

内外雜誌主要題目

工業雜誌 第六百四十四號(一月二十日)

鑄鋼と鍛鋼との抗張力試験成績に就て

小河原藤吉(八頁)

東北帝國大學理科報告(數學、物理學、化學)第七卷第三號
(十二月二十四日)

On the structure of iron-carbon-chromium alloys. by T. Murakami. 80. pp.

日本鑛業會誌 第四百七號(一月二十二日)

製鐵事業と保護關稅との關係

今泉嘉一郎(二十五頁)

平爐の排棄熱

クローム鐵鑛中のクローム酸檢定法

工業雜誌 第六百四十五號(二月五日)

軟鋼及硬鋼の伸張打撃及繰返し打撃試験

松村鶴造(六頁)

東京鋼材株式會社の事業

Reports on World's Ore resources. 3. pp.

Australian Iron and steel plant erected on American principles. 7. pp.

Copper company makes Ferroalloys. 2. pp.

Modern Barge line transports Ore. 2. pp.

The Iron Trade Review ; Vol. 63, No. 21.

(Nov. 21.)

How to make the best Silica brick.

by H. Le Chatelier and B. Bogitch. 4½. pp.

Using the upstairs in a Foundry.

by J. F. Ervin. 3. pp.

The Iron Trade Review ; Vol. 63, No. 22.

(Nov. 28.)

Scrap prices still settle. 1½. pp.

Cuba's Chrome and Manganese Ores. 2. pp.

The Iron Trade Review ; Vol. 63, No. 23. (Dec. 5.)

Blooming Mill now Rolling plates. 3½. pp.

How slay temperatures affect Firebrick.

by R. M. Howe. 2. pp.

How high grade Enameling is done.

by E. C. Reutzberg. 2. pp.

Operating electrically driven Steel mills.

by J. T. Sturtevant. 2. pp.

Comparing the corrosion of Alloys.

by R. B. Fehr. 3. pp.

The Iron Trade Review ; Vol. 63, No. 24. (Dec. 12.)

Hazards reduced in Steel industry. 5. pp.

How to save manganese and coke. 1½. pp.

Adds Electric unit to melting equipment. 2. pp.

The Blast Furnace and Steel Plant. Vol. 7, No. 1.

(Jan.)

Heating furnace progress during 1918 ;

by A. F. Mitchell. 2. pp.

- Electric Furnace improvements during 1918; by A. V. Farr. 5. pp.
- Year imposes severe tests on Refractories. by R. M. Howe. 2. pp.
- 1918 Blast Furnace development Reviewed. by F. H. Willcox. 2. pp.
- The year's Open hearth progress revived. by F. Crabtree. 2. pp.
- Electric Stal mill drivee developments. by B. Wiley. 3. pp.
- Modern 500 ton Brier Hill Blast furnace. 5. pp.
- New plate mills with modern Lay-out. 5. pp.
- Blast furnace Plant blows in First Stack. 7. pp.
- Heating and Preheating Forging furnaces. 3. pp.
- General Review of Steel Industry for 1918. by B. E. V. Luty. 4. pp.
- Heating furnaces and Annealing furnaces. by W. Trinks. 4. pp.
- Electric furnaces for Steel foundry work. by W. E. Moore. 2. pp.
- Metal Record and Electroplater: Vol. 4, No. 10.** (Nov.)
- Inspection of metallic electrode arc welds. by O. S. Escholz. 3. pp.
- Foundry: Vol. 47, No. 317.** (Jan.)
- How gear cases for tractors are molded. 4. pp.
- Wartime experience with women metal workers. 2. pp.
- Organizing a boundary to obtain sop production. by P. R. Ramp. 6. pp.
- Obtaining best results from use of chaplets. by E. Schwartz. 2. pp.
- Malleable iron in engineering construction. by H. A Schwartz. 6. pp.
- Converted plow plant makes efficient foundry. 8. pp.
- Continuous two-Story foundry proves economical. by J. F. Erwin. 3. pp.
- Removing foundry dust by electric precipitation. by H. D. Egbert. 4. pp.
- Bulletin of the American Institute of Mining Engineers: No. 145.** (Jan.)
- Microstructure of Iron deposited by Electric arc welding. by G. F. Comstock. 8. pp.
- Development of grain boundary in Heat-treated alloy steels. by R. S. Archer. 5. pp.
- Does Forging increase specific density of Steel? by H. E. Doerr. 3. pp.
- Engineering & Mining Journal: Vol. 106, No. 25.** (Dec. 21)
- Metallie-Electrode Arc Welding; by O. S. Escholz. 2½. pp.
- Engineering: Vol. 106, No. 2761.** (Nov. 29)
- The Wear of metals. 5. pp.

