

**3 IN 1 NCT Series**

Clamping Peeler + Coil Car

Features

- New concept and design reduces space requirements.
- The unique 2 sections leveling design for solving the high flatness and leveling stability of material requirement.
- Flip – Top leveler head device for easy maintenance operation.
- High rigidity mechanical structure design and work with Mitsubishi servo control system to ensure the feeding accuracy.
- Friendly operation by adopting Human Machine Interface control system.
- Auto feed monitoring function which can be a safety operation when the unit interlock with press stamping operation.
- 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.

**Standard Accessory:**
Flip – Top Leveler Head Device**Optional Accessory:**
Clamping Peeler Device

NCT1 Series for 0.3 ~ 1.0 mm

Model		NCT1-300	NCT1-400	NCT1-500	NCT1-600	NCT1-700	NCT1-800	NCT1-900	NCT1-1000
Width of Material	mm	300	400	500	600	700	800	900	1000
Thickness of Material	mm	0.3 ~ 1.0							
Feed Roll	mm	72 x 2 pcs							
Work Roll	mm	40 x 12 pcs	40 x 12 pcs	40 x 12 pcs	40 x 12 pcs	51 x 12 pcs	51 x 12 pcs	51 x 12 pcs	51 x 12 pcs
Work Roll Arrangement		1 st Section:Upper 1 / Lower 2, 2 nd Sections:Upper 5 / Lower 4							
Main Servo Motor	kW	2.0	3.5	3.5	3.5	5.0	5.0	5.0	7.0
Air Supply	kg/cm ²	5							
P.L.H Adjustment	mm	Cust. Demand High ±100							

NCT2 Series for 0.4 ~ 2.0 mm

Model		NCT2-300	NCT2-