

EDR13/EDR15

High Speed Rod Breakdown Machine

Designed for inline operation with
extrusion



version "right to left"

Features and advantages

Standard:

- single wire rod breakdown machine
- sprayed lubrication for dies, cones and wire
- high speed, high efficiency design
- compact with small footprint in left to right and right to left orientation
- welded steel frame with cartridge bearing housing for the main shafts
- 3-step drawing cones with B&S drafting arranged in "parallelogram" layout
- ceramic rings for drawing cones
- high velocity die lubrication virtually clog proof
- reduced set-up time due to string-up bypass for heavy gauges
- suitable for redraw wire production and inline operation with high speed extrusion lines
- AC drives and motors for lower maintenance costs and reduced energy consumption

Optional:

- two-motor quick die change version (3 wire sizes)
- rotating die holder
- inline electric continuous resistance annealer R501

Technical data

max. inlet diameter:	5/16" (8 mm) Cu
finish diameter range (AWG)	EDR 15: 16 – 6 AWG (1.29 – 4.12 mm) EDR 13: 14 – 6 AWG (1.63 – 4.12 mm)
number of drafts:	15 (EDR 15) or 13 (EDR 13)
wire elongation:	26.1% B&S
maximum production speed (fpm)	8,500 (EDR15) 7,500 (EDR13)



Typical hard wire finish diameters and corresponding speeds

Wire range		EDR15		EDR13	
mm	AWG	m/s	fpm	m/s	fpm
1.29	16	43	8,500		
1.45	15	43	8,500		
1.63	14	43	8,500	38	7,500
1.83	13	43	8,500	38	7,500
2.05	12	41	8,000	38	7,500
2.30	11	37	7,300	34	6,700
2.59	10	33	6,500	31	6,100
2.91	9	31	6,000	29	5,700
3.26	8	28	5,500	27	5,400
3.67	7	23	4,500	18	3,500
4.12	6	22	4,300	18	3,500

(We reserve the right to modify technical specifications according to technical improvements and advances.)

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