Engineering: Vol. 106: No. 2765. (Dec. 27)

Micro Metallography Illumination.

by H. M. Layers.

2. pp.

by E. F. Cone.

New Iron and Steel works construction.

3. pp.
8. pp.

Iron Age: Vol. 102, No. 26. (Dec. 26)

Unique features of an Illinois foundry.

by Ch. Lundberg.

5. pp.

Iron Age: Vol. 103, No. 3. (Jan. 16)

New Coke-fired German gas producer,

2. pp.

Specific density of Steel.

by H. E. Doerr.

1. p.

The Steel markets of the Pacific.

by Th. T. Read.

3. pp.

Electrically-heated Ovens.

2. pp.

Determination of oxygen in steel.

1. p.

Developments in the Rennerzelt furnace.

by H. A. de Fries and J. Hertenius.

2. pp.

The welding of iron and steel.

by W. H. Cathcart.

6. pp.

Iron Trade Review: Vol. 63, No. 25. (Dec. 19)

Valley company now rolls plates.

4. pp.

Stellite and high speed steel compared.

2. pp.

Continuous type annealing furnace.

by Ph. d'H Dressler.

2. pp.

Iron Age: Vol. 103, No. 1. (Jan. 2)

Metal, Tinsplate and sheet Prices for Twenty one years.

2. pp.

Tests in annealing malleable iron.

by H. E. Diller.

3. pp.

Phases of Iron and Steel metallurgy in 1918.

by J. H. Hall.

2. pp.

Iron Trade Review: Vol. 63, No. 26. (Dec. 26.)

Reheating as cure for rail fissures.

by G. F. Connstock.

6. pp.

Exceptional record of Mark plate mill.

by Ch. Lundberg.

4. pp.

Experts discuss big gun erosion.

2. pp.

A New departure in Rolling Mills.

Plate and structural mills at Fairfield, Ala.

3. pp.

Tests prove merit of cast-steel chain.

by W. L. Merrill.

2. pp.

Notable features of Lake Iron Ore Arade.

by D. E. Woodbridge.

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Selecting proper size mills rolls.

by F. Johnson.

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Iron and Steel Prices for 21 years.

Lukens plate mill is largest in the world.

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New record in furnace flux production.

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The status of the Electric Steel industry,

Iron Trade Review: Vol. 64, No. 1. (Jan. 2.)

4. pp.

Prospects for world trade in steel.

- by S. A. Benner. 3. pp.
- World's division of iron analyzed. 5. pp.
- by A. G. Hain.
- Steel capacity is 50,000,000 tons. 2. pp.
- by R. V. Sawhill.
- Pig iron market has abnormal year. 4. pp.
- By-product coke outstrips beehive. 2½. pp.
- Plate mills under great pressure. 3. pp.
- Ferro-alloys production stimulated. 2. pp.
- Iron Trade Review: Vol. 64, No. 2.** (Jan. 9) 2. pp.
- How to test pyrometer efficiency. 2. pp.
- Iron Trade Review: Vol. 64, No. 3.** (Jan 16) 6. pp.
- Iron are district wins War honors.
- Making Electric steel for Ball bearings. 5. pp.
- by A. V. Farr.
- Iron & Coal Trades Review: Vol. 97, No. 2648.** (Nov. 29)
- Coke oven practice at Staveley. 1. p.
- Blast-furnace Slag in Concrete and reinforced Concrete. 3. pp.
- by J. E. Stead.
- The Pig-iron and Steel output. 1. p.
- Iron & Coal Trades Review: Vol. 97, No. 2649.** (Dec. 6.)
- The Future of France as an Iron and Steel producing country. 1. p.
- Seasoned Silica brick from roof of a Basic Open-Hearth
- Furnace after 135 charges. 1½. pp.
- by C. S. Graham.
- The Blast-furnace as a Gas producer. ½. p.
- Iron and Steel Prices. 2. pp.
- Operating characteristics of an Electric Reversing Blooming Mill. 1. p.
- Iron and Coal Trades Review: Vol. 97, No. 2652.** (Dec. 27)
- Electric furnace developments. 4. pp.
- by J. Bibby.
- Transverse fissured Rails. 1. p.
- by G. F. Comstock.
- Metal Industry: Vol. 13, No. 24.** (Dec. 13)
- Military applications of electroplating: American methods. by W. Blunn. 2. pp.
- Injuries from molten metal. 2. pp.
- by Ch. C. Sherlock.
- Black finishes on Iron and Steel. 2. pp.
- by E. S. Whittier.
- Metal Industry: Vol. 13, No. 26.** (Dec. 27)
- Metal Cutting with the Electric Arc. 1. p.
- by G. Kearney.