  
**+764 (subcontracted emp.)**

**PRODUCT RANGE and STANDARTS**

Billet: 100x100-200x200 mm;  
Bloom: 260x360-320x480 mm ;  
Beam-Blank: 280x360x90 mm - 400x500x110 mm;  
Profiles: NPI 160-500; HE (A-AA-B-M) 120-300 mm;  
IPE (A-AA-O-V) 120-600 mm; NPU 120-400 mm;  
UPE-UAP 80-400 mm;  
Equal angles: 120x120-200x200 mm (Leq);  
Unequal angles: 120x80-200x150 mm (Luneq);  
GI Profile;  
Rounds: Ø 80-220 mm;  
Railway rails: (33kg/m-60 kg/m) 12-72 m;  
Bars: Ø 10-42 mm;  
Reinforcing bars: Ø 8-40 mm;  
Standards: TS, EN, DIN, UIC, GOST, STAS.

**PROCESS TECHNOLOGY**

Coke Oven Plant, Blast Furnaces, Sinter Plant,  
Steel-Shop (Desulphurization, BOF, Ladle  
Furnace, Vacuum Degassing, Gas Holder,  
Secondary Dust Dedusting System, Continuous  
Casting Machines), Rolling Mill (Continuous  
Rolling Mill, Rail and Section Mill) and auxiliary  
plants.

**KOÇ ÇELİK SANAYİ A.Ş.**

**Merkez**  
(Head Office)  
**Fabrika**  
(Plant)

Organize Sanayi Bölgesi Cebeli Bereket Cad.  
No:17 Toprakkale - OSMANİYE  
Tel : +90 (328) 826 89 00 (pbx)  
Faks : +90 (262) 826 89 10  
www.koccelik.com.tr  
info@koccelikas.com.tr

**KURULUŞ TARİHİ** : Şubat 2013

**İŞLETMEYE GEÇİŞ TARİHİ**  
**Çelikhane** : Mayıs 2013

**PERSONEL SAYISI**  
Çelikhane : 107  
Diğer : 126  
**Toplam** : **233**  
Mavi Yakalı : 160  
Beyaz Yakalı : 73

**ÜRÜN ÇEŞİT ve STANDARTLARI**  
Kütük: 150-150, 130-130 mm, 6-12 m  
TSE Standardı

**ÜRETİM TEKNOLOJİSİ**  
100 MVA gücünde 100 ton EAO, PO, 6 yollu  
sürekli döküm makinası

**ESTABLISHMENT** : February 2013

**DATE of START – UP**  
**Steel Plant** : May 2013

**NUMBER of EMPLOYEES**  
Steel Plant : 107  
Others : 126  
**Total** : **233**  
Blue Collars : 160  
White Collars : 73

**PRODUCT RANGE and STANDARTS**  
Steel billets : 150x150 mm, 130x130 mm, 6-12  
meters  
Standard : TSE

**PROCESS TECHNOLOGY**  
100 MVA powered 100 tons of EAO, LF, six-strand  
continuous casting machine



**KROMAN ÇELİK SANAYİ A.Ş.**

**Merkez**  
(Head Office)

**Fabrika**  
(Plant)

Emek Mah. Aşıroğlu Cad. No:155  
Darıca - KOCAELİ  
Tel : +90 (262) 679 20 00  
Faks : +90 (262) 653 26 76  
www.kromancelik.com.tr  
kroman@kromancelik.com.tr

**KURULUŞ TARİHİ** : 1967

**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane-I : 1969  
Çelikhane-II : 2010  
Haddehane - Profil : 1987  
Haddehane - Çubuk : 2000  
Haddehane - Kangal - 1 : 2006  
Haddehane - Kangal - 2 : 2008

**PERSONEL SAYISI**

Çelikhane : 150  
Haddehane-Profil : 65  
Haddehane-Çubuk : 77  
Haddehane-Kangal : 128  
Liman : 22  
Diğer : 456  
**Toplam : 898**

