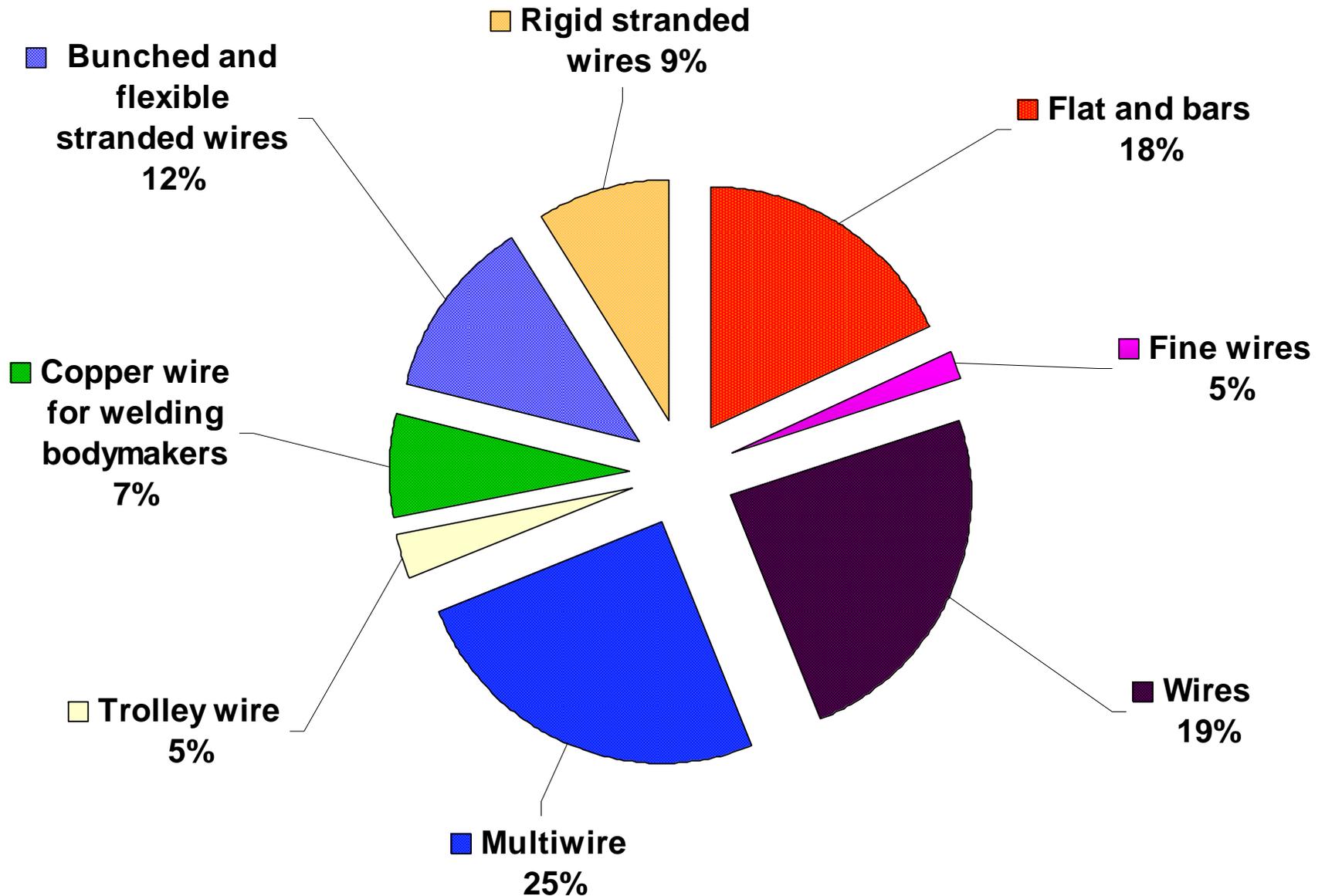


Products' range





Copper Flat Coils



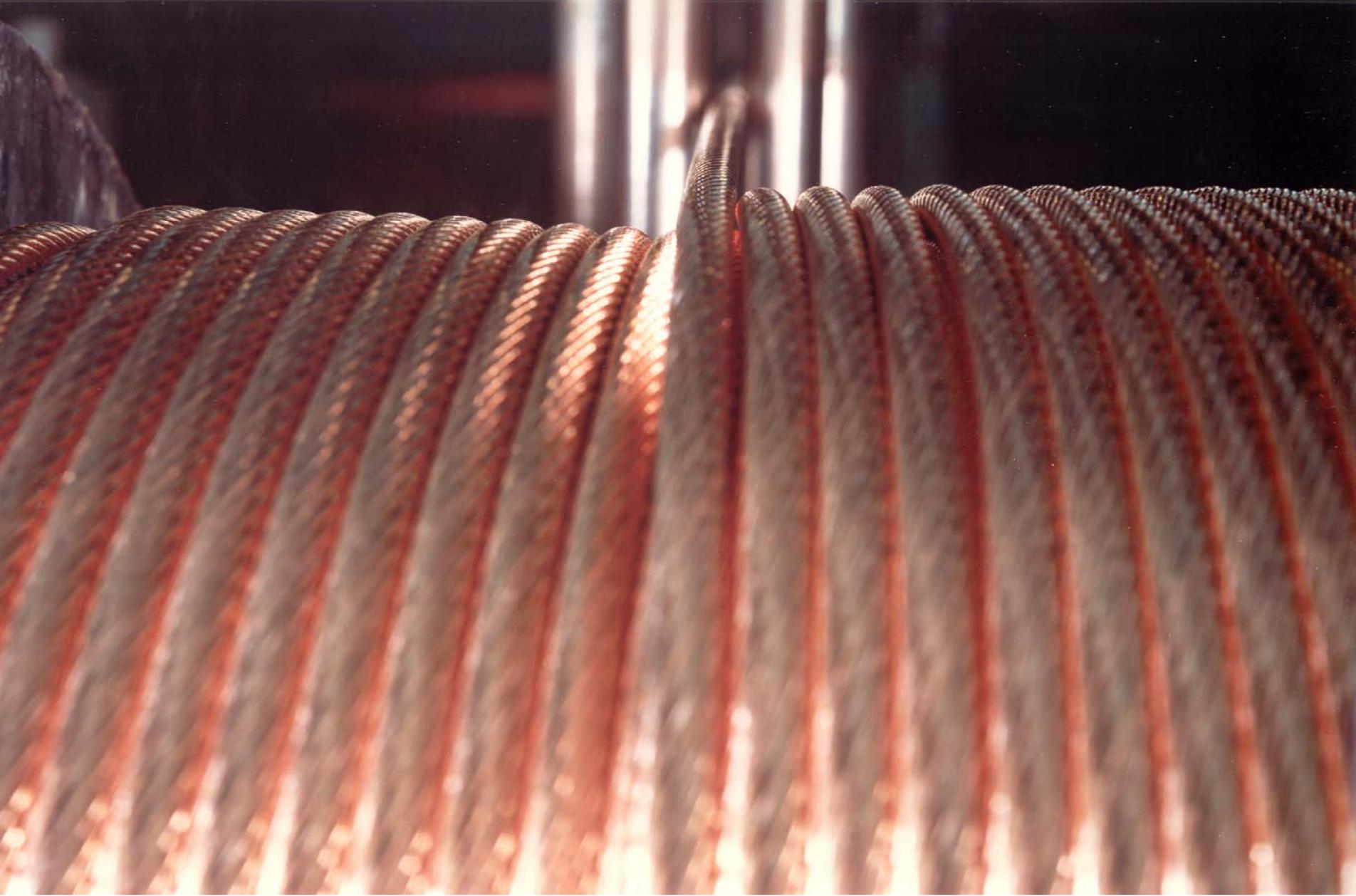
Bars
products'
range



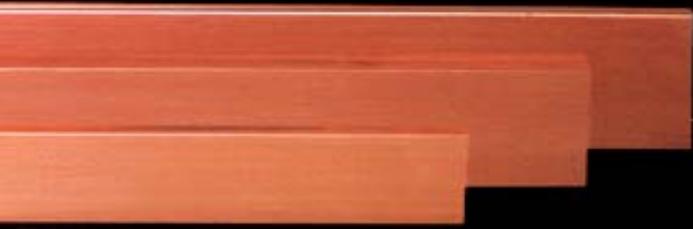
Tinned bunched wire



Rigid stranded wires



Ropes



Copper strips in bars and in rolls



Grooved contact wire for overhead power transmission (trolley)



