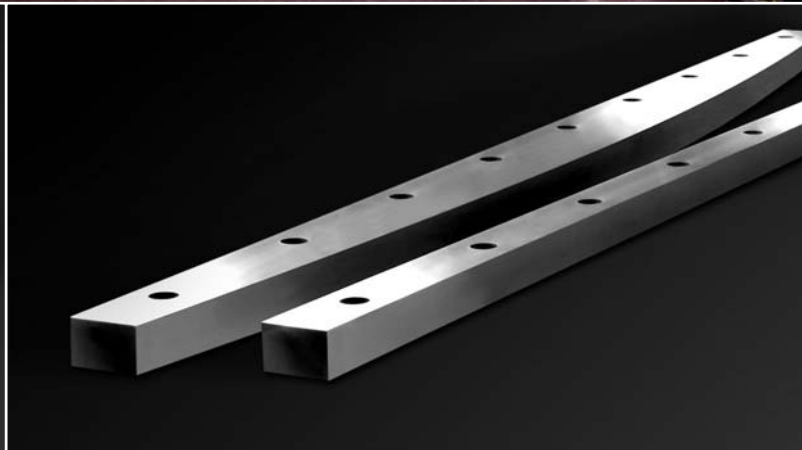
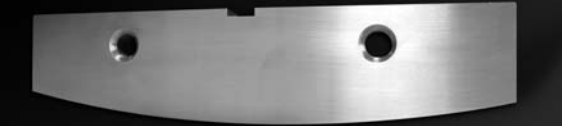
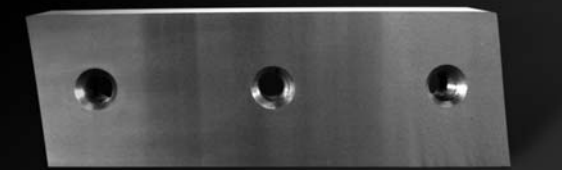
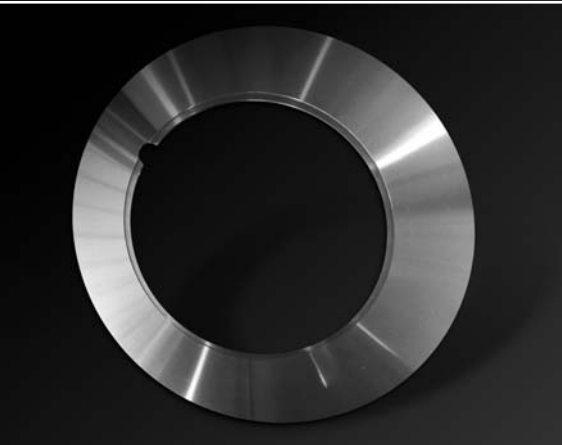




# Steel Industry

Plate processing  
lines





## Plate processing lines

The plate processing lines are most times in a heavy rough environment.

Cold shearing of thick steel plates, even with high tensile strengths, requires perfect quality of shears and knives. Extreme high impact loads need to be absorbed, rough scaled surfaces need to be cut, temperature and hardness fluctuations needs to be taken in account.

Failure of a knife results in costly mill down time. Exchanging heavy weight knives is time consuming, despite the frequently use of cassettes.

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

The materials Angelo Romani is using for these knives varies from standard tool steel to shock resistant high alloy tool steel, and high hardness special load absorbing steel.

The ultra modern furnaces allows us to handle industries largest knives in house, providing the ultimate consistent structure, hardness and mechanical properties.

## Shearing Lines

### Side Trimming Lines

**Rotary Side Trimmer Knives** Up to 1.650 mm diameter, with a wide range of grades and finishes.

**Double Side Shear Knives** Straight Knives with and without radius.

### Dividing Shear Lines

**Dividing Shear Knives** Straight Knives with and without radius.

### Cut To Length Lines

**Cut To Length Knives** Straight and Curved Knives, multi part or single part, up to industries longest length.

### Scrap Chopper Lines

**Scrap Chopper Knives** Straight Knives with and without radius; Static Knives, Rotating Drum Knives.



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