**ÜRÜN ÇEŞİT VE STANDARTLARI**

Kütük (100,120,130,140,150,160,180 mm)  
UPN Profil (80,100,120,140,160 mm)  
IPN Profil (100,120,140,160 mm)  
Köşebent (90x90,100x100,110x110,120x120 mm)  
Düz Yuvarlak (8-75 mm)  
Nervürlü (8-50 mm)  
Düz Kangal (5,5-20 mm)  
Nervürlü Kangal (6-16 mm)  
Düz Makara (8-50 mm)  
Nervürlü Makara (8-32 mm)  
TSE,DIN,ASTM,EN,BS

**ÜRETİM TEKNOLOJİSİ**

Bir adet 100 ton ve bir adet 150 ton kapasiteli olmak üzere, iki adet EAO, bir adet 100 ton ve 1 adet 150 ton kapasiteli olmak üzere, iki adet pota ocağı, iki adet sürekli döküm makinası, vakum tesisi, profil haddehanesi, çubuk haddehanesi, kangal haddehanesi-I, kangal haddehanesi-II, Kroman Limanı

**ESTABLISHMENT** : 1967

**DATE of START - UP**

Steel Plant-I : 1969  
Steel Plant-II : 2010  
Rolling Mill - Profile : 1987  
Rolling Mill - Bar : 2000  
Rolling Mill - Wire Rod - 1 : 2006  
Rolling Mill - Wire Rod - 2 : 2008

**NUMBER of EMPLOYEES**

Steel Plant : 150  
Rolling Mill - Profile : 65  
Rolling Mill - Bar : 77  
Rolling Mill - Wire Rod : 128  
Port : 22  
Others : 456  
**Total : 898**


**PRODUCT RANGE and STANDARTS**

Steel Billets (100,120,130,140,150,160,180 mm)  
UPN Profile (80,100,120,140,160 mm)  
IPN Profile (100,120,140,160 mm)  
Angles (90x90,100x100,110x110,120x120 mm)  
Smooth Round (8-75 mm)  
Rebar (8-50 mm)  
Plain Wire Rod (5,5-20 mm)  
Deformed Wire Rod (6-16 mm)  
Plain Spool (8-50 mm)  
Deformed Spool (8-32 mm)  
TSE,DIN,ASTM,EN,BS

**PROCESS TECHNOLOGY**

Two EAF'S, one 100 tons and the other 150 tons capacity, two ladle furnaces, one 100 tons and the other 150 tons capacity, two CCM,VDU, profile mill, bar mill, wire rod mill-I, wire rod mill-II, Kroman Port

