

VACUUM HEAT TREATMENTS

Advanced Technologies

PROCESS

Eurolls has more than ten year experience in the heat treatment field, with a sophisticated, fully automatic vacuum hardening and tempering furnace line. We currently use this State of The Art Heat Treatment facility in the roll production process.

Different quality tests are perform with our internal metallurgical laboratory, regarding chemical verification, microstructures, hardness testing, no-destructive test, mechanical testing etc.

Heat treatments performed in vacuum line:

- **Soft annealing**
- **Normalization**
- **Vacuum hardening and tempering**



Eurolls S.p.a.

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TECHNICAL DATA

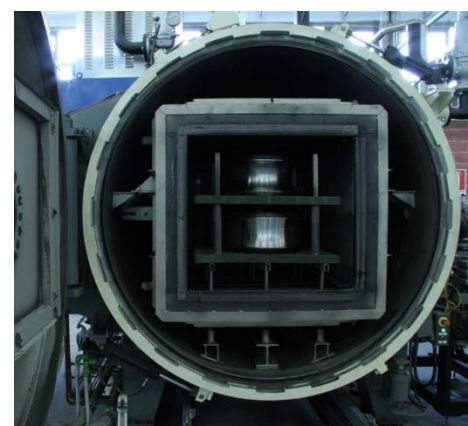
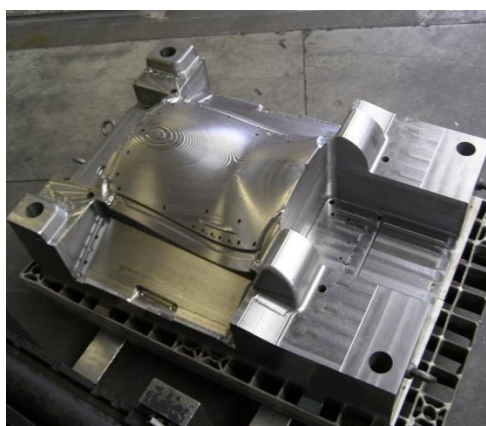
Charge max dimension: 900mm x 1400mm x h600mm

Max weight: 2000kg

Materials treated: cold and hot tool steel, special steel, high speed steel, pm steel.

For each charge are available certificates of Eurolls thermal cycle, hardness test, chemical and micrographic test.

Pictures:



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