

Brazil

Gerdau Aços Especiais SA (continued)

Works

■ Gerdau Aços Especiais Piratini, Charqueadas, RS, Brazil. **Steelmaking plant** - electric arc furnace. **Refining plant** - ladle furnace vacuum degassing VOD (VD). **Continuous casting machines** - billet caster bloom caster (Bloom with mould and final electromagnetic stirrers; ingot casters. Product Dimensions: 150, 180 and 240 mm sq). **Rolling mills** - blooming mill (60-tonnes/hour walking beam reheat furnace. Mill Dimensions: 800mm dia); bar mill (No & Type of Stands: Comprising two 3-high M&N/GKN intermediate stands (600mm), two horizontal/vertical Danieli finishing stands (650mm) and 3-stand horizontal/vertical Danieli reducing and sizing mill with cooling bed (24 x 18 metres)); wire rod mill (No & Type of Stands: Comprising 40-tonnes/hour walking beam reheat furnace, one M&N/GKN 3-high rougher mill (600mm), 9-stand horizontal/vertical Danieli intermediate mill, 5-stand horizontal/vertical Danieli finishing mill (360mm), reducing & sizing mill with 5-stand Koc). **Bright Bar Plant** with cold drawing, peeling and grinding. **Surface Finishing Equipment** Polishing. **Other Plant** Open die forging shop with hydraulic press and three hammers; ingot casting.

Products Carbon Steel - wire rod, round bars, square bars, flats, bright (cold finished) bars; **Stainless Steel** - billets, wire rod, round bars, square bars, bright (cold finished) bars; **Alloy Steel (Other Than Stainless)** - wire rod, round bars, square bars; **Engineering Steel; Tool Steel**

Certifications/accreditations awarded ISO 14001; ISO 9001; ISO/TS 16949.

Gerdau Aços Longos SA

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Management Fladimir Batista Lopes Gauto (Executive Director, Procurement & Logistics); Heitor L. Beninca Bergamini (Director, Metallics); José Falcão Filho (Director, Metallics); José Walnei G. de Almeida (Director, Direct Sales); Julio Carlos Lhamby Prato (Executive Director, Industrial Plants); Paulo Ricardo Tomazelli (Commercial Director); Daniel Antonio M. de Mesquita (Director, Engineering); Lucila Ribeiro Cestariolo (Communications Manager). **Year established** 1901. **Ownership** Gerdau SA, Brazil (100.00%).

Works

- Gerdau Riograndense, Avenida Borges de Medeiros 650, Sapucaia do Sul, RS, 93212-110, Brazil (Tel: +55 51 3450 7500. Fax: +55 51 3450 7500). **Steelmaking plant** - electric arc furnace. **Refining plant** - ladle furnace. **Continuous casting machines** - billet caster. **Rolling mills** - bar mill (for rebars, squares, flats). **Other Plant** hot-dip wire galvanizing line.
- Gerdau Guaira, Rodovia PR-423, Km 24.5, Araucaria, PR, 83705-000, Brazil (Tel: +55 41 3641 3488. Fax: +55 41 3641 3301. email: guaira@gerdau.com.br). **Steelmaking plant** - electric arc furnace. **Refining plant** - ladle furnace. **Continuous casting machines** - billet caster.
- Rua Mato Grosso 800, Vila Guaira, Curitiba, PR, 80610-110 (Tel: +55 41 3641 3636. Fax: +55 41 3641 3645. email: guaira@gerdau.com.br). **Rolling mills** - bar mill (for rebars).
- Gerdau Cosigua, Avenida Joao XXIII 6777, Distrito Industrial de Santa Cruz, Rio de Janeiro, RJ, 23560-900, Brazil (Tel: +55 21 2414 6000. Fax: +55 21 2414 6243. email: cosigua@gerdau.com.br). **Steelmaking plant** - electric arc furnace. **Refining plant** - ladle furnace. **Continuous casting machines** - billet caster (No. of Strands: Comprising one 5-strand and one 6-strand). **Rolling mills** - medium section mill light section mill bar mill (for rebar); wire rod mill (Morgan blocks and controlled cooling system). **Coil Coating lines** - hot-dip galvanising line. **Other Plant** Wire strand machines, nail and staple making equipment.
- Gerdau Barao de Cocais, Avenida Getulio Vargas 1555, Vila Operaria, Barao de Cocais, MG, 35970-000, Brazil (Tel: +55 313 837 8100. Fax: +55 313 837 8223. email: baraoococais@gerdau.com.br). **Blast Furnaces** Inner

Volume: 215 cu metres and 289 cu metres. No. of Furnaces: Two. **Steelmaking plant** - basic oxygen furnace. **Refining plant** - ladle furnace. **Continuous casting machines** - billet caster. **Rolling mills** - medium section mill bar mill (for rebar, rounds, squares, flats, angles, channels and tees).