Red and tinned copper strands, rigid and flexible



Red and tinned copper wire



Red and tinned copper multiwire

Other Products' applications



The

Site

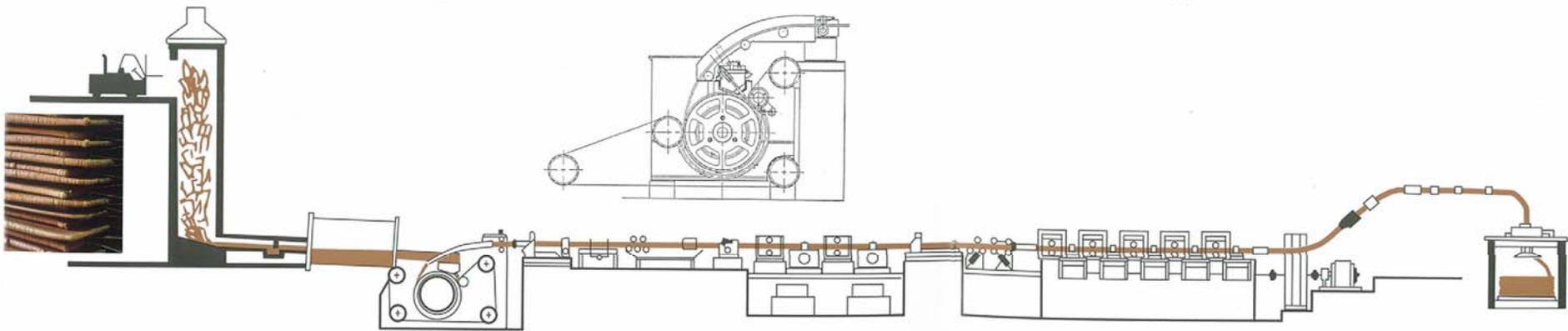
Located: Pizzighettone (Cremona)

