

KNOTT & COMPANY, INC.

EVG GR 65 MESH WELDING LINE - 1979

Welder

Max welding width – 62”

Line wire spacings – 1” and larger – steplessly adjustable

Cross wire spacings – ½” min and larger – steplessly adjustable

Working speed – 100 cross wires per minute

Power load (50% i.d.) 170 kVA, 3 phase

Driving motor 7.5 kW

Control of welding current by thyristors

Control of welding heat by phase-shift, stepless

Accessories

- Cross wire payoff – hopper feed – Straighten & cut machine included
- Line wire straightener
- Line wire interlock device
- Edge trimming and slitting shears device
- Mesh tensioning equipment
- Roll take-up machine

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EVGENTWICKLUNGS- U. VERWERTUNGS-
GESELLSCHAFT m. b. H.
GRAZ (AUSTRIA)

WIRE MESH WELDING MACHINE MODEL GR 65

PRODUCTION DATA

Max. working width (= max. length of cross wire)	65"
Max. welding width (= max. distance between outside line wires)	62"
Line wire spacings	1" min., larger spacings step- lessly adjustable (plus an occasional 1/2" spacing)*
Cross wire spacings (Computerized by precision advancing system)	1/2" min., larger spacings steplessly adjustable (any value possible)
Range of line wires pulled from coils	16 ga - 10 ga
at line wire spacing 1"	12 ga
2"	10 ga
Range of cross wires	16 ga - 10 ga
Max. welding capacity (total of wire diameters)	.270"
at line wire spacing 1"	.210"
2"	.270"
Working speed	max. 100 cross ^o wires per min. steplessly adjustable

ELECTRIC DATA

Power load (50 % I.D.)	170 kVA
Power of driving motor	7,5 kW
Control of welding current	by thyristors
Control of welding time	by electronic timers, in small steps
Control of welding heat	by phase-shift, stepless
Cooling water consumption	2,5 gallons per minute
min. working pressure	20 pounds/sq. inch

MEASURES AND WEIGHTS

Width	8 ft 6 in	7 ft
Depth	5 ft	2 ft 4 in
Height	6 ft	6 ft
Weight	10000 lbs	1800 lbs

* Welder offers the possibility to weld an occasional 1/2" line wire spacing.
Max. wire sizes for 1/2" spacings 14 ga (total welding thickness .160")

Subject to modification

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