



EVO BLOOMING MILL FORGING-LIKE ROLLING

Used in several demanding applications (eg. automotive) Special Bar Quality (SBQ) steels have stringent requirements. As an effective alternative to traditional ingot casting, the EVO Blooming makes the forging-like rolling also economically attractive, with a reduction of investment and transformation costs. In a compact layout, productivity is increased and metallic yield improved.

FIELD OF APPLICATION

Rolling mills for long products

MAIN BENEFITS

- forging-like rolling is an alternative to ingot casting
- compact layout and smaller CAPEX
- high productivity
- best solution for automotive steels
- reduction of total transformation cost
- fully automated control
- easy changes and maintenance
- AC independent drives for energy savings



MAIN FEATURES

The EVO Blooming applies a forging-like rolling by appropriately combining the rolling draft, the roll diameter and rolling speed. The voids generated at the center during continuous casting can be effectively closed, and the precise control of mechanical characteristics and metallurgy structures is guaranteed. Hydraulic capsules are employed for precise rolling line adjustment, and to assist the roll and chock change operations. The operation is controlled by full automation.

TECHNICAL DATA

Max roll barrel length	2,600 mm
Max roll diameter	1,200 mm

LONG LIFE AND EASY MAINTENANCE

The housing design of EVO blooming is engineered for full automatic operation and easy maintenance. Wear components are designed for extended lifetime and quick replacement. EVO blooming mills are available in both fixed and sliding configurations.

REFERENCES (BLOOMING)

- Acciaierie Venete, Italy
- Hyundai, South Korea
- ARBZ, Kazakhstan
- CEMTAS, Turkey
- Dong Bei, China
- Posco, South Korea