

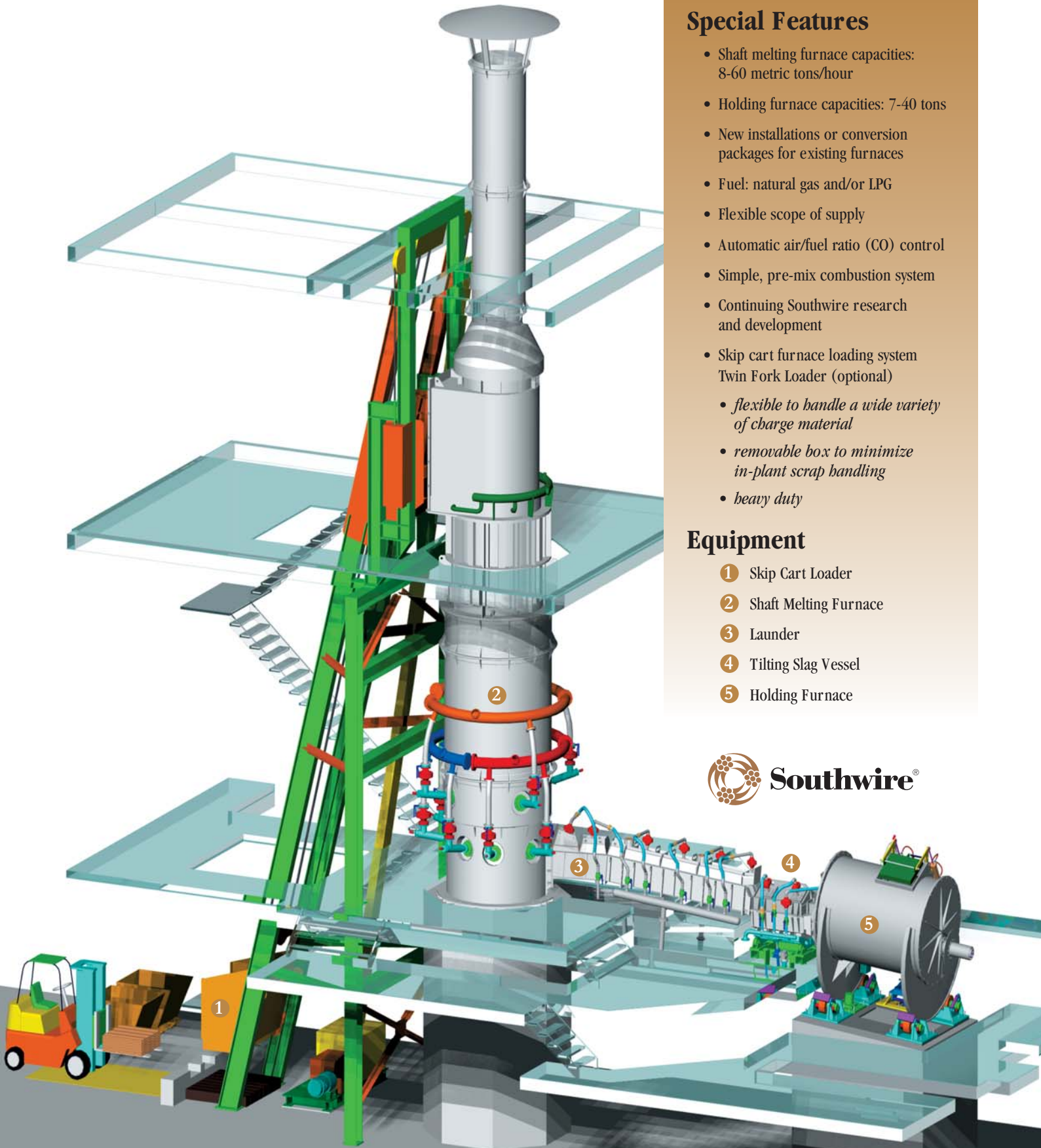
Southwire Shaft Furnace

Special Features

- Shaft melting furnace capacities: 8-60 metric tons/hour
- Holding furnace capacities: 7-40 tons
- New installations or conversion packages for existing furnaces
- Fuel: natural gas and/or LPG
- Flexible scope of supply
- Automatic air/fuel ratio (CO) control
- Simple, pre-mix combustion system
- Continuing Southwire research and development
- Skip cart furnace loading system
Twin Fork Loader (optional)
 - *flexible to handle a wide variety of charge material*
 - *removable box to minimize in-plant scrap handling*
 - *heavy duty*

Equipment

- 1 Skip Cart Loader
- 2 Shaft Melting Furnace
- 3 Launder
- 4 Tilting Slag Vessel
- 5 Holding Furnace



Southwire Shaft Furnace

Southwire At-A-Glance

- Southwire knows the rod making business because we're in it.
- We are a large producer of copper and aluminum rod, and wire and cable in the United States.
- Southwire was the first to make the continuous casting of copper rod a commercial reality with our SCR® systems.
- We have more than 37 years experience in engineering, producing and operating SCR systems.
- Southwire offers assistance in setting up your system as well as other start-up services.
- We provide training, continued technical support, maintenance guidance and parts replacement.

Important Advantages

- High thermal efficiency
- 75% fewer control points
- Quieter burners
- Reliable flashback prevention system
- Easier to operate and maintain
- Touch screen human-machine interface for local control or remote monitoring
- Much faster gas sampling response time
- Water-cooled burners
- No air pre-heater required
- Maximum component reliability
- Easy to convert existing furnaces
- Quieter fuel efficient covered launders

Technical Assistance

- Operator training
- Start-up assistance
- Field services
- Operating manuals
- Over 57 installations worldwide
- Customized equipment arrangements

Handles a Wide Variety of Copper Charge Materials

- Full Plate Cathode
- Rodmill Scrap
- Clean Copper Scrap
- Wire Bar
- Scrap Billets
- Billet Butts
- Saw Chips
- Cakes
- Blister Copper

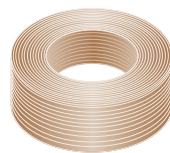
Give us a call with your system requirements and we can provide you with a custom engineered system that meets your needs.



Southwire®

SCR Department
P.O. Box 1000
Carrollton, Georgia 30119
Phone: 770-832-4108
Fax: 770-838-6600
E-mail: scrsales@southwire.com
www.southwire.com

Provides Molten Metal for:



Continuous Copper
Rod Casting



Anode Casting



Billet or
Cake Casting