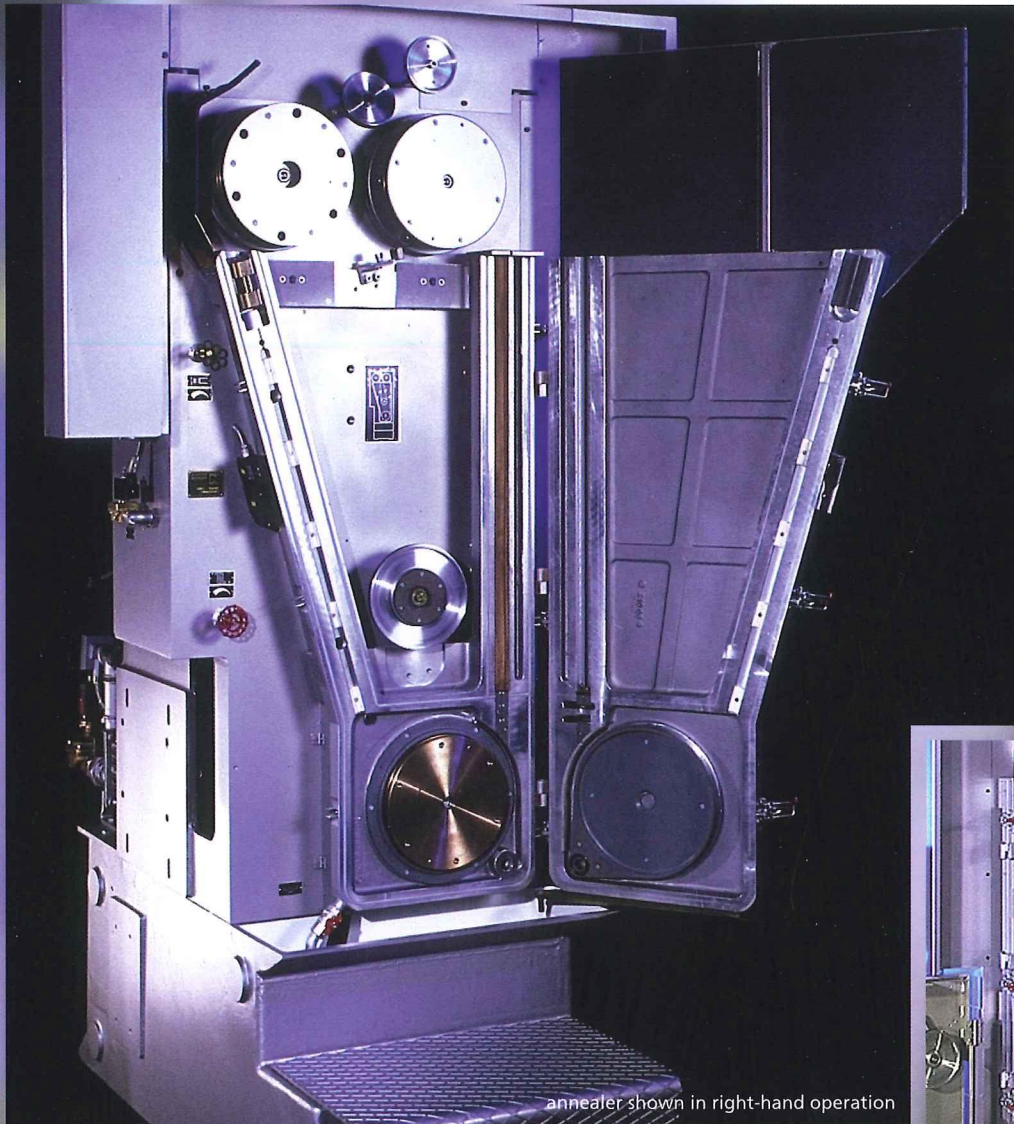


Continuous Resistance Annealer

single wire – for the intermediate wire range



Proven Quality – Safe Operation
a solid investment decision

VG 30

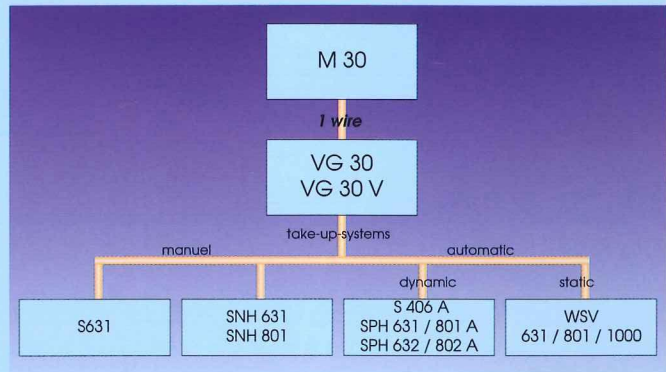


Machines
Systems
Know-how
Worldwide

VG 30

World-known – Proven Quality

- DC annealer built acc. to the famous NIEHOFF triangle annealing principle with pre-, main and reheating zones
- Isolation-free installation, no current flow to other line components due to short circuit system
- Continuously annealed wire by zero annealing at full stop or in creep speed in combination with wire accumulator
- Easy to operate and low maintenance:
 - Easy insertion of the wire
 - Divided annealing and cooling covers
 - Quick change system of contact pulleys with exchangeable contact bands
 - Electrical carbon brush control



Technical Data

	VG 30	VG 30 V
Max. annealing power: (transformer in switch cabinet)	50 kW (67 HP) (at 1300 A)	70 kW (94 HP) (at 1700 A)
Wire range:	0.3...1.2 mm (AWG 28½...AWG 17)	0.3...1.6 mm (AWG 28½...AWG 14)
Max. wire diameter at max. annealing power:	$V_{max} = 40$ m/s (7870 fpm) $V_{max} = 28,8$ m/s (5670 fpm) $V_{max} = 16$ m/s (3150 fpm) $V_{max} = 10$ m/s (1970 fpm)	$n = 0.6$ mm (AWG 22½) $n = 0.75$ mm (AWG 21) $n = 1.0$ mm (AWG 18) $n = 1.2$ mm (AWG 17)
Dia. of contact pulleys:	250 / 254 mm	250 / 254 mm
Drive:	from drawing machine via belt	
Coolant circulation quantity / tank volume:	90 l/min (24 gal./min) / 300 l (79 gallons)	
Machine dimensions l x d x h [m] / weight:	1.2 x 1.4 x 2.4 / 1200 kg	1.5 x 1.4 x 2.9 / 1450 kg

We reserve the right to modify according to technical improvement.

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