



## SBQ MILLS

Rolling mill suitable to produce plain round bars with virtually unlimited number of diameter references customer length references and steel grade references in a single rolling mill.

Sarralle SBQ rolling mills have been developed with special attention to solutions avoiding scratches in the surface of the bars, to reach the highest quality standar.

The sizing mill can be of 2 rolls or 3 rolls type. With the combination of process know how, temperature control and highest machine quality, the mill can produce rounds with size tolerance of 1/8 DIN.

In-line treatments reduces the cost of transformation of the final products. The thermomechanical rolling together with in- line annealing solutions, enhances the competitiveness of our customers.

Automated size and configuration changes keep the consistency of the product quality and reliability of the process. The high output of the mil is obtained thanks to the automatic configuration changes.

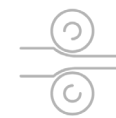


## WIRE ROD MILLS

Rolling mill suitable to produce rounds of 4.5 to 27 mm diameter wire rod bars in coil. The wire rod line, can be attached to a bar mill.

Sarralle ultra-high-speed wire rod lines are designed to reach production speeds of over 125 m/s with strict size tolerances. Coil sizes can be up to 3 tons. Featuring the latest state of the art Finishing Block, our wire rod high capacity plant provide a reliable productivity with the best quality product.

The combination between processes knowledge and equipment quality, results in a better product quality and output capacity, improving material yield and plant efficiency, resulting in substantial savings in OPEX terms.



## TECHNOLOGICAL PACKAGES BAR AND WIRE ROD

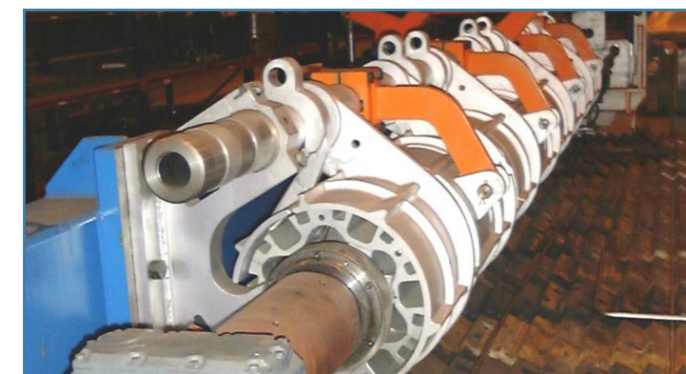


The **SARRALLE HIGH SPEED BLOCK** can be used in wire rod mills and high speed bar mills. Is designed in 90° V type arrangement. Designed for ultra high speed solutions, can be configured with 4, 6, 8 or 10 passes.



### COOLING WATER BOX

SARTHERM in-line quenching and self tempering and temperature control to improve material quality and scale formation.



### HIG SPEED DELIVERY DRUM

SAR DRUM designed to increase the productivity of single strand bars produced in the cooling bed, allows to brake the bar in the shortest possible cycle time.



Multistrand straightening machine



### ENDLESS ROLLING MACHINE

With the SARRALLE WELDER, By welding the billets to each other, the process becomes endless in the Rolling mil until the dividing shear. Increase of coil size, increase the yield and productivity.