Work force: 120

The area: 100,000 sqm

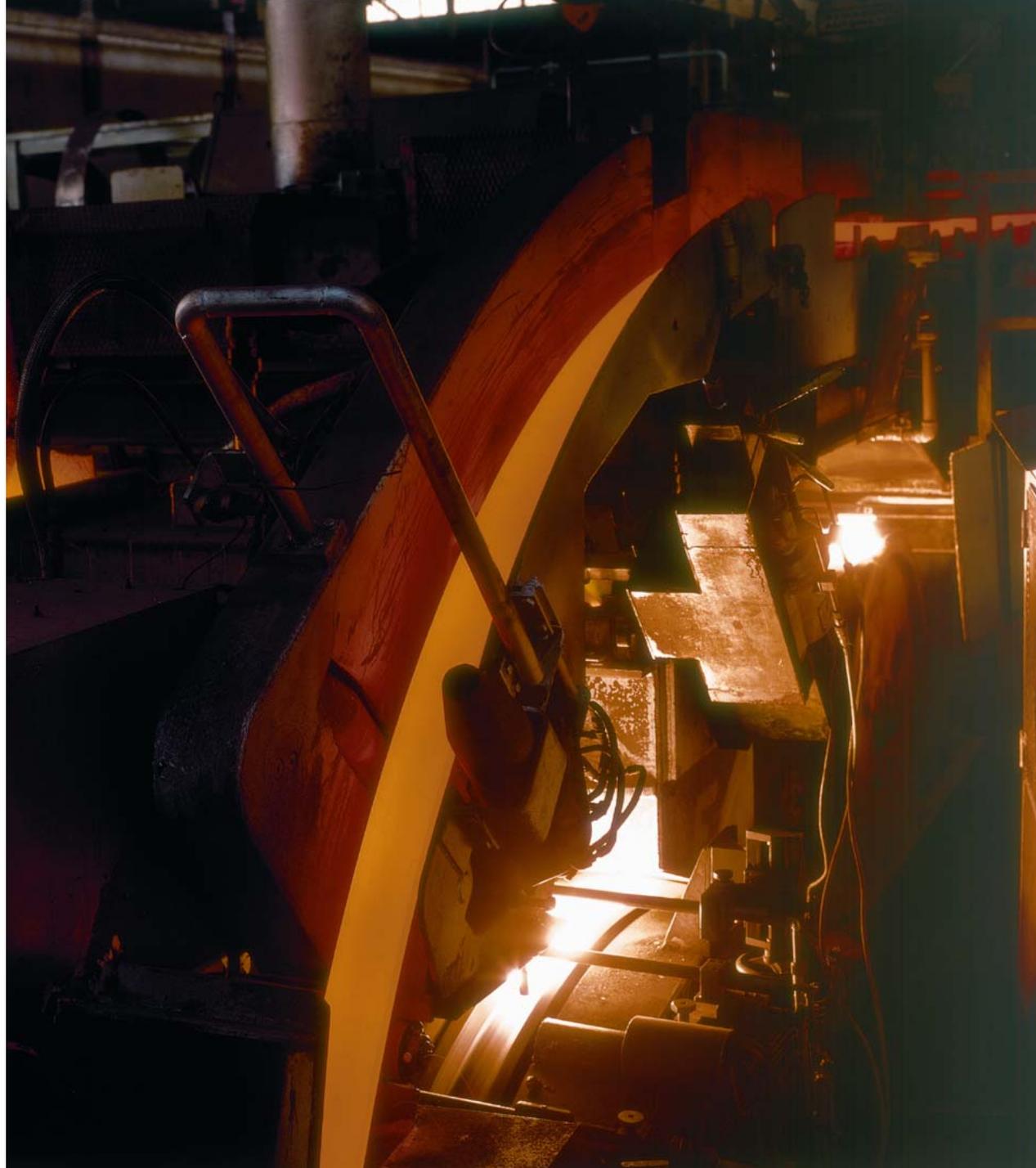
Production capacity: 230,000 mt/year

Continuous casting



Southwire technology

Casting wheel



Copper rod



Copper rod specifications

Gamma di produzione / Production range

 Vergella Rod	Materiale* Material	Tolleranze Tolerances	Dimensioni standard [mm] Standard dimensions [mm]
	Cu ETP1 Cu-Ag 0.05 Cu-Ag 0.10	$8 \leq \Phi \leq 18$ $\pm 0.4 \text{ mm}$ $\Phi > 18$ $\pm 0.6 \text{ mm}$	8 - 10 - 12 - 14 - 18 - 20 - 21.6 - 23 - 25

Caratteristiche elettriche e meccaniche / Electrical and mechanical properties

	Resistività Resistivity ρ [W/mm ² · m]	Conducibilità Conductivity [IACS]	Allungamento Elongation [%]	Carico di rottura UTS [Mpa]
Cu ETP1	≤ 0.01707	≥ 101 %	≥ 40	210 - 260
Cu-Ag 0.05 Cu-Ag 0.10	≤ 0.01724	≥ 100 %	≥ 40	210 - 260

