Used in several demanding applications (e.g., 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

EVO BLOOMING MILL
FORGING-LIKE ROLLING

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**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max roll barrel length</td>
<td>2,600 mm</td>
</tr>
<tr>
<td>Max roll diameter</td>
<td>1,200 mm</td>
</tr>
</tbody>
</table>

**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

The information (including, e.g., figures and numbers) provided in this document contains merely general descriptions or characteristics of performance based on estimates and assumptions which have not been verified. It is no representation, does not constitute and/or evidence a contract or an offer to enter into a contract to any extent and is not binding upon the parties. Any obligation to provide and/or demonstrate respective characteristics shall only exist if expressly agreed in the terms of the contract. These estimates and assumptions have to be analyzed on a case-to-case basis and might change as a result of further product development.

Primetals Technologies excludes any liability whatsoever under or in connection with any provided information, estimates and assumptions. The provided information, estimates and assumptions shall be without prejudice to any possible future offer and/or contract. Any use of information provided by Primetals Technologies to the recipient shall be subject to applicable confidentiality obligations and for the own convenience of and of the sole risk of the recipient. Primetals is a trademark of Primetals Technologies Ltd.