



Hot Rolling of Round Bars & Wire



Commentry, France

Key Features

- **Entry dimensions:**
 - Round billets
 - Diameter: 90 - 105 mm
 - Length: 3 - 6.5m
- **Exit dimensions:**
 - Diameter currently rolled (possibility for adjustment):

Wire	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5
	17.0	18.0	18.8	19.7	20.3	21.2	22.2	23.3	24.4	25.0	

Bar	15.0	15.5	16.0	16.5	17.0	20.3	18.0	18.8	19.7	21.2	22.2	23.3	24.0	26.0	27.0	28.0
	29.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	45.0	46.0	48.0	50.0	54.0	58.0	62.0	

- Precision on round section diameter: 0.2 mm
- Wire rod coil, inner diameter: 900 - 1000 mm
- **Materials:** High speed steel, tool steel, stainless steel, super alloys etc.
- Possibility to add customer capacity need weekly in our production plan
- Production planning system allowing reserved capacity for key customers
- Process and R&D teams available to help developing your rolled products
- Low rolling speeds, well suited for demanding grades
- Atmosphere controlled induction furnace for fast billet heating to prevent oxidation and decarburisation

Facilities

- Bar and wire mill with work roll diameters: 550 – 300 mm
- Equipped with induction heating furnace and in-line stabilizing furnace
- Rolling Speed
 - 2 - 15 m/s depending on the diameter
- **Certifications:** ISO 9001:2000 and ISO 14001



Bar and wire mill

Contact

Hugues Hartenstein Tel: +33 (0)4 70 28 99 33 E-mail: hugues.hartenstein@eramet-erasteel.com	Raphaël Baret Tel : +33 (0)4 70 28 78 13 / +33 (0)6 79 05 02 75 E-mail: raphael.baret@eramet-erasteel.com
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Packaging

- Bundles for hot rolled bars
- Tag or ink jet marking and rust protective oil sprayed on peeled bars
- Bundles or wooden boxes with antirust paper and 2 disposable slings for drawn and ground bars
- Max. load 1000kg
- Bundles with 3 - 4 coils fastened with metallic straps for the wire rod

Additional equipment

- Finishing
 - Annealing furnaces with N₂ or carburizing protective atmosphere
 - As-rolled, peeled and ground depending on diameters
- For as-rolled diameters from 71 - 125 mm, a 3 high cogging mill is also available with its dedicated annealing, straightening, peeling and inspection equipments
- Cutting saw
 - Cutting of bars with diameter: 15 - 62 mm
 - Cutting precision: 50 mm on the length