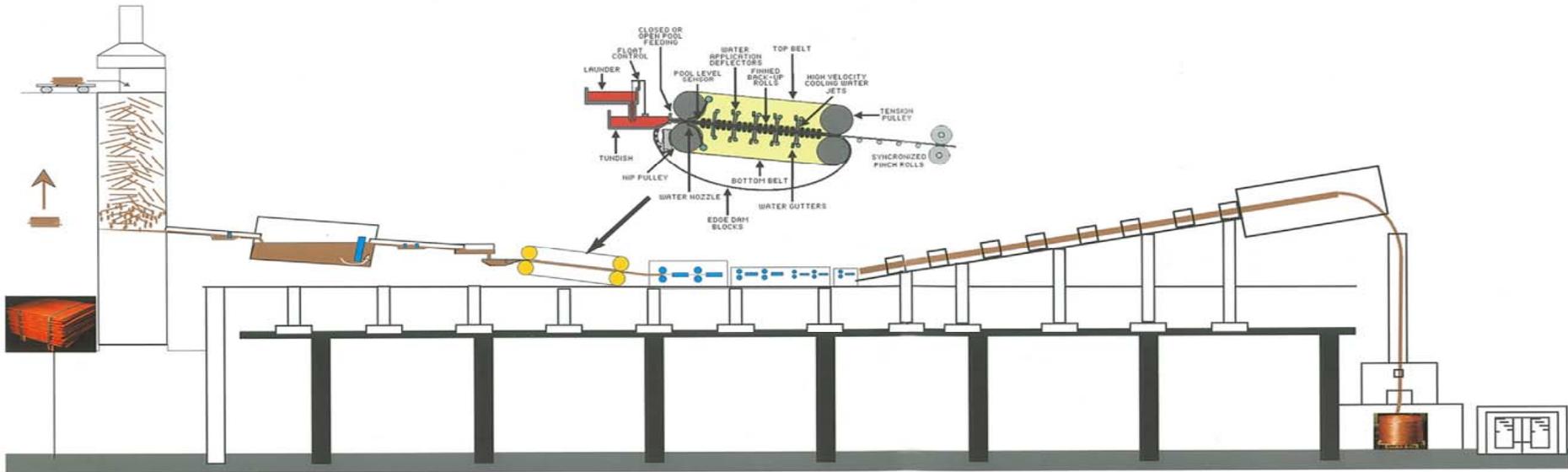
Located: Pisa

Work force: 65

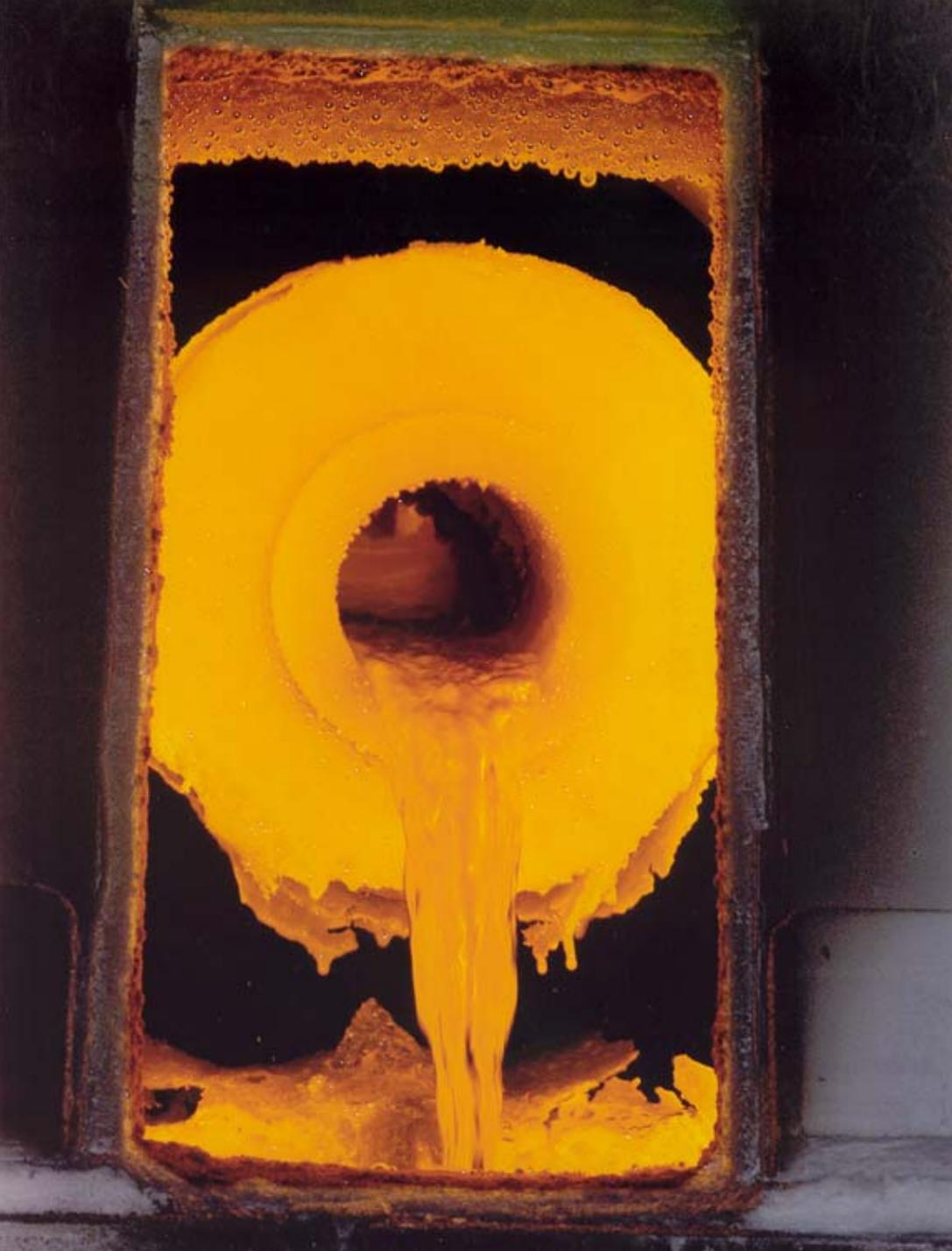
The area: 25,000 sqm

Production capacity: 230,000 mt/year

Continuous casting

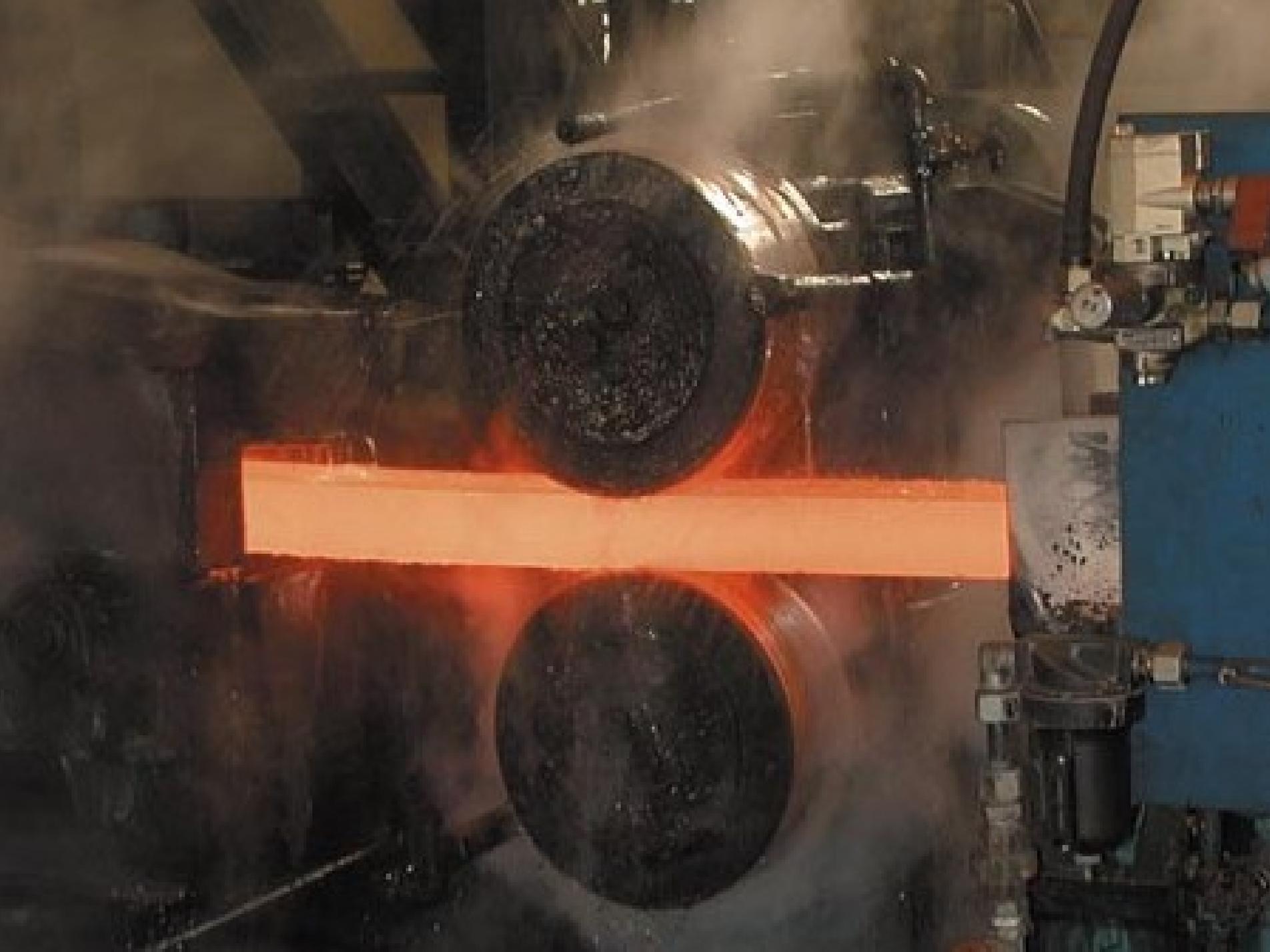


Contiroad technology



Copper casting











Warehouse

Copper rod specifications

