

DRAWING MACHINES



DRAWING MACHINES

INLINE DRAWING MODULES

RESISTANCE ANNEALERS

APPLICATIONS

- drawing of precious metal wires (gold, platinum, silver)
- drawing of copper alloy wires (bronze, brass, nickel silver)
- add-on drawing unit for fine wire drawing machines with synchronization
- inline drawing units for manufacturing enameled, tinned and EDM wires
- drawing machines with resistance annealer and take-up
- single and multi wire drawing machines



DRAWING MACHINES

SPECIAL CHARACTERISTICS

- integrable into various manufacturing processes
- customized versions available
- quick-change systems
- available in combination with resistance annealer
- available in combination with take-up for reels, containers and coils
- intensive spraying of inlet and outlet cones of the drawing dies
- alternatively: immersed version
- easy operation due to the tandem drawing system and the favorable location of the drawing dies
- large control window to the drawing area
- high operational safety
- very low maintenance costs

SPECIAL VERSION

- drawing area made of stainless steel
- dancer control at wire output
- dancer control at wire entry



Technical data

Drawing machine		
inlet wire	max. 5 mm	0.2 inch
finished wire	0,05 – 3 mm	0.002 – 0.118 inch
machine sequence	8 – 27 %	
speed	max. 30 m/s	max. 98.5 fps
number of drawing dies	3 – 21	
version	tandem	
number of wires	1 – 4	
capstans	80 – 250 mm Ø	3.15 – 9.84 inch
final capstan	80 – 360 mm Ø	3.15 – 14.17 inch
capstan surface	carbide metal coating, zirconium oxide ceramic rings, hardened steel rings	
drive system	toothed belt, drive, single drive	
drive	controlled three-phase a.c. drive	
annealer		
annealing voltage	max. 130 VDC	
main annealing zone	optionally with inert gas atmosphere	
wire drying	between annealing box and capstan	



ANNEALER



interior of annealing box



annealer with protective door



annealing box open

ALBERSRIETH

VOHENSTRAUSS

»» cp-2.com

Factory 1: Hydro-Power

Albersrieth 27 | 92727 Waldthurn
Germany/Bavaria
Fon: +49 (0) 9657/930-0
Fax: +49 (0) 9657/930-123
info@lukas-anlagenbau.de
www.lukas-anlagenbau.de



Factory 2: Wire & Cable

Am Forst 1 | 92648 Vohenstrauß
Germany/Bavaria
Fon: +49 (0) 9651/930-0
Fax: +49 (0) 9651/930-299
info@lukas-anlagenbau.de
www.lukas-anlagenbau.de



LUKAS 
ANLAGENBAU GMBH