



SCR SYSTEMS SALES



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SCR
COPPER
CONTINUOUS
ROD
SYSTEM





SCR systems offer you the most advanced technology. You also get continuing support that protects your investment and keeps you competitive.

SCR SYSTEMS FROM SOUTHWIRE

Meet Your Unique Needs with SCR Systems

Whatever your needs, Southwire can tailor a system to fit them. Southwire SCR systems have capacities ranging from 7 to 54 metric tons per hour. SCR systems let you produce many different sizes of copper rod and flats, using a variety of fuels and copper source material.

Your SCR system goes into production quickly. Our proven performance and reliability ensure fast start-up after commissioning. That gives you faster return on your investment.

Technical Support Helps You Succeed

You get support from project concept to commercial operation – and beyond. You get expert engineers on your site to help make sure construction and initial production go smoothly.

We will share our experience with you. Your staff receives training so our expertise becomes yours. We have successfully transferred our technology to over 85 companies. Southwire support helps assure your success.

Southwire's SCR Systems Protect Your Investment

Continuous-casting facilities are major investments in complex technology. A prudent analysis points to the industry leader: *Southwire*.

Southwire is the largest maker of electrical wire and cable in the Americas. We focus on making quality products, delivering them on time and giving you excellent technical support. We do it all at a competitive cost.

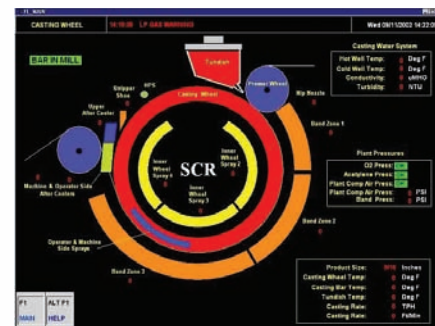
The key to cost-competitive, high-quality rod production is technical strength and continuous improvement. Southwire puts over 50 years of continuous-casting experience at your disposal. We have been supporting continuous improvements in SCR technology in international markets since 1966.

SCR Systems Give You Flexibility and Precise Control

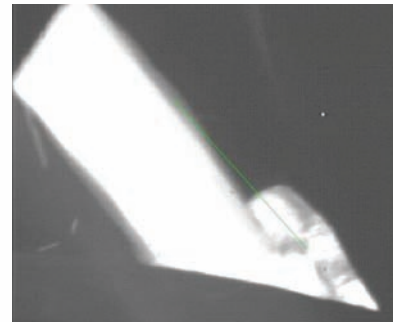
- Rod diameters up to 25mm
- Flats up to 8 x 27mm
- Capacities from 7 to 54 metric tons per hour
- Multi-fuel furnaces
- Automated control systems
- Advanced rolling-mill technology
- Labor-saving coiling and packaging
- Coil weights up to 10 tons



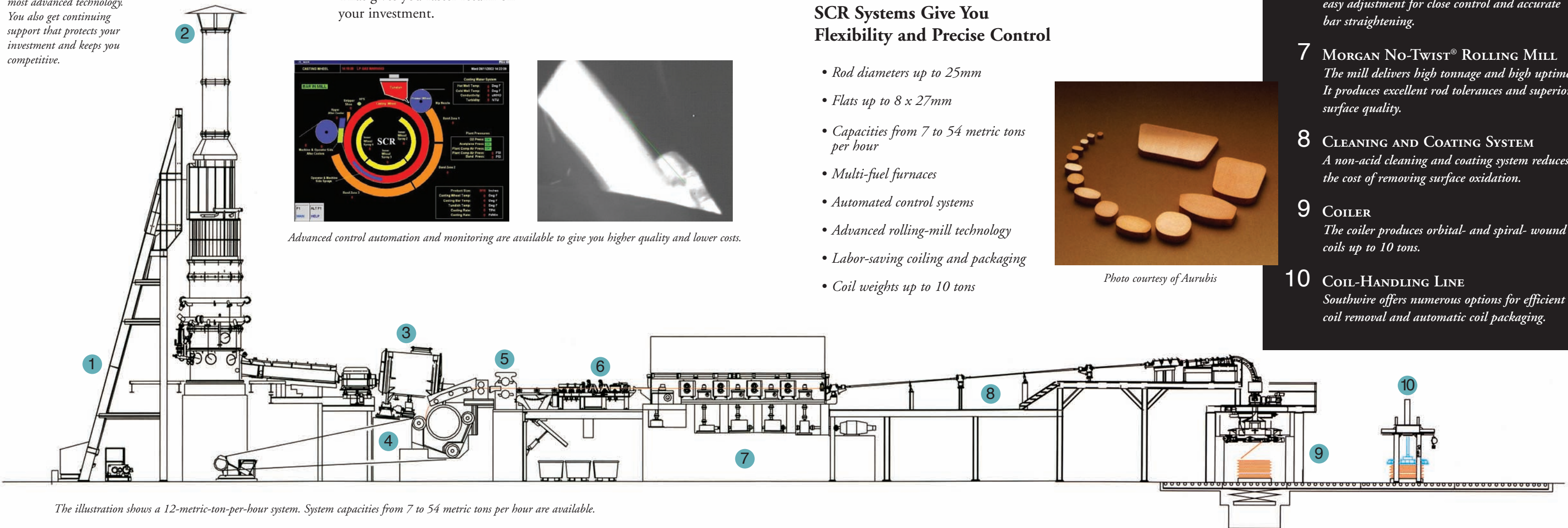
Photo courtesy of Aurubis



Advanced control automation and monitoring are available to give you higher quality and lower costs.



- 1 LOADER**
Reduced handling increases productivity.
- 2 MELTING FURNACE**
Automatic controls and multiple-fuel capability reduce energy costs. Easy-to-use operator interface cuts training time.
- 3 HOLDING FURNACE**
A simple, robust design delivers high reliability.
- 4 CASTING MACHINE**
Easy set-up, maintenance and operation increases productivity.
- 5 AUTOMATIC ROTARY SHEAR**
Heavy-duty design gives long life and reliable operation.
- 6 BAR PREPARATION MACHINE**
This station features long-life cutting tools, plus easy adjustment for close control and accurate bar straightening.
- 7 MORGAN NO-TWIST® ROLLING MILL**
The mill delivers high tonnage and high uptime. It produces excellent rod tolerances and superior surface quality.
- 8 CLEANING AND COATING SYSTEM**
A non-acid cleaning and coating system reduces the cost of removing surface oxidation.
- 9 COILER**
The coiler produces orbital- and spiral- wound coils up to 10 tons.
- 10 COIL-HANDLING LINE**
Southwire offers numerous options for efficient coil removal and automatic coil packaging.



The illustration shows a 12-metric-ton-per-hour system. System capacities from 7 to 54 metric tons per hour are available.