



**NCJ8 Series**  
Heavy Duty Uncoiler / Straightener / Feeder



Flip - Top Straightener Head Device



#### Features

- High rigidity mechanical structure design and work with Mitsubishi servo control system to ensure the feeding accuracy.
- Multi-functions touch panel designed, easy to configure and operation increase efficiency with pressing machine high perform connection operation.
- Special clamping peeler device, offering the solution easier to solve the customer in feeding material problem.
- Straightener / Precision leveler adopting screw lift designed by motor drive to easy adjustment the 3 IN 1 feeder machine pass line high as press machine change different dies.
- Feeder rolls and straightener rolls have undergone special heat treatment of HRC 60° for high precision leveling, rolls surface chromium-plating and then ground, high hardness, high wear-resistant characteristic and long service life cycle.
- Uncoiler hydraulic expansion design makes the job more efficiently.
- Collocation twin type uncoiler and coil car, save loading coil time increase efficiency.



**NCJ-DH Series**  
Twin Type Heavy Duty Uncoiler / Straightener / Feeder



Flip - Top Straightener Head Device



### NCJ4 Series for 0.8 ~ 4.5 mm

| Model                 |                    | NCJ4-400               | NCJ4-600 | NCJ4-800 | NCJ4-1000 | NCJ4-1250 |
|-----------------------|--------------------|------------------------|----------|----------|-----------|-----------|
| Width of Material     | mm                 | 400                    | 600      | 800      | 1000      | 1250      |
| Thickness of Material | mm                 | 0.8 ~ 4.5              |          |          |           |           |
| Feed Roll             | mm                 | 136 x 4 Pcs            |          |          |           |           |
| Work Roll             | mm                 | 80 x 7 Pcs             |          |          |           |           |
| Work Roll Arrangement |                    | Upper 4 / Lower 3      |          |          |           |           |
| Main Servo Motor      | kW                 | 5.0                    | 7.0      | 7.0      | 11        | 11        |
| Air Supply            | kg/cm <sup>2</sup> | 5                      |          |          |           |           |
| P.L.H Adjustment      | mm                 | Cust. Demand High ±100 |          |          |           |           |

### NCJ6 Series for 1.0 ~ 6.0 mm

| Model                 |                    | NCJ6-400               | NCJ6-600 | NCJ6-800 | NCJ6-1000 | NCJ6-1250 |
|-----------------------|--------------------|------------------------|----------|----------|-----------|-----------|
| Width of Material     | mm                 | 400                    | 600      | 800      | 1000      | 1250      |
| Thickness of Material | mm                 | 1.0 ~ 6.0 (Option:8 )  |          |          |           |           |
| Feed Roll             | mm                 | 144 x 4 Pcs            |          |          |           |           |
| Work Roll             | mm                 | 114 x 7 Pcs            |          |          |           |           |
| Work Roll Arrangement |                    | Upper 4 / Lower 3      |          |          |           |           |
| Main Servo Motor      | kW                 | 7.0                    | 7.0      | 11       | 11        | 15        |
| Air Supply            | kg/cm <sup>2</sup> | 5                      |          |          |           |           |
| P.L.H Adjustment      | mm                 | Cust. Demand High ±100 |          |          |           |           |

## Uncoiler Specifications

|                    |    |              |      |            |      |      |
|--------------------|----|--------------|------|------------|------|------|
| Width of Material  | mm | 400          | 600  | 800        | 1000 | 1250 |
| Max. Coil Weight   | kg | 3000         | 5000 | 8000       | 8000 | 1000 |
| Coil I.D.          | mm | Ø460 ~ 520   |      | Ø480 ~ 520 |      |      |
| Max. Coil O.D.     | mm | 1200 or 1500 |      |            |      |      |
| Uncoiler Expansion |    | Hydraulic    |      |            |      |      |
| Uncoiler Motor     | HP | 3            | 5    | 7.5        | 7.5  | 10   |
|                    | kW | 3.7          | 3.7  | 5.5        | 5.5  | 7.5  |

- If material occur unconventional curve phenomena the straightener can't promise flat of material accuracy.  
For example : Cross bow, torsion, wave edges, central buckles ..ext.
- All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

## Standard Accessories

- Programmable multi – pitch setting with cutting signal output function. (Cutting signal output function is able to control the cutting device.)
- HMI touch screen control panel.
- 2 points micro adjustment (Attached with dial gauge)
- Straightener work rolls air release.
- Motor drive uncoiler with inverter control.
- Uncoiler photoelectric sensor control unit.
- Uncoiler hydraulic mandrel expansion device.
- Manual coil guide.
- Snubber arm.
- Carry over guide.
- Carry over clamp.
- Peeler.
- Pre – bender.
- Coil Car (Coil loading assisting device).
- Motorized pass line high adjustment device.

## Optional Accessories

- Flip – Top straightener head device.