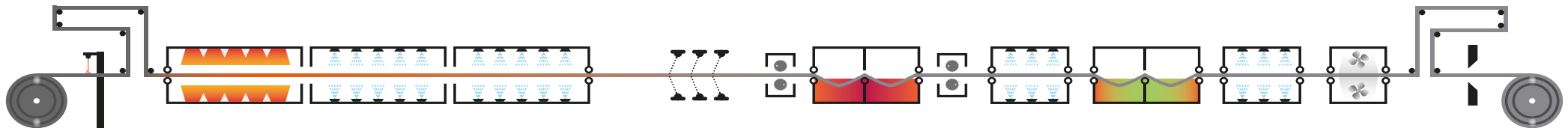


# Manufacturing process

## Stage 3 - first annealing and pickling

This stage recovers the **mechanical properties** of our stainless steels. It also produces coils with an **HRAP finish**, and a **minimum thickness of 1.2 mm and maximum 13 mm**. These coils are sold for applications with minimal aesthetic requirement, such as industrial applications.



Black coils are heated in the **annealing furnace**.

This step recovers the mechanical properties of our stainless steels.

The oxides on the surface are broken down by **shot blasting**.

The **pickling process**, which takes place in acid baths, is followed by water cleaning and air drying.

This results in white coils with no surface oxide, also known as the **HRAP finish**.

At this point, the white HRAP coils can be sold without cold rolling or further surface finishing.

### Information

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