This machine is designed to cope with precise requirements of thin films such as Copper foil, Al. foil…etc.

- Rigid frame -- Both side panels are assembled with the base on heavy steel, assure tram and vibration free operation.
- Driven system -- AC SERVER motor with tacho-generator, and transmit by timing belt, It includes functions as soft start, soft stop, emergency stop. All controls are located on control panel in the front of machine.
- Unwind tension control -- Equipped with powder brake and automatic tension controller to get the optimum tension on unwind side at high speed.
- Rewind tension control -- Equipped with auto tension control LOAD CELL and Air-Friction Shaft.
- Web guide system -- Edge position controller to guarantee the slitting margin very accurate in the range of \( \pm 0.1 \text{mm} \).
- Rewind arm -- Equipped with Air-Friction Shaft.
- Knife System -- Equipped with GANG CUT and SHEAR CUT system, it was designed by cassette, so it can be shifted easy.
- Edge waste trimming -- By united axle rewind.
- Easy maintenance -- Hinge-out electric for easy maintenance.
- Special design of any width slitting is available.

**Model:**

SL-M700
Slitter/Re-winder

**Specification**
- Web: 1/3~1 OZ pure Cu or compound Film 20~180μm
- Unwind Width: 650mm
- Unwind Core I.D.: ø500mm
- Unwind Core I.D.: ø76/152mm
- Rewind Diameter: Max. ø250mm
- Rewind Core I.D.: ø76mm
- Slit Width: 250mm
- Machine Speed: 50M/Minute
- Running Speed: Depending on material quality and slitting width to be processed.
- Unwind and Rewind: By Different Side.
- Operation Panel: Touch Control Monitor
- Power: AC 380V 50Hz 3φ 4w
- Air Supply: 5 Kg/cm²
- Machine Size: (L) 1800 x (D) 1900 x (H) 1450 mm

**Main Structure**
- Ground Base…………………………………….. 1 set
- Flank Plate………………………………………. 2 pcs
- Main Transmission AC Servo Motor (Japanese 2KW) 1 pc
- Motor Control System (Japanese)………………… 1 set
- Main Transmission Roller………………………… 1 pc

**Knife System**
- GANG CUT System, Including:
  - Interval Ring of Surface Hardened (250mm)...... 2 pcs
  - Interval Ring of Sealing Glue (250mm)……….. 2 pcs
  - Upper and Lower Knife…………………….. total 6 pcs
  - Knife Base…………………………………… 1 set
  - Brush Cleaner for Dust………………………… 1 set
- SHEAR CUT System, Including:
  - Upper Knife Shaft…………………………… 1 pc
  - Lower Knife Shaft…………………………… 1 pc
  - Upper Knife…………………………………… 3 pcs
  - Fixed Ring of Upper Knife…………………... 3 ets
  - Lower Knife…………………………………… 3 pcs
  - Interval Ring of Lower Knife…………………… 2 sets
  - Knife Base…………………………………… 1 set
  - Fixed Base of Knife Shaft…………………… 2 sets

**Unwind Structure**
- Shaftless Unwind Unit (with 3”/6” clasp)……….. 1 set
- Powder Brake 5kg-M (Japanese)……………….. 1 set
- LOAD CELL (Germany E+L)…………………... 1 pc
- EPC (Germany E+L)………………………….. 1 set
- Auto Tension Control System (Germany E+L)... 1 set
- Adjustment Roller for Material Thickness……….. 1 set
- Pressure Roller…………………………………. 1 set
- Material Connecting Unit……………………… 1 set
  (Manual type with pressure stick)

**Rewind Structure**
- Rewind AC Servo Motor (Japanese 2KW)……… 1 pc
- Motor Control System (Japanese)………………… 1 set
- O.D. Check Control System…………………… 2 sets
- Tracing Roller Control System………………….. 2 sets
- Tracing Roller Motor (60W)…………………… 1 set
- Tracing Roller…………………………………… 2 pcs
- Air-Friction Shaft (3”)………………………….. 2 pcs
- Air Adapter…………………………………..... 2 pcs
- Auto Tension Controller (Germany E+L)……. 1 set
- E-P Hyreg (Japanese SMC)………………….... 2 sets
- Rewind Safe Lock…………………………….. 2 sets
Structure (1)

Machine Side View

Rewind Reel

Angle Adjustment Roller (Material exit Knife)

Control Panel

Electric Control Disposition
**Structure (2)**

- Angle Adjustment Roller (Material exit Knife Base)
- Knife Base
- Angle Adjustment Roller (Material into Knife Base)
- Material Connecting Unit
- Shaftless Unwind Unit
- Air-Friction Shaft
- Tracing Roller