- Gerdau Divinopolis, Avenida Gabriel Passos 102, Porto Velho, Divinopolis, MG, 35500-450, Brazil (Tel: +55 373 229 1500. Fax: +55 373 229 1800. email: divinopolis@gerdau.com.br). **Blast Furnaces** Inner Volume: One 110 cu metres, one 192 cu metres and one 125 cu metres. No. of Furnaces: Three. **Steelmaking plant** (eOF (energy optimising furnace)). **Refining plant** - ladle furnace. **Continuous casting machines** - billet caster. **Rolling mills** - bar mill (producing rebars, merchant bars, flat, square and round bars).
- Gerdau Aconorte, Rodovia BR-232, Km 12.7, Distrito Industrial de Curado, Recife, PE, 50950-000, Brazil (Tel: +55 81 3452 7311. Fax: +55 81 3452 7333. email: aconorte@gerdau.com.br). **Steelmaking plant** - electric arc furnace. **Refining plant** - ladle furnace. **Continuous casting machines** - billet caster. **Rolling mills** - bar mill wire rod mill (Also hot-dip wire galvanizing lines). **Other Plant** Drawing machines, annealing furnaces, barbed wire and nail and staple machines. Wire mesh factory with drawing machines and wire weld mesh machines.
- Gerdau Cearense, Avenida Parque Oeste 1400, Distrito Industrial, Maracanaú, CE, 61900-000, Brazil (Tel: +55 85 3499 7200. Fax: +55 85 3499 7283. email: cearense@gerdau.com.br). **Steelmaking plant** - electric arc furnace. **Continuous casting machines** - billet caster. **Rolling mills** - bar mill (for flat, square, reinforcing bars and equal-sided angles).
- Gerdau Usiba, Rodovia BR 324 km 16, Centro Industrial de Aratu, Simoes Filho, BA, 43700-000, Brazil (Tel: +55 71 3301 1311/1111. Fax: +55 71 3301 1128. email: usiba@gerdau.com.br). **DRI Plant** HYL III. **Steelmaking plant** - electric arc furnace. **Refining plant** - ladle furnace. **Continuous casting machines** - billet caster. **Rolling mills** - bar mill (for reinforcing bar); wire rod mill (Controlled cooling facilities).
- Gerdau Sao Paulo, Rodovia Pres. Castelo Branco, Km 52, Ronda, Araciguama, SP, 18147-000, Brazil (Tel: +55 11 4204 6000. Fax: +55 11 4204 6020. email: saopaulo@gerdau.com.br). **Steelmaking plant** - electric arc furnace. **Rolling mills** - bar mill (for reinforcing bars).

Products Carbon Steel - billets, wire rod, reinforcing bars, round bars, square bars, flats, hexagons, light angles, light tees, light channels, special sections (light), light rails, bright wire, black annealed wire, plain galvanized wire, galvanized barbed wire

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Management Jorge Gerdau Johannpeter (Chairman); André B. Gerdau Johannpeter (Chief Executive Officer & President of Gerdau Executive Committee); Claudio Gerdau Johannpeter (Chief Operating Officer); Alfredo Huallem (Executive Vice President, Long Steel Brazil Business Operation); Osvaldo Burgos Schirmer (Executive Vice President, Finance, Auditing & Investor Relations); André Araujo Hofmeister (Director, Planning & Business Development); Dirceu Tarcisio Togni (Director, Industry & Engineering); Harley Lorentz Scardoelli (Director, Finance); Paulo Perlot Ramos (Director, Marketing, Sales & Procurement); Renato Gasparetto Junior (Director, Corporate Communications & Public Affairs); Tadeu Pettele (Director, Procurement); Fladimir Batista Lopes Gauto (Executive Director, Procurement & Logistics, Brazil Business Operations, Long Steel); Francisco Baliari Espinosa (Procurement Manager); Mario Augusto Luz Martins (Procurement Executive); Luiz Augusto Polacchini (Director, Procurement & Logistics, Brazil Business Operations, Long Steel); Paulo Ricardo Tomazelli (Commercial Director, Brazil Business Operations, Long Steel); Renato Silva Bernardes (Marketing Director, Civil Construction, Brazil Business Operation, Long Steel); Gregorio