



Southwire's SCR Continuous Rod Systems

Southwire will design the system to meet your production needs.



SCR System and Product Sizes

	mm ² bar	Metric Tons Per Hour	Metric Tons Per Year 5-day, 3-shift	Metric Tons Per Year 7-day, 3-shift
SCR 1300	1355	7	35,700	45,900
SCR 2000	2100	12	61,200	78,600
SCR 2500	3800	20	102,000	131,000
SCR 3000	3800	25	127,500	163,800
SCR 4500	5430	35	178,500	229,300
SCR 6000	6580	40	204,000	262,100
SCR 7000	8200	48	244,800	314,500
SCR 9000	8200	54	275,400	353,800

You get high efficiency

High efficiency gives you high profits. SCR[®] furnaces with premix design give high thermal efficiency and reduce energy costs. Advanced automated controls simplify operations. You get high production efficiency for more output. Quick change casting and rolling components reduce downtime. That gives you *substantial* cost savings.

You get reliable operation

SCR system components have *long* lives. Designs are proven reliable. There are few complex parts and no costly exotic materials.



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SCR Systems Produce a Wide Range of Rods and Flats

SCR Systems produce rods and flats to accurate dimensions.

Sample Rod Diameters (in mm)

8

14.7

16

18

22

25

Sample Flat Dimensions (in mm)

8x15

7x21

8x27

SCR Rod and Flat Sizes

Typical Rod Sizes (mm)	SCR 1300	SCR 2000	SCR 2500	SCR 3000	SCR 4500	SCR 6000	SCR 7000	SCR 9000
Minimum	8	8	8	8	8	8	8	8
Maximum	14.7	16	18	18	22	25	25	25
Maximum Flat Sizes (mm)	7x21	6x27	6x27	6x27	6x27	8x27	8x27	8x27



Many SCR users produce copper flats and larger diameter rods. These products can include alloys for special applications such as trolley wire.

You can produce both rods and flats

SCR systems can produce both rod and flat sizes. Hydraulic mounting of mill rolls gives you rapid roll changes. That reduces your downtime. Lower downtime saves you money on labor, energy and metal losses.

You get highest quality rods and flats

SCR rods and flats are recognized as top quality in Europe, Japan, China, and the U.S.A.

You can trust SCR systems to give you consistent quality and accurate rod diameters. Typical tolerance is ± 0.19 mm for 8mm rod. SCR copper rods and flats reliably meet or exceed ASTM, DIN and ISO standards.

Year after year, SCR systems set the worldwide quality benchmarks.

