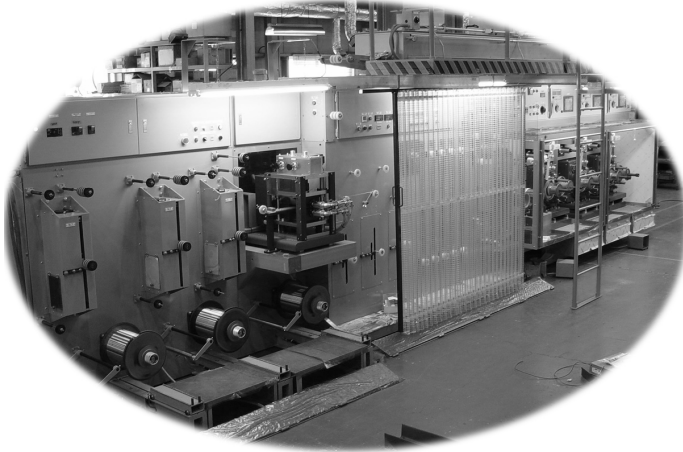


Model

High speed rolling mill machine for flat wires (FFC)

FFC:Flexible Flat Wire



Challenge To The Future

Description

1. Produces 3 ultra-fine precision flat wires of high quality at the same time.
2. Permits high speed and continuous production of flat wires.
3. Automatic pressure application process achieves dimensional stabilization of flat wires.
4. Permits automatic bobbin switching over for orderly-aligned winding of wires, covering different bobbin types.
5. Feeding bobbin set-up, allows easy production of flat wires.
6. Compact design for space saving.

Specification

Wire material	Bare copper wires, Special wires	
Diameter equivalent to round wire	φ0.096 - 0.22mm	
Flat wire size	0.022 - 0.05Tmm x 0.30 - 0.70Wmm	
Wire speed	(Max)400m/min [standard 200m/min]	
Wire line	1 line	3 lines
Wire elongation	20-25% or more (depends on wire material)	
Feeding device	S100 type. Single shaft spoolers unit horizontal axis(Max 100kg) Controlled for constant tension by dancer	
Rolling mill machine	1-step rolling mill with pressure automatically control device(rolling mill machine traverse device and dancer type tension control device include). Laser type measuring system(for automatic control of pressure applied to rolling rolls)	
Electricity annealer device	DC power used. Cooling water temperature control device.	
Take-up device	1-speed type, Double roll	
Wind-up device	Traversing function for orderly-aligned winding Automatic bobbin switching over function with measuring system. Wire break down detector with direct current control.	
Wind-up bobbin	P-5R, P-5RM, DP-5, PL-8	
Power source	AC200V - 220V, 60Hz(50Hz), 3-PHASE	
Electric capacity	abt. 15kW	abt. 26kW
Dimensions	4300mm(L)×1500mm(W)×2300mm(H)	8700mm(L)×1500mm(W)×2300mm(H)