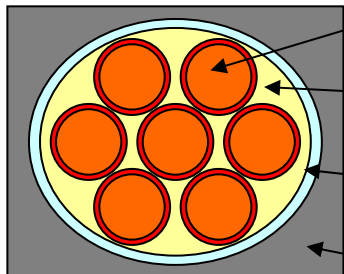


Varnish Impregnation Machine

Purpose of Impregnation

Cross Section of Shielding in Slot



Magnet Wire
 Varnish
 Shield Sheet
 Core Material

- 1) Higher **Compactness** in Slot (Improvement of Heat Dissipation)
- 2) **Reducing Vibration**
- 3) **Stick, Rigidity** of Magnet Wire
- 4) **Protection** from Moisture, Dust
- 5) Additional **Shielding** Improvement



Impregnation Method

Method	Drip	Dip	Rotation Dip
Car Parts	Starter, Rotor, Stator	Stator, Transformer	Mute Pole Stator
Strong Points	1) Drip on Selected Position 2) Equivalent Varnish Coating	1) Easy Treatment of Work 2) Suitable for Mass Production	1) Equivalent Varnish Coating
Notes	1) Need to Control Dripping Position Carefully	1) Need to Control Viscosity and Temp. of Varnish 2) Different Coating Thickness between Top and Bottom of Coil	1) Adhere Varnish at Core
Treatment			

Impregnation System