**MMK METALURJİ SANAYİ TİCARET ve LİMAN İŞLETMECİLİĞİ A.Ş.**

	<b>Merkez</b> (Head Office)	Özerli Mah. Alparslan Türkeş Bulvarı No: 342-91 Dört Yol - HATAY Tel : +90 (326) 770 10 00 Faks : +90 (326) 718 16 18 www.mmkturkey.com.tr info@mmkturkey.com.tr
	<b>İst. Büro</b> (Ist. Office)	Barbaros Mah. Çiğdem Sok. Ağaoğlu My Office No:1 - Kat:14 - D:58-59 Batı Ataşehir - İSTANBUL Tel : +90 (216) 688 51 87 Faks : +90 (216) 688 35 27
	<b>Fabrika</b> (Plant)	Dördüncü Makinaçılar OSB 41455 Çerkeşli Köyü Dilovası/KOCAELİ Tel : +90 (262) 673 00 00
<b>KURULUŞ TARİHİ</b> : 18.07.2007		<b>ESTABLISHMENT</b> : 18.07.2007
<b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 01.05.2011 Haddehane : 01.05.2011		<b>DATE of START - UP</b> Steel Plant : 01.05.2011 Rolling Mill : 01.05.2011
<b>PERSONEL SAYISI</b> Mavi Yakalı : 796 Beyaz Yakalı : 438 <b>Toplam</b> : 1234		<b>NUMBER of EMPLOYEES</b> Blue Collars : 796 White Collars : 438 <b>Total</b> : 1234
<b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> Sıcak Haddelenmiş Çelikler (Hot Rolled Steels) • Sıcak Haddelenmiş Rulo Sac (HRC) • Sıcak haddelenmiş Levha (HRCP) • Sıcak haddelenmiş ve asitlenmiş Rulo (PHRP) • Sıcak Haddelenmiş ve Asitlenmiş Levha (PHRCP)  Sıcak Daldırma Galvanizli Çelikler (Hot Dip Galvanized Stels) • Soğuk Haddelenmiş Ve Galvaniz Kaplanmış Rulo (GCRP) • Soğuk Haddelenmiş ve Galvaniz kaplanmış dilinmiş Rulo (GCRSP) • Soğuk Haddelenmiş ve Galvaniz kaplanmış dilinmiş Levha (GCRCP) • Sıcak Haddelenmiş asitlenmiş ve galvaniz kaplanmış rulo (GHR) • Sıcak Haddelenmiş asitlenmiş ve galvaniz kaplanmış dilinmiş Rulo (GHRSP) • Sıcak Haddelenmiş asitlenmiş ve Galvaniz kaplanmış dilinmiş Levha (GHRCP)  Boyalı Sac (Colour Coated Products) • Galvaniz kaplı Boyalı rulo Sac (PPGP) • Galvaniz Kaplı Boyalı Dilinmiş Rulo (PPGSP) • Galvaniz kaplanmış ve Boyalı rulodan kesilmiş Levha (PPGCP)		<b>PRODUCT RANGE and STANDARTS</b> Hot Rolled Steels • Hot rolled coil • Hot rolled sheet • Pickled hot rolled coil • Pickled hot rolled sheet  Hot Dip Galvanized Steels • Galvanized Cold rolled Coil • Galvanized Cold rolled Slit Coil • Galvanized Cold rolled sheet • Galvanized Hot rolled • Galvanized Hot rolled Slit Coil • Galvanized Hot rolled sheet  Colour Coated Products • Prepainted Galvanized Coil • Prepainted Galvanized Slit Coil • Prepainted Galvanized Sheet
<b>ÜRETİM TEKNOLOJİSİ</b> EAO; İnce Slab Döküm ve Sıcak Haddehane; CSP (Compact Strip Plant); Asitleme Hattı; Soğuk Haddehane; Galvanizleme Hattı (HDGL); Boyama Hattı; Çelik Servis Merkezi; Sıcak Makas; Soğuk Makas (Dilme).		<b>PROCESS TECHNOLOGY</b> EAF; Thin Slab Casting and Hot Rolling; CSP (Compact Strip Plant); Continuous Pickling Line (CPL); Cold Rolling Mill (4 Hi, 2 Strands); Galvanizing Line; Color Coating Line (CCL); Steel Service Center; Hot Scissors; Cold Scissors (Slitting Line).

**NURSAN METALURJİ ENDÜSTRİSİ A.Ş.**

**Merkez**  
(Head Office)  
**Fabrika-2**  
(Plant-2)

Nursan Çelik San. ve Haddecilik A.Ş.  
Payas Organize Sanayi Bölgesi  
Sincan Yolu Üzeri No:3 31900 Dörtyol-HATAY  
Tel : +90 (326) 755 13 94  
Faks : +90 (326) 755 70 95  
www.nursancelik.com  
mustafa.tarhanaci@nursan.com

**Fabrika-1**  
(Plant-1)

Payas Organize Sanayi Bölgesi Sincan Yolu Üzeri  
No:45 , 31900 Dörtyol – HATAY  
Tel : +90 (326) 755 99 20  
Faks : +90 (326) 755 99 31  
cihangir.keles@nursan.com

