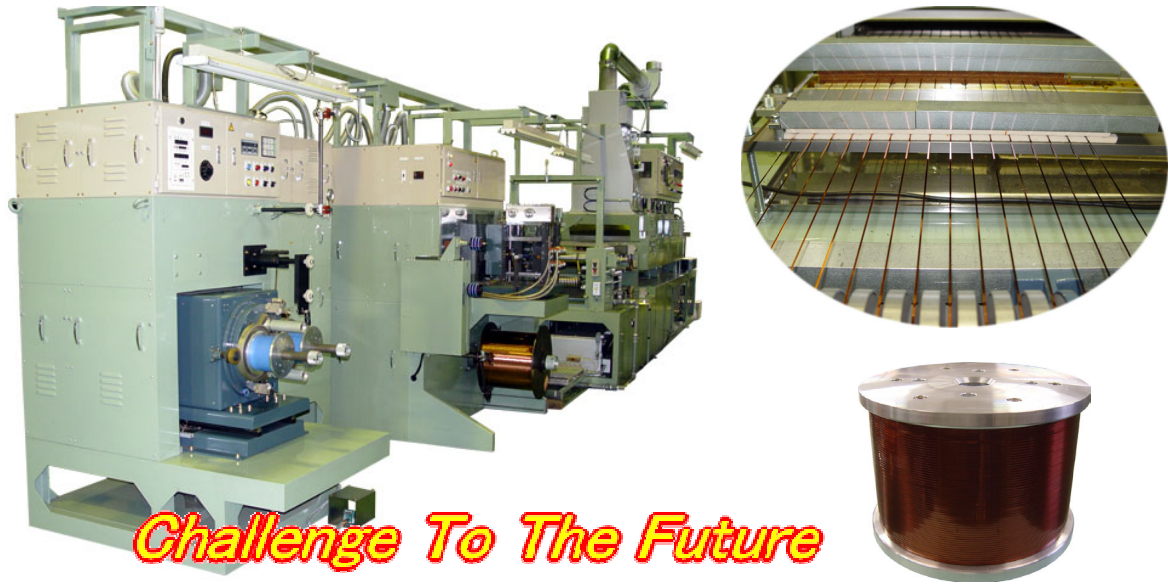


Model

Precise flat wire enamelling machine

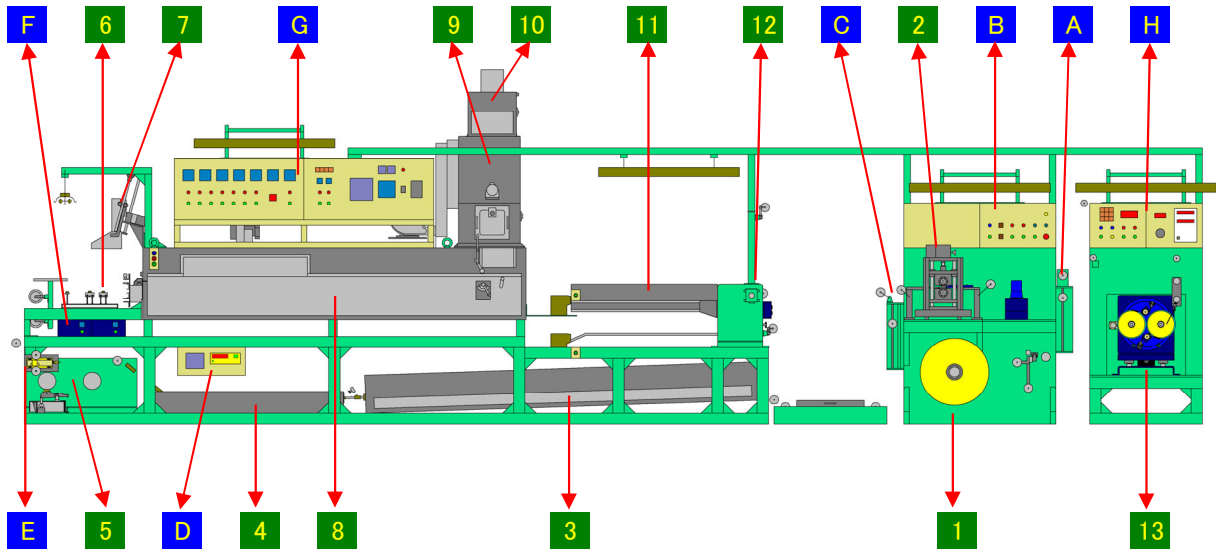


Description

1. Permits uniform application of varnish to wires.
2. Equipped with environmentally friendly secondary catalyst device as standard.
3. Orderly-aligned wire winding realized.
4. Compact design for space saving.
5. Wire width control by measurement of wire outside diameter using a laser, thus achieving improved quality of coated wires.

| Model ***MN/TAS***H(1h) | HE3400 | | | HE4000 | | |
|---|---|--------------|--------------|----------------------------------|-----|-----|
| | 25H | | | 60H | | |
| Diameter of bare round copper wire | φ0.2 - 0.4mm | φ0.3 - 0.6mm | φ0.4 - 0.8mm | φ0.6 - 1.2mm | | |
| Reduction ratio (wire thickness : width) | (Max) 1:14 [standard 1:8 - 1:12] *1-step rolling mill | | | | | |
| Roll diameter | 80mmφ | 100mmφ | 120mmφ | 150mmφ | | |
| Wire speed | (Max) 150m/min | | | (Max) 50m/min | | |
| Kind of wire | UEW , UEW-F | | PEW | EIW | AIW | PIW |
| DV value | 24 | | 20 | 18 | 18 | 16 |
| No. of enamelling oven | 1 room | | | | | |
| Wire line(1-room) | (Max) 1 line | | | | | |
| Coating time(1-room) | Single coating 24 times, Simultaneously coating[base 12T + top 12T] | | | | | |
| Wire pitch inside oven | wire pitch 20mm, wire height 1200mm | | | | | |
| Wind-up bobbin | DP-5, DP-15, P-15, PL-8, PL-25 | | | P-30, PL-30, DP-25, DP-35, DP-50 | | |
| Electric capacity | abt 55kW | | | abt. 60kW | | |
| Dimensions | 10450mm(W)×1300mm(D)×2500mm(H) | | | 12000mm(W)×1300mm(D)×2500mm(H) | | |

Mechanical system



Mechanical system

- 1** Feeding device

- 2** Rolling mill machine

- 3** Pre-annealer

- 4** Water bath

- 5** Draw-out device

- 6** Applicator

- 7** Partial exhaust

- 8** Coating oven

- 9** Primary catalyst device

- #** Secondary catalyst device

- #** Cooling device

- #** Take-up device

- #** Wind-up device

Control system

- A** Feeding dancer

- B** Rolling mill control panel

- C** Rolling mill dancer

- D** Laser type outside diameter measuring system

- E** Outside diameter measuring system section

- F** Applicator control panel

- G** Coating oven control panel

- H** Wind-up control panel