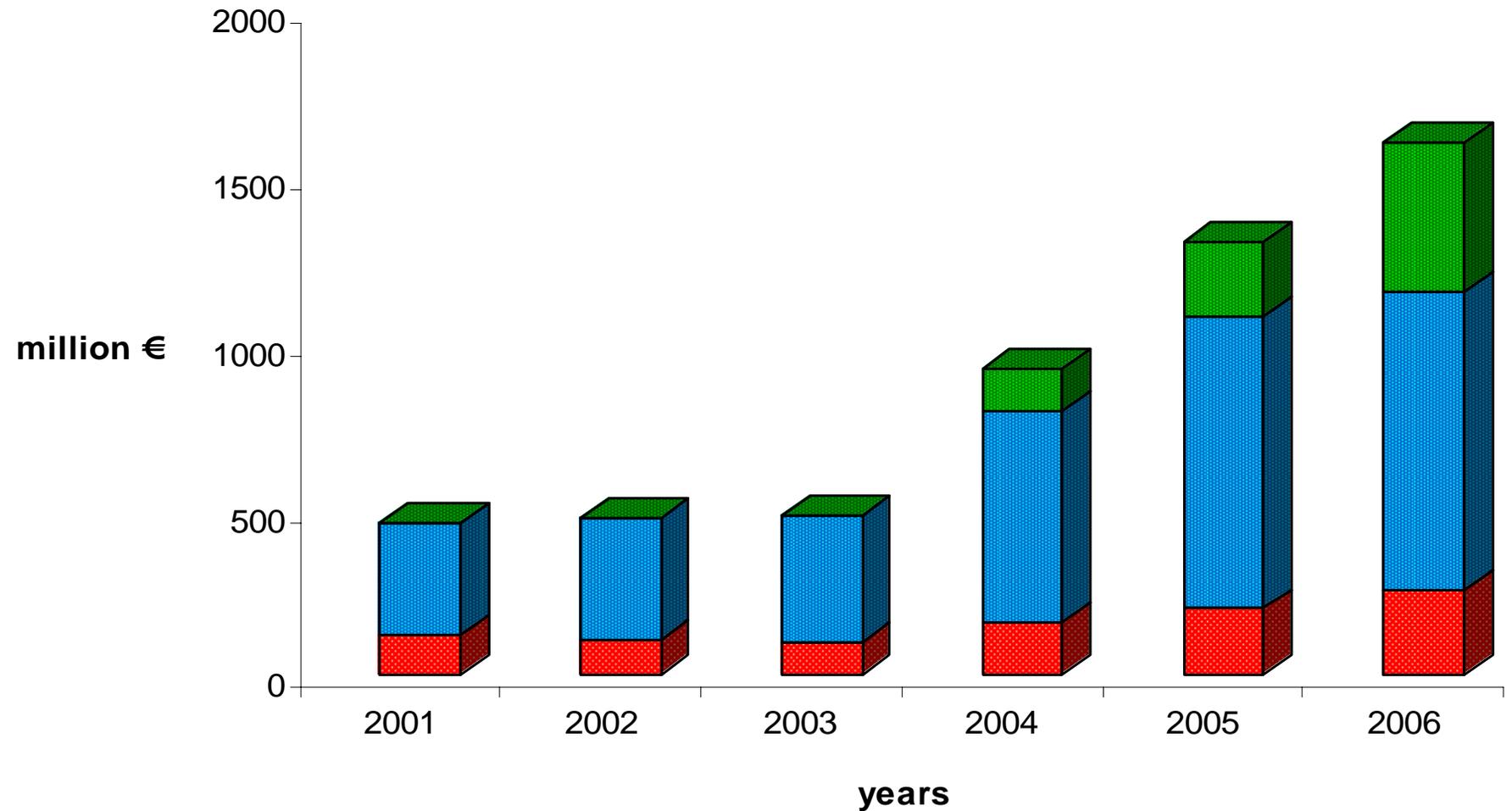
Gamma di produzione / Production range

	Materiale* Material	Tolleranze Tolerance	Dimensioni standard [mm] Standard dimensions [mm]
Vergella Rod	Cu ETP1	$8 \leq \Phi \leq 18$ $\pm 0,4 \text{ mm}$ $\Phi > 18$ $\pm 0,6 \text{ mm}$	8 - 10 - 12 - 14 - 18 - 20 - 21,6 - 23 - 25

Caratteristiche elettriche e meccaniche / Electrical and mechanical properties

	Resistività Resisivity ρ [$\Omega/\text{mm}^2 \cdot \text{m}$]	Conducibilità Conductivity [IACS]	Allungamento Elongation [%]	Carico di rottura Tensile strenght [Mpa]
Cu ETP1	$\leq 0,01707$	$\geq 101 \%$	≥ 40	210 - 260

Turnovers



■ Carlo Colombo

■ Colata Continua Italiana

■ Colata Continua Pisana