**KURULUŞ TARİHİ** : 2005

**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 2005  
Haddehane-I : 2006  
Haddehane-II : 1983

**PERSONEL SAYISI**

Çelikhane : 272  
Haddehane : 282  
Diğer : 111  
**Toplam : 665**  
Mavi Yakalı : 554  
Beyaz Yakalı : 111

**ÜRÜN ÇEŞİT ve STANDARTLARI**

150x150 mm kare kesitli çelik kütük üretimi,  
Ø 8 mm - 36 mm arası nervürlü inşaat demiri,  
ISO 9001:2000 Kalite Güvence Sistemine uygun  
olarak  
TS 708, BS 4449, NF A-35, ASTM A 615, DIN 488,  
IS 4466, ISO 6935-2/2007 ve diğer dünya  
standartlarına  
göre üretim.

**ÜRETİM TEKNOLOJİSİ**

1 adet 135 MVA 135 ton kapasiteli AC EAO,  
1 adet 18 MVA 135 ton kapasiteli Pota Ocağı,  
1 adet 7 yollu Sürekli Döküm Makinası,  
1 adet 18 tezgahlı Sürekli Tip Haddehane,  
1 adet 17 tezgahlı Virajlı Tip Haddehane.

**ESTABLISHMENT** : 2005

**DATE of START - UP**

Steel Plant : 2005  
Rolling Mill-I : 2006  
Rolling Mill-II : 1983

**NUMBER of EMPLOYEES**

Steel Plant : 272  
Rolling Mill : 282  
Others : 111  
**Total : 665**  
Blue Collars : 554  
White Collars : 111

**PRODUCT RANGE and STANDARTS**

Production of 150x150 mm square steel billets,  
Deformed bars ranging from Ø 8 mm to 36 mm,  
Production in TS 708, BS 4449, NF A-35, ASTM A  
615,  
DIN 488, IS 4466, ISO 6935-2/2007 and other  
world standards in accordance with ISO  
9001:2000 Quality  
Assurance System.

**PROCESS TECHNOLOGY**

One 135 MVA 135 tons capacity AC EAF,  
One 18 MVA 135 tons capacity LF,  
One 7 strands Continuous Casting Machine,  
One Continuous Type Barmill having 18 mill  
strands, One Cross-Country Type Barmill having 17  
mill strands.



**ÖZKAN DEMİR ÇELİK SANAYİ A.Ş.**

**Merkez**  
(Head Office)  
**Fabrika**  
(Plant)

Bozköy Köyü 13. Cad. No:4  
35800 Aliğa – İZMİR  
Tel : +90 (232) 625 15 15  
Faks : +90 (232) 625 20 83  
www.ozkansteel.com  
info@ozkansteel.com

**KURULUŞ TARİHİ** : 1953  
(1984'ten itibaren A.Ş.)

**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 2010  
Haddehane-I : 1992  
Haddehane-II : 1995

**PERSONEL SAYISI**

Çelikhane : 237  
Haddehane : 386  
**Toplam : 623**  
Mavi Yakalı : 555  
Beyaz Yakalı : 68

**ÜRÜN ÇEŞİT ve STANDARTLARI**

Eşkenar ve Çeşitkenar Köşebent, Hollanda Profili, NPI, IPE, RSJ, H Profil, NPU, UPE, UE, TFC, PFC, UB, Maden Tahkimat Profilleri, Selet, Lama, Geniş lama, Yuvarlak, Kare ve Özel Profiller olmak üzere bine yakın ürün çeşidinin üretimi, EN, ASTM, CSA, JIS, BS, TS ve DIN gibi dünya standartlarında gerçekleştirilmektedir

**ÜRETİM TEKNOLOJİSİ**

60 MW gücünde 85 tonluk 1 adet EAO, 16 MW gücünde 1 adet pota ocağı, 1 adet 4 yollu sürekli döküm makinası (blum, kütük), kalın kesit, orta kesit ve ince kesit haddehaneleri, tamamlama hatları, kaynaklı imalat hattı, bükme hattı, kumlama boyama ünitesi, normalizasyon fırını, kimya, mekanik testler ve metalografi laboratuvarları.

