



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

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

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

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

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



Registered Office

Via Po 41
20015 Parabiago (MI) Italy
info@romani.it
www.romani.it

Headquarter

Via Pinzano 5 33078
S.Vito al Tagliamento (PN) Italy
Tel. +39 0434.845211
Fax +39 0434.85277

OTHER UNITS

Production Unit Pero

Via Sempione 249 - 20016 Pero (MI) Italy - Tel. +39 02.3394131 - Fax +39 02.3580850

Production Unit Nerviano

Via Dei Boschi 39 - 20014 Nerviano (MI) Italy - Tel. +39 0331.585457 - Fax +39 0331.584392