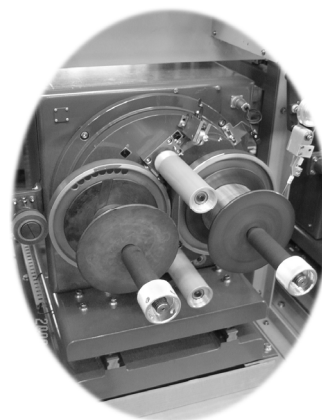
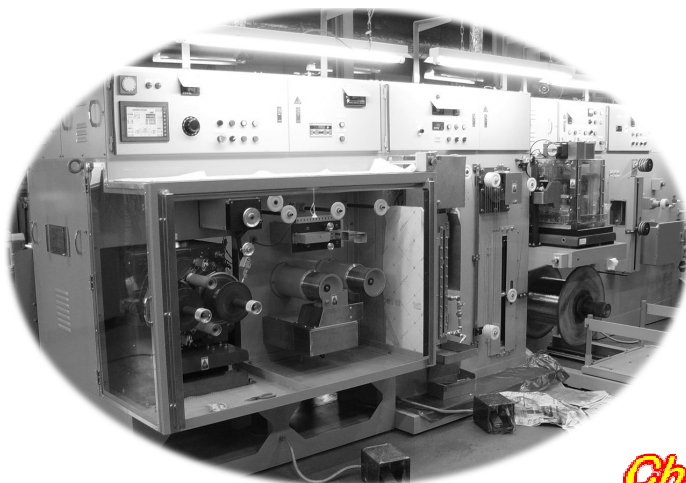


Model 1-line rolling mill machine for flat wire (solar cell)

The flat wire for solar cells



Challenge To The Future

Description

1. Precision flat wires of high quality.
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
Diameter equivalent to round wire	φ0.50 - 0.80mm
Flat wire size	0.15 - 0.20Tmm x 1.3 - 2.5Wmm
Wire speed	(Max)200m/min [standard 150m/min]
Wire line	(Max) 1 line
Wire elongation	20-25% or more (depends on wire material)
Feeding device	S500 type. Single shaft spoolers unit horizontal axis(Max 500kg) 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-10RM, DP-5, DP-15, PL-8, PL-25
Power source	AC200V - 220V, 60Hz(50Hz), 3-PHASE
Electric capacity	abt. 16kW
Dimensions	4300mm(L)×1500mm(W)×2300mm(H)