**ESTABLISHMENT** : 1953  
(Inc. since 1984)

**DATE of START - UP**

Steel Plant : 2010  
Rolling Mill-I : 1992  
Rolling Mill-II : 1995

**NUMBER of EMPLOYEES**

Steel Plant : 237  
Rolling Mill : 386  
**Total : 623**  
Blue Collars : 555  
White Collars : 68

**PRODUCT RANGE and STANDARTS**

More than 1.000 different shape and size profile including Equal and Unequal Angles, Bulb Flat, NPI, IPE, RSJ, H Beams, NPU, UPE, UE, TFC, PFC, UB, Ribbed Plates, Mining Support Profiles, Flat, Wide Flat, Round Bar, Square Bar and Special Profiles according to EN, ASTM, CSA, JIS, BS, TS and DIN standards.

**PROCESS TECHNOLOGY**

1 unit 85 tons of capacity with 60 MW powered EAF, 1 unit ladle furnace with 16 mw powered, 1 unit 4 strands continuous casting machine (bloom, billet), heavy section mill, medium section mill, light section mill, finishing lines, welded profiles line, bending line, shot blasting and painting line, normalizing furnace, chemical, mechanical testing and metallography laboratories.

**PLATINUM DEMİR ÇELİK SANAYİ ve TİCARET A.Ş.**

 <b>PLATINUM</b> DEMİR ÇELİK SANAYİ VE TİCARET ANONİM ŞİRKETİ	<b>Merkez</b> <i>(Head Office)</i>	Bağdat Cad. Ogün Sok. Bağdat Palas Apt. No:302 D:9 Caddebostan - Kadıköy - İSTANBUL Tel : +90 (216) 302 43 45 Faks : +90 (216) 302 43 36
	<b>Fabrika</b> <i>(Plant)</i>	Organize Sanayi Bölgesi Zorkun Cad. No:4 Toprakkale - OSMANİYE Tel : +90 (328) 826 82 44-45-46-47-48 Faks : +90 (328) 826 82 43 www.platinumdemir.com esabil.buyuktelli@platinumdemir.com

**KURULUŞ TARİHİ** : 2007**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 2010

**PERSONEL SAYISI**

Çelikhane : 200

Diğer : 15

**Toplam : 215**

Mavi Yakalı : 170

Beyaz Yakalı : 45

**ÜRÜN ÇEŞİT ve STANDARTLARI**100x100-160x160 mm kare kesit çelik kütük  
(ASTMA-615)**ÜRETİM TEKNOLOJİSİ**2-SET 12 MVA gücünde 25 ton kapasiteli  
İndüksiyon Ocağı, 5 MVA gücünde 25 ton  
kapasiteli Pota Ocağı, Sürekli Döküm Makinesi**ESTABLISHMENT** : 2007**DATE of START - UP**

Steel Plant : 2010

**NUMBER of EMPLOYEES**

Steel Plant : 200


Other : 15

**Total : 215**

Blue Collars : 170

White Collars : 45

**PRODUCT RANGE and STANDARTS**100x100-160x160 mm steel billet  
(ASTMA-615)**PROCESS TECHNOLOGY**Two sets of 25 tons of capacity, 12 MW induction  
furnace, 25 tons of capacity, ladle furnace,  
continous casting.

<b>TOSÇELİK PROFİL ve SAC ENDÜSTRİSİ A.Ş.</b>		
 <b>TOSÇELİK</b> Profil ve Sac	<b>Merkez</b> (Head Office)	Organize Sanayi Bölgesi Sarıseki - İSKENDERUN - HATAY Tel : +90 (326) 656 28 90
	<b>Fabrika</b> (Plant)	Organize Sanayi Bölgesi OSMANİYE Tel : +90 (328) 826 80 80 Faks : +90 (328) 826 80 09 www.toscelik.com.tr satis@tosyaliholding.com.tr
<b>KURULUŞ TARİHİ</b> : 1997	<b>ESTABLISHMENT</b> : 1997	
<b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 2009 Haddehane : 2009	<b>DATE of START - UP</b> Steel Plant : 2009 Rolling Mill : 2009	
<b>PERSONEL SAYISI</b> Çelikhane : 300 Haddehane : 310 Diğer : 1523 <b>Toplam : 2133</b> Mavi Yakalı : 1680 Beyaz Yakalı : 453	<b>NUMBER of EMPLOYEES</b> Steel Plant : 300 Rolling Mill : 310 Other : 1523 <b>Total : 2133</b> Blue Collars : 1680 White Collars : 453	
<b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> Düşük ve Orta karbonlu çelikler, Mikro alaşımlı çelikler, Sıcak sac Boru-Profil Kesitler : 130-200 mm Kütük : 1-16 mm kalınlık sac : 500-1000 mm genişlik sac Standartlar : TSE ,DIN , SAE , API	<b>PRODUCT RANGE and STANDARTS</b> Low and medium carbon steels, micro alloyed steels, hot rolled coil, pipes and profiles. Sections : 130-200 mm billet : 1-16 mm thick hot rolled coil : 500-1000 mm width hot rolled coil Standartlar : TSE ,DIN , SAE , API	
<b>ÜRETİM TEKNOLOJİSİ</b> 1 adet 180 Ton EAO , 1 Adet 170 Ton PO, Kütük ve Slab Döküm, Sıcak Sac Haddehanesi, Bobin Hazırlama	<b>PROCESS TECHNOLOGY</b> One 180 tons of EAF, one 180 tons of ladle furnace, billet and slab caster, hot strip rolling mill, skin pass mill	



**YAZICI DEMİR ÇELİK SANAYİ ve TİCARET A.Ş.****YAZICI DEMİR ÇELİK****Merkez**  
(Head Office)

Tersane Cad. No:96 Diler Han  
34420 Karaköy - İSTANBUL  
Tel : +90 (212) 253 66 30 (16hat/ lines)  
Faks : +90 (212) 250 83 32  
Telex : 24181 digi tr

**Fabrika**  
(Plant)

Organize Sanayi Bölgesi P.K. 61  
31200 Sariseki - İSKENDERUN  
Tel : +90 (326) 656 23 00 (12 hat/lines)  
Faks : +90 (326) 656 23 17  
yazicifab@dilerhld.com

**KURULUŞ TARİHİ** : 1949**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 1994  
Haddehane : 1949  
Haddehane (Karabük) : 1951

**PERSONEL SAYISI**

Çelikhane : 245  
Haddehane : 123  
Diğer : 117  
**Toplam : 485**  
Mavi Yakalı : 297  
Beyaz Yakalı : 188

**ÜRÜN ÇEŞİT ve STANDARTLARI**

100x100 mm'den 140x140 mm'ye kadar çelik kütükler, 8 mm'den 50 mm'ye kadar düz ve nervürlü inşaat çelikleri.  
ISO 9002 Kalite Güvence Sistemine uygun olarak TS, DIN, ASTM, JIS, AFNOR, BS ve diğer dünya standartlarında üretim.

