



*Ambalaj Çelik
Sanayi ve Ticaret A.Ş.*

Steel Service Center

March 2023

Steel Service Center

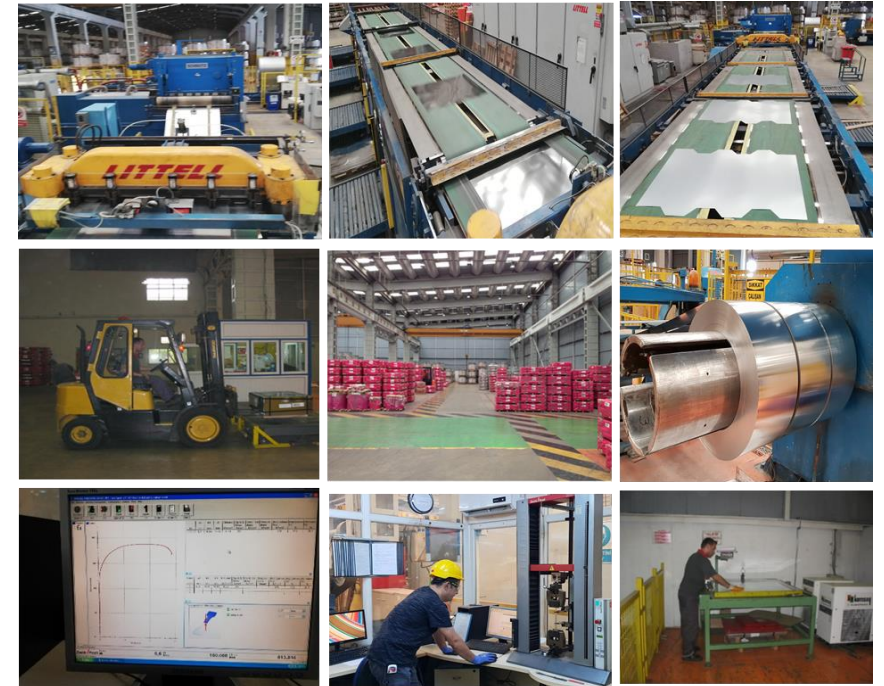
- A complementary industrial network to production plants.
- At the doorstep of customer's facilities.
- That **serves solutions**:
Developing a set of services complementary to the steel products to better meet the expectations of customers:
 - ✓ Wide range of products and services, with the optimum/highest standards of quality, allowing customers to maximize its equipment.
 - ✓ Via an optimised logistic route.
 - ✓ In all major sectors of our core segment, the Steel for Packaging, including Food, Aerosol, Closures and General Line.
 - ✓ In both, domestic and abroad markets (specially export markets where global growing customers are also located).
- 25 year of activity : Area of expertise:
 - ✓ To transform highly sensitive packaging steels (Tinmill products),
 - ✓ Close to 0 (zero) tolerance,
 - ✓ With excellent surface quality,
 - ✓ In a clean environment.
- In 2020, the company invested in other segments with the same philosophy (Cut-to-length and Sitting lines for automotive and whitegoods).



Steel Service Center

- Located in Gemlik, on the Bursa - Istanbul highway,
 - 5km from Gemlik port, close to railway facility.
 - 14.000 sqm covered area,

- The company has 6 lines dedicated to steel for packaging:
 - 3 cut-to-length lines,
 - 2 slitting lines,
 - 1 lacquering line for metallic sheets with a yearly capacity of \approx 10-12kt.



3 Cut to Length Lines

- For **straight** & **scroll** cutting, with a yearly capacity of around 165kt, fully equipped with
 - multi-roll straightener (for good flatness performance)
 - 4 stackers separating different qualities (2 for prime, 1 for non prime, 1 for rejects)
 - very precise cutting tolerance (less than 0,5mm)

LITTELL-2 STRAIGHT/SCROLL (6 HIGH Straightner)

	Min	Max
Thickness	0,125 mm	0,525 mm
Coil Width	600 mm	1250 mm
Cutting Length	460 mm	1200 mm
Coil Weight		13,6 ton
Coil Internal Diametre	380mm	420mm
Coils External Diametre	915mm	1830mm
Max. Cutting Speed		137 m/min;175 sheet/min
Leveller workroll diametre		38 mm
Leveller number of workroll		16 pieces
Cut to length tolerance		-0,+0,36 mm
Line straight cut capacity		62 kt
Line scroll cut capacity		42 kt
Rolling width cutting (per side)		
Power	120 kw	

LITTELL-3 STRAIGHT/SCROLL (SCHNUTZ Straightner)

	Min	Max
Thickness	0,125 mm	0,525 mm
Coil Width	600 mm	1250 mm
Cutting Length	559 mm	1206,5 mm
Coil Weight		13,6 ton
Coil Internal Diametre	380mm	420mm
Coils External Diametre	914mm	1830mm
Max. Cutting Speed		137 m/min;175 sheet/min
Leveller workroll diametre		25 mm
Leveller number of workroll		23 pieces
Cut to length tolerance		-0,+0,36 mm
Line straight cut capacity		62 kt
Line scroll cut capacity		42 kt
Rolling width cutting (per side)		
Power	120 kw	

FIMI Cut to Length STRAIGHT (FIMI Straightner)

	Min	Max
Thickness	0,13 mm	0,70 mm
Coil Width	465 mm	1250 mm
Cutting Length	450 mm	1200 mm
Coil Weight		16 ton
Coil Internal Diametre	380mm	420mm
Coils External Diametre		1930 mm
Max. Cutting Speed		120m/min
Leveller workroll diametre		32 mm
Leveller number of workroll		23 pieces
Cut to length tolerance		-0,+0,60 mm
Line straight cut capacity		45 kt
Line scroll cut capacity		
Rolling width cutting (per side)	10mm	230 mm
Power	240 kw	

2 Coil Slitting Lines

- For **wide** & **narrow** coils, **multi-products**,
 - Thin products (i.e. Tinplate)
 - Thicker products (i.e. other Flat Products).

STRIP COIL LINE (WIDE COILS)

STRIP COIL LINE (NARROW COILS)

	Min	Max	Min	Max
Thickness	0,13 mm	2 mm	0,13 mm	1 mm
Coil/Strip (entry) Width	30 mm	1250 mm	20 mm	450 mm
Coil/Strip (entry) Internal Diametre	380mm	420mm	380mm	508mm
Coil/Strip (entry) External Diametre		1600 mm		1400 mm
Coil/Strip (entry) Weigth		12 ton		1,5 ton
Coil/Strip (exit) Width	20 mm	1250.00	8 mm	450 mm
Coil/Strip (exit) Internal Diametre	400 mm	508 mm	420 mm	420 mm
Coil/Strip (exit) External diametre		1600mm		1400mm
Slitting tolerance		-0,+0,20 mm		-0,+0,20 mm
Max. Cutting Speed		100m/min		100m/min
Line capadty		24 kt		1,5 kt
Power	100 kw		35 kw	

1 Metal Sheet Coating Line

➤ For coating or varnishing ETP/ECCS, Aluminium and other metal sheets

- Metal sheet coating machine
- Metal decorating oven

Coating speed
 Metal Sheet Size
 Metal Sheet Thickness
 Rubber Roller Dia
 Impression Roller
 Bundle weight

METAL SHEET COATING LINE	
Min	Max
680 x 480 mm	1200 x 1000 mm
0,14mm	0,60mm
	(full coating) Ø324 x Ø339mm (partial coating) Ø329
	Ø220 mm

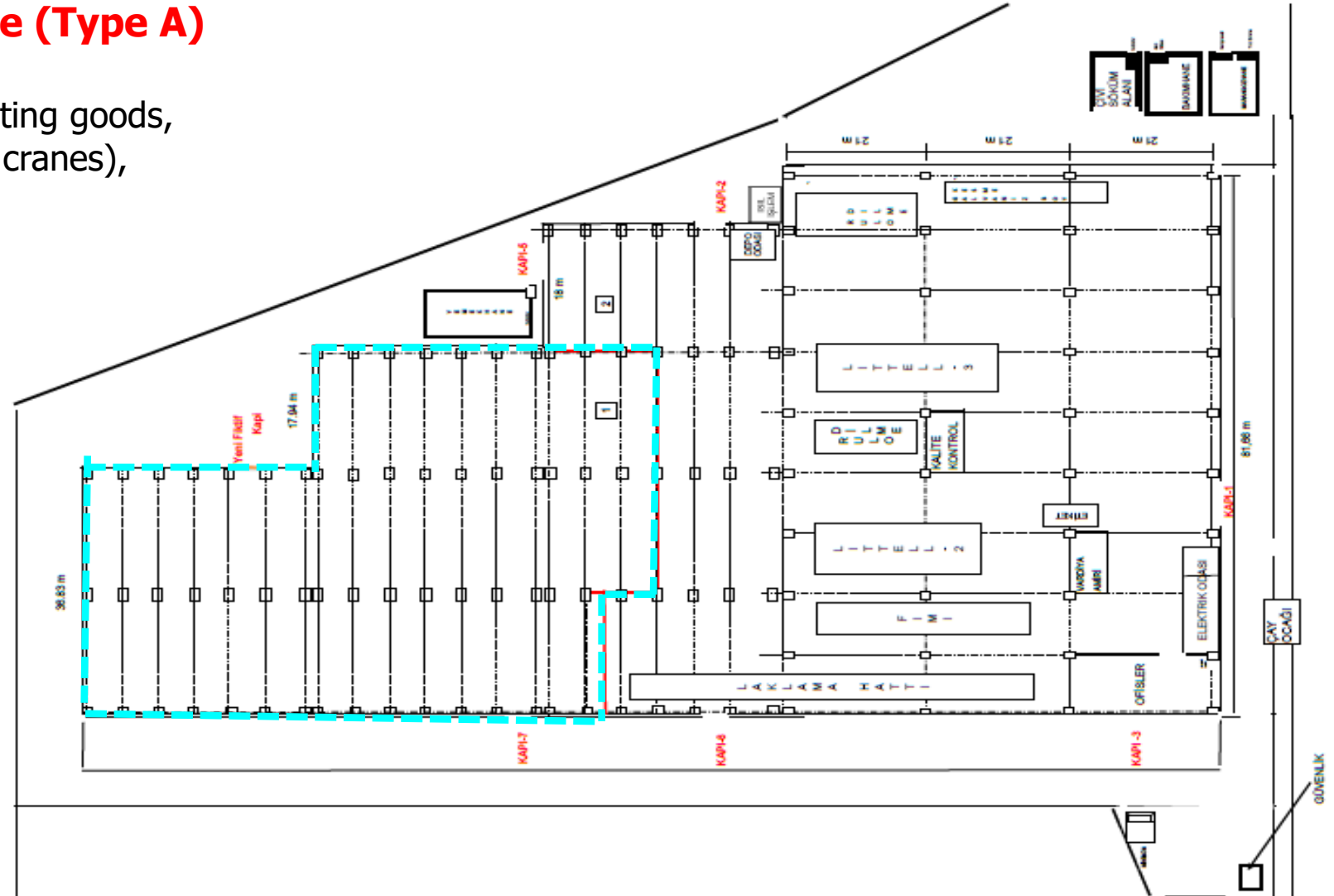
METAL DECORATING OVEN (Conventional)	
Min	Max
712 x 508 mm	1200 x 1000 mm
0,14mm	0,5mm
	1000 p/min
	2 tons



Bonded Warehouse (Type A)

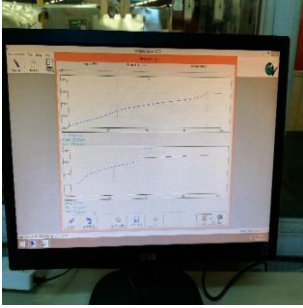
➤ 5000 sqm of Bonded Warehouse (Type A)

- For storage of importing and exporting goods,
- Easy handling facility (3 over-head cranes),
- Suitable for heavy goods.

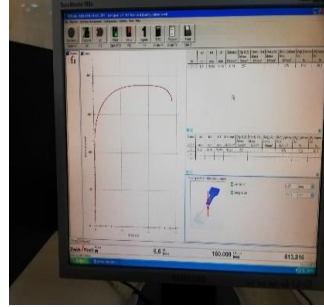


High-performance laboratory equipment & Quality Management

- Computerized Tin Coating Thickness Tester: Indel Sumetal Stannomatic Sn-6101M-D



- Tensile Testing Machine: Zwick / Roell Z010



- Rockwell Hardness Testing Machine: Intendec 4045 BK



- Semi-auto coatings thickness gauge: Sencon SI9600



- Semi-auto enamel rater: Sencon SI9100



**QUALITY
MANAGEMENT SYSTEM
CERTIFICATE**



**ENVIRONMENTAL
MANAGEMENT SYSTEM
CERTIFICATE**



**OCCUPATIONAL HEALTH & SAFETY
QUALITY MANAGEMENT SYSTEM
CERTIFICATE**



**INFORMATION SECURITY
MANAGEMENT SYSTEM
CERTIFICATE**



**AUTHORIZED
ECONOMIC OPERATOR
CERTIFICATE**



Human Resources

- **Health & Safety culture of the company**
(With 0 accidents/incidents as objective number 1 of the Group for years, forming part of our daily life and culture, with its yearly targets, based in constant education, measurement, improvement.
- **Since June 2008 : OHSAS 18001**
Occupational Health & Safety Certification, concerned with protecting the safety, health and welfare of people engaged in work.

Environmental

- **Since 2012 ISO 14001**
Environmental Management System Certificate
- **Since 1998 sponsorship different projects in Umurbey -Gemlik Municipality :**
Like the plant of thousands of trees in the region.

Communities

- **2017:** 100% sponsorship for the construction, equipment and start up of Gemlik "**Lale Kemal Kilic Ortaokulu Spor Salonu**", (Sport Salon of the school close to our plant in Gemlik).
- **Continuous education grant for students with families in difficulties, among our community.**
- **2008-2007 :** Donation to "Turkish Education Volunteers Foundation" of 1 year sponsorship for 2000 children in poor situation and conditions.
Sponsorship for contributing to the restoration of the Onchology and Hematology building of the "Hospital of the Turkish Military Academi" of Gulhane (Ankara).
- **2007-2006 :** 100% sponsorship for the construction, equipment and start up of Siirt "**Şehit Zafer Kilic Spor Lisesi**", Boarding School where 367 new students started their education in 2008, located in Siirt (South East of Turkey).
- **2004-2003 :** Sponsorship of "Istanbul Technical University" Aeronautic Engineering team for IHA competition. 2003-2004 : 100% of the restauration of a Historical House of Umurbey
- **1999 : Earthquake in Turkey :** AMAC and its community contributed to :
 - the support logistics and set up of one champ of tents sent by international communities
 - 150 children installed in a school
 - contribution with one of the French Mobile Hospitals to the communication (translations) between medical staff and with local community)
- **Since 1998 :**
Sponsorship of Umurbey football team

Shareholders

- **Since 2002 :** "Istanbul Chamber of Commerce" (ITO) and "Istanbul Chamber of Industry" (ISO) Awards **0000**
2005 - 2006 – 2007 Bronze and Silver Awards for Corporate Earning Tax from the "Tax Office for Biggest Turkish Companies"
- **Several years awards from Export Chamber of Commerce Awards :** Among 500 companies biggest in export activities.
- **Since 2002 ISO and Fortune 500 biggest companies in Turkey**
Turkish Fortune 500 position :
 - Net Profit/SHE : 2008 : 35/500 and 1/33 in our Sector.
 - Turnover 2008 : 240/500
2009 : 234/500
- **2004 "Turkish Standard Institute" (TSE) Quality Assurance Awards :**
for being among the Turkish 10 best companies of the year.
- **2001 Awards from Customer & Supplier :**
Marsa (Sabanci Group) Awards for being best supplier of the year
Erdemir Awards for being best customer of the year.

25 years of SSC background evolution (lead by the actual ownership)

- 1st April 1997 : First SSC established in **Turkey**, mediterranean region, growth expectations. 50/50 ownership with local partner. **1st CTL line** installed in Manisa 8total covered area 1800 sqm).
- 1998-1999 : 100% ownership by our former Group. Investment for new facilities in Gemlik & installation of **2nd CTL line**. (total covered area 5600 sqm).
- 2002-2003 : 17th oct 2002 : Partnership agreement with Erdemir, by selling them 25% of the company. Acquisition of additional land in Gemlik for extention of facilities & installation of the **3rd CTL line** (total covered area 13.000 sqm).
- 2004-2005 : Installation of **2 coils slitters**. Capacity of the company (all Lines included) \approx 180kt. Development of Business Plans for further SSC investments abroad (CIS – Middle East ...)
- 2006-2007 : Establishment of SSC in **Ukraine** (in Belgorod-Dnestrovsky - Odessa region). Total area 50000 sqm – covered area 10.000 sqm. **1 CTL line** for Tinplate (moved from Turkey) + **2 coils slitter multiproducts**: Tinplate–Galva–CRC–HRC.
- 2008-2009 : Jan-Jun 2008 : (Prior to the crisis), the company reaches its full cut to length capacity: Installation in Gemlik of the **4rd CTL line**, (new capacity in Turkey **>200 kt/yr**)
- 2010-2011 : Following Competition Board Court decissions, Erdemir sell its shares in the company, 100% ownership is back to our former group.
- 2012-2013 : Establishment in Rostov (South **Russia**) of 3rd company, In a first step, a logistic platform to deliver from Turkey growing customers in a context of critical logistic (and service) conditions. In a second step, **2015-2016** establishment of 3rd SSC with installation of **1 CTL line** (moved from Turkey).
- 2018 : Transfer the manager of the SSC of Ukraine and Russia to CIS region of the group.
- 12th June 2019 : Transfer of 100% of the company shares to Adnan Özturk, becoming **Virtus**
- 2020 - 2021 : Diversification strategy (of sectors – markets – suppliers).
New invesments : **1 CTL Line - 1 Slitting line** (both for Automotive Industry - Whitegoods). **1 Metal Sheet Coating Lne** (for ETP/ECCS)
Development of export markets : Establishment of 2 companies abroad:
Virtus Steel Italia (in Italy)
Virtus Aceros España (in Spain)

26 years of SSC background evolution

Virtus: June 2019 - 2023



With Virtus: The objective is to reach full capacity of our equipment, with around 200kt, focusing in export markets

- **New strategy of diversification:** (sectors – markets – suppliers).
- **New investments:** 1 CTL Line - 1 Slitting line (both for Automotive Industry - Whitegoods). 1 Metal Sheet Coating Line (for ETP/ECCS)
- **Transformation of structure of our Bonded Warehouse (5000 sqm):** from Type C (only used by our company) to Type A (can be used by other companies,
 - ✓ For storage of importing and exporting goods,
 - ✓ Easy handling facility (3 over-head cranes),
 - ✓ Suitable for heavy goods.
 Customers can bring their own imported materials, i.e. to be cut – slitted – lacquered in Virtus.

