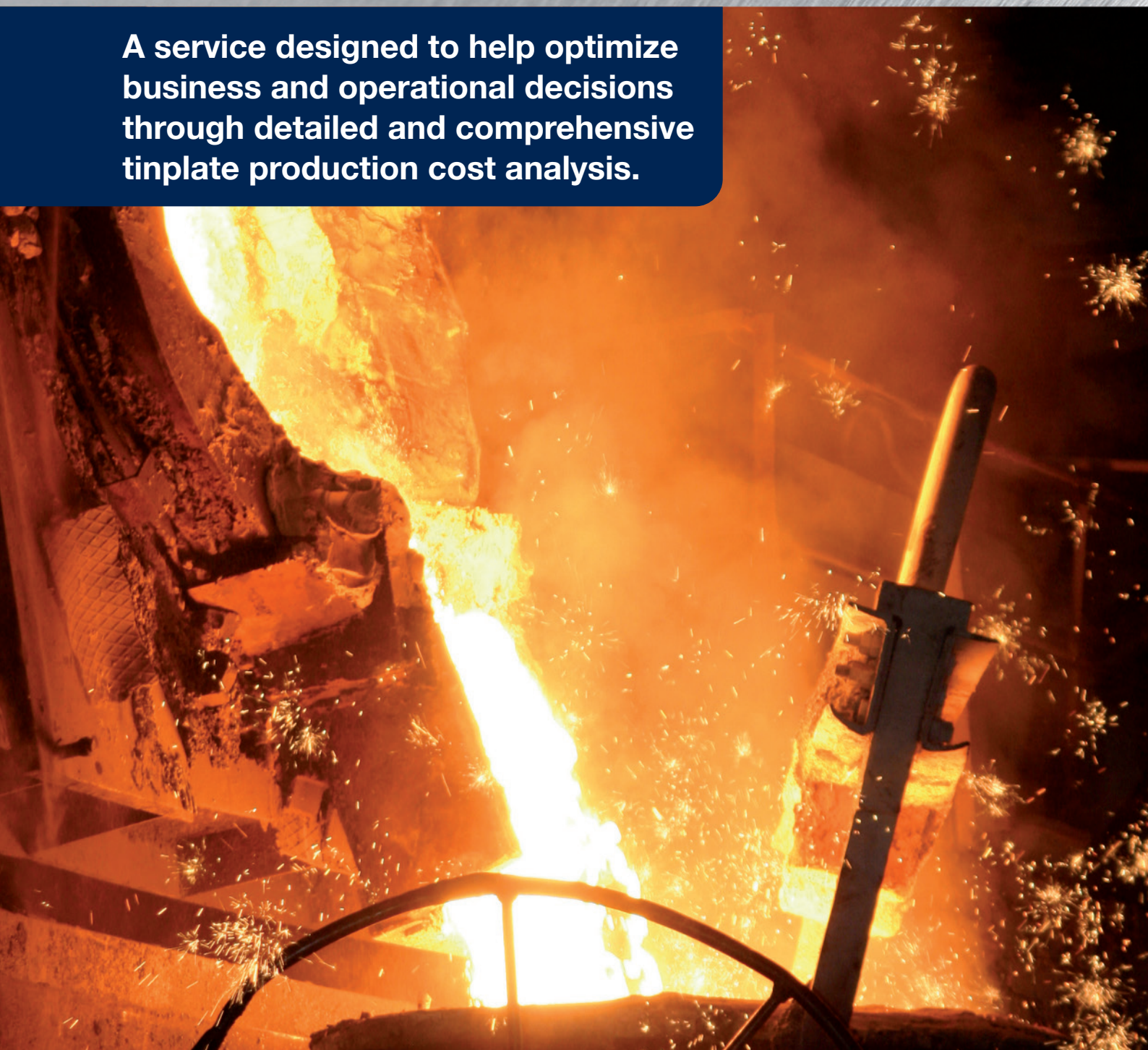




Tinplate Cost Production **Service**

A service designed to help optimize business and operational decisions through detailed and comprehensive tinplate production cost analysis.





Our quarterly report provides in-depth and detailed tinplate production cost analysis.

Our quarterly Tinplate cost production service offers:

- Detailed breakdown of the costs to produce one ton of tinplate in every stage of the production process from raw materials to final tinplate product.
- Understanding the impact that raw material variations have on the tinplate production costs. For example: iron ore, coking coal, cold rolled, energy cost, etc.
- The ability to compare production costs of 51 tinplate plants around the world, at any stage of the production process, including a complete range of cost classifications: raw materials, labor, energy, reductants, and capital charges.
- The capability to calculate the variation of the production cost since your last tinplate purchase.

Harbor intelligence, in conjunction with independent consultant James King, provides this information in a quarterly basis report which is presented in a very simple to use and easy to understand format.

The service also includes information in excel format so that you can modify it and adapt it to your specific needs. The excel format aloud you to easily compare the competitive position of any of the 51 plants, at all stages of the production process from raw materials to tinplate steel product.

Contents

Introduction

I. Methodology

A general description of the methodology used to calculate tinplate production costs. For comparability of analysis all plants are assumed to produce tinplate of 0.21 mm thickness with tin coating 2.8 grams per square meter each side.