**ÜRETİM TEKNOLOJİSİ**

1 adet 78 MVA ABB DC EAO, 12 MVA Pota Ocağı, 6 yollu Sürekli Döküm Makinası

**ESTABLISHMENT** : 1949**DATE of START - UP**

Steel Plant : 1994  
Rolling Mill : 1949  
Rolling Mill (Karabük) : 1951

**NUMBER of EMPLOYEES**

Steel Plant : 245  
Rolling Mill : 123  
Others : 117  
**Total : 485**  
Blue Collars : 297  
White Collars : 188


**PRODUCT RANGE and STANDARTS**

Steel billets ranging from 100x100 mm to 140x140 mm, round and deformed bars ranging from 8 mm to 50 mm.  
Production in TS, DIN, ASTM, JIS, AFNOR, BS and other world standarts in accordance with ISO 9002 Quality Assurance System.

**PROCESS TECHNOLOGY**

One 78 MVA ABB DC EAF, 12 MVA Ladle Furnace, 6 strands Continuous Casting Machine.

**YEŞİLYURT DEMİR ÇELİK ENDÜSTRİSİ ve LIMAN İŞLETMELERİ LTD.ŞTİ.**

	<b>Merkez</b> (Head Office)	Cumhuriyet Mah. Akal Sok. No: 3 Tekkeköy - SAMSUN Tel : +90 (362) 256 23 30-34 (5 hat/lines) Faks : +90 (362) 256 04 99	
	<b>Fabrika</b> (Plant)	Organize Sanayi Bölgesi Kutlukent - SAMSUN Tel : +90 (362) 266 61 60- 67 (7hat/lines) Faks : +90 (362) 266 61 67 www.yesilyurtdc.com.tr	
<b>KURULUŞ TARİHİ</b> : 1985  <b>İŞLETMEYE GEÇİŞ TARİHİ</b> Çelikhane : 1997 Haddehane : 1987  <b>PERSONEL SAYISI</b> Çelikhane : 310 Haddehane : 205 Diğer : 95 <b>Toplam</b> : <b>610</b> Mavi Yakalı : 550 Beyaz Yakalı : 60  <b>ÜRÜN ÇEŞİT ve STANDARTLARI</b> 100x100, 120x120, 130x130, 140x140, 150x150, 160x160, 180x180 ve 200x200 mm kesitinde, 4.5-14 m boyunda düşük, orta ve yüksek karbonlu çelik kütükler. 8-40 mm nervürlü inşaat çelikleri. TSE, DIN, BS, AFNOR, GOST, ASTM, EN, JIS  <b>ÜRETİM TEKNOLOJİSİ</b> 100 ton kapasiteli UHP EAO, Pota Ocağı, 6 yollu Sürekli Döküm Makinası, Haddeme Tesisleri.		<b>ESTABLISHMENT</b> : 1985  <b>DATE of START – UP</b> Steel Plant : 1997 Rolling Mill : 1987  <b>NUMBER of EMPLOYEES</b> Steel Plant : 310 Rolling Mill : 205 Others : 95 <b>Total</b> : <b>610</b> Blue Collars : 550 White Collars : 60  <b>PRODUCT RANGE and STANDARTS</b> Steel billets ranging from 100x100, 120x120, 130x130, 140x140, 150x150, 160x160, 180x180 ve 200x200 mm. 4.5-14 m length ow, medium ve high carbon steel billets. 8-40 mm deformed bars. TSE, DIN, BS, AFNOR, GOST, ASTM, EN, JIS  <b>PROCESS TECHNOLOGY</b> 100 tons of capacity UHP type EAF, ladle furnace, six-strand continous casting machine, rolling mill.	

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www.ybmetalurji.com.tr

**KURULUŞ TARİHİ** : 2008**ESTABLISHMENT** : 2008**İŞLETMEYE GEÇİŞ TARİHİ**

Çelikhane : 2010  
Haddehane : 2014

**DATE of START - UP**

Steel Plant : 2010  
Rolling Mill : 2014

**PERSONEL SAYISI**

Çelikhane : 564  
Haddehane : 203  
**Toplam : 767**  
Mavi Yakalı : 500  
Beyaz Yakalı : 267

**NUMBER of EMPLOYEES**

Steel Plant : 564  
Rolling Mill : 203  
**Total : 767**  
Blue Collars : 500  
White Collars : 267

**ÜRÜN ÇEŞİT ve STANDARTLARI**

100x100 mm'den 200x200 mm'ye kadar kütük,  
400 mm'ye kadar blum. B1 ve B2 tipli beam blank  
8-63 mm arası nervürlü inşaat demiri

**PRODUCT RANGE and STANDARTS**

From 100x100 mm to 200x200 mm billet,  
up to 400 mm bloom, B1 and B2 types of beam  
blank, 8-63 mm ribbed bar

**ÜRETİM TEKNOLOJİSİ**

170 ton/h kapasiteli EAO, Pota Ocağı, Sürekli  
Döküm Makinası, 220 t/h tav fırını ve 18 tezgahlı  
haddehane

**PROCESS TECHNOLOGY**

EAF with 170 t/h capacity, Ladle Furnace,  
Continuous casting machine. 220 t/h reheating  
furnace and 18 strands Rolling mill.

## FİRMALAR ve ÜRÜNLER

*Firms And Products*

	ASIL ÇELİK	BİLECİK D. Ç.	ÇEBİTAŞ	ÇEMTAŞ	ÇOLAKOĞLU	DİLER	EGEMEN	EGEDEMİR	HABAŞ	İÇDAŞ	İZMİR D. Ç.	KAPTAN D. Ç.
Pik Demir / Pig Iron												
İngot / Ingot	•											
Kütük, Blum / Billet, Bloom	•	•	•	•	•	•	•	•	•	•	•	•
Slab / Slab					•				•			
Demiryolu Malz. / Rails&Accessories												
Vasıflı Çelik / Special Steel	•			•						•		•
Yuvarlak / Round Bar	•			•					•	•	•	•
Nervürlü / Deformed Bar		•	•		•	•	•		•	•	•	•
Filmaşın / Wire Rod						•			•	•		
Profil / Profile											•	
Köşebent / Angles											•	•
Kare ve Altıgen / Square & Hexagonal	•								•			•
Lama / Flat Bar	•			•							•	•
Çelik Lama / Flat Steel	•											•
Levha / Plate												
Sıcak Çekilmiş Sac / HR Coil					•				•			
Soğuk Çekilmiş Sac / CR Coil												
Şerit / Strip												
Kaplamalı Sac / Coated Coil												
Teneke / Tinplate												
Galvanizli Sac / Galvanized Sheet												



## FİRMALAR ve ÜRÜNLER

Firms And Products

	KARDEMİR	KOÇ ÇELİK	KROMAN	MMK Metalurji	NURSAN	ÖZKAN D. Ç.	PLATINUM	TOSÇELİK	YAZICI	YEŞİLYURT	YOLBULAN BAŞTUĞ
Pik Demir / Pig Iron	•										
İngot / Ingot											
Kütük, Blum / Billet, Bloom	•	•	•		•	•	•	•	•	•	•
Slab / Slab								•			
Demiryolu Malz. / Rails&Accessories	•					•					
Vasıflı Çelik / Special Steel						•					
Yuvarlak / Round Bar			•			•					•
Nervürlü / Deformed Bar	•		•		•			•	•	•	•
Filmaşın / Wire Rod	•		•					•			
Profil / Profile	•		•			•		•			
Köşebent / Angles			•			•		•			
Kare ve Altıgen / Square & Hexagonal						•		•			
Lama / Flat Bar						•		•			
Çelik Lama / Flat Steel						•					
Levha / Plate				•				•			
Sıcak Çekilmiş Sac / HR Coil								•			
Soğuk Çekilmiş Sac / CR Coil				•							
Şerit / Strip				•				•			
Kaplamalı Sac / Coated Coil				•							
Teneke / Tinplate											
Galvanizli Sac / Galvanized Sheet				•							

# Türkiye Çelik Haritası / Steel Map of Turkey

