



Steel Industry

Hot rolling mills





Hot rolling mills

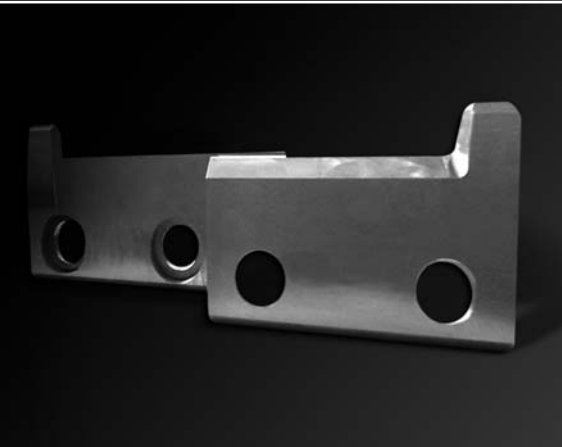
Hot Rolling Mills are areas where the knives have to work under tough conditions of high temperatures, thermal shocks, scale, corrosion and erosion, and high impact loads.

A knife failure causes mill down time with all its consequences.

Angelo Romani custom engineered knives will reduce knife failures to a minimum.

Angelo Romani straight knives for Hot Rolling Mill applications are manufactured in a modern, efficient production facility, using industries highest standard of equipment, operated by dedicated experienced staff.

The materials used for these knives varies from standard Hot Work Tool Steel, to Special Alloy Tool Steel and High Nickel Steel, for permanent exposure to hot strips.



Hot strip mills

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|-----------------------------------|--------------------------------------------------------------------------------|
| Pendulum Shear | High Nickel Alloys or conventional Hot Work Tool Steel Shear Knives |
| Rotary Drum Shear | Straight Crop Shear Knives; Curved Crop Shear Knives with or without Vector |
| High Speed Exit Drum Shear | Extra Tight Tolerance Shear Knives |

Hot plate mills

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| Rotary Drum Shear | Hot Work Tool Steel Crop Shear Knives |
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Steckel Mills

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| Rotary Drum Shear | Hot Work Tool Steel Crop Shear Knives |
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Long Product Mills

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| Billet Shear | Hot Work Tool Steel Billet Knives |
| Rotary Drum Shear | High Nickel Alloy or Hot Work Tool Steel Shear Knives |
| Flying Shear | Hot Work Tool Steel Crop Shear Knives |
| Emergency Shear | Hot Work Tool Steel Cobble Shear Knives |
| Structural Shear | Hot Work Tool Steel Profile Shear Knives |



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