II. Evoution of Key International Prices for Steel Production Costs

A detailed evolution of key steelmaking raw materials and input prices. Includes the following:

- Crude oil
- Fuel oil
- Steam coal
- Coking coal
- Coke
- Sinter fines
- Blast furnace pellet
- DRI
- Pig iron
- Scrap
- Billet
- Slab
- Plate
- HR coil
- CR coil
- Exchange rate

III. Production Cost Comparative

A visual tool that enables you to compare the total tinplate production cost (fob) of one ton of tinplate of the most important tinplate mills around the world (51 tinplate plants). It also includes a cost comparative analysis that highlights the competitive structure of the tinplate industry.

IV. Tinplate Production Cost Analysis by Plant (includes 39 tinplate plants)

1. Tinplate Productions cost Analysis parting from crude steel

1.1 Tinplate Cumulative Cost Summary (USD per tonne of tinplate produced)

- i. Tinplate production cost structure by:
 - Raw Materials
 - Energy & Reductants
 - Labor & Overheads
 - Capital Charges

1.2 Tinplate Production Cost in Detail

(Units and cost per tonne of tinplate produced)

- i. Capital Charges
 - Interest
 - Depreciation
- ii. Labor & Overheads
 - Direct labor cost
 - S.& G.A. cost
 - Refractories
 - Mill rolls
 - Among others
- iii. Energy & Reductants
 - Coking coal
 - BF coke - purchased
 - BF charcoal - purchased
 - Thermal energy
 - Among others
- iv. Raw Materials
 - Iron ore (lump/fine/pellets)
 - Scrap
 - Semis-purchased
 - Acid cost
 - Lubricants
 - Among many others

2. Cost analysis parting from Cold Rolled (Non integrated plants)

2.1 Tinplate Production Cost Summary (from CR coil; USD per tonne of tinplate produced)

- i. Tinplate production cost structure by:
 - Raw Materials
 - Energy & Reductants
 - Labor & Overheads
 - Capital Charges

2.2 Tinplate Production Cost in Detail (from CR coil; units and cost per tonne of tinplate produced)

- i. Fixed Capital Charges
 - Depreciation charge
 - Long-term interest
- ii. Working Capital Charges
 - Short-term interest rate
- iii. Labor & Overheads
 - Plant labor cost
 - S.& G.A. cost
 - Other main. supplies cost
 - Tax/insurance cost
- iv. Energy & Reductants
 - Gas cost
 - Steam cost
 - Heat recuperation credit
 - Power cost
- v. Raw Materials
 - CR coil cost (integrated/purchased)
 - Tin cost
 - Chrome cost
 - Acid cost
 - Among others

2.3 Tinplate Conversion Cost

(from 1 tonne of cold rolled coil to 1 tonne of tinplate)

- i. Breakdown by:
 - Cold rolled price
 - Conversion cost (operative/non-operative)

3. Plant Cost/Price Factors

- i. Local currency
- ii. Exchange rate

4. Technical characteristics of tinplate plant

- No. of passes -temper mill
- Yield
- Line speed
- Line time per CR coil
- Coil change time
- Average feed per hour
- Among many others



Contents (continued)

V. The report includes information of the following plants:

AHMSA: Monclova	NSSMC: Hirohata
Anshan: Anshan	NSSMC: Nagoya
ArcelorMittal Temirtau: Temirtau	Ohio Coatings: Yorkville
ArcelorMittal: Aviles-Verina	Perstima: Binh Duong
ArcelorMittal: Basse-Indre	Perstima: Pasir Gudang
ArcelorMittal: Etxebarri	SAIL: Rourkela
ArcelorMittal: Florange	Shanghai Meishan: Nanjing
ArcelorMittal: Hamilton	Shougang Jingtang: Caofeidian
ArcelorMittal: Liege	Siam Tinplate: Map Ta Phut
ArcelorMittal: Vanderbijlpark	Sidor: Puerto Ordaz
ArcelorMittal: Weirton	Tata Steel: Ijmuiden
Baosteel: Shanghai	Tata Steel: Jamshedpur
China CR + tinplate: typical small	Tata Steel: Llanelli
CSN: Volta R.	TCC Steel: Pohang
Dongbu Steel: Dangjin (Asan Bay)	Ternium Siderar: S-Nicolas
Dongbu Steel: Incheon	Thai Tinplate: Samut Prakan
Erdemir: Eregli	ThyssenKrupp Rasselstein: Andernach
GPT Steel: Gandhidham	Ton Yi: Tainan
HBIS Serbia: Sabac	Toyo Kohan: Kudamatsu
Ilva SpA: Genova	US Steel Kosice: Kosice
JFE - Kawasaki: Chiba	US Steel: Gary
JFE-NKK: Fukuyama	US Steel: Indiana Hbr.
Jiangyin Comat: Jiangyin	USS-POSCO: Pittsburg
Magnitogorsk: Magnitogorsk	WISCO-NSSMC: Wuhan
Mobarekeh Steel Co: Mobarakeh	Wuhan: Wuhan
Nippon Steel: Yawata/Tobata	

VI. Excel spreadsheet

The service also includes the data used in the report in excel format so that you can modify it and adapt it to your specific needs. The excel format allows you to easily compare the competitive position of any of the 51 tinplate plants, at all stages of the production process from raw materials to tinplate steel product.





Why Us?

HARBOR intelligence has proven to be a pioneer and leader in tinplate market analysis and information supplier. At HARBOR we have the commitment to offer a service with the highest standard, where our main interest is to provide our clients with unparalleled support to help them achieve optimal decision-making.



For prices and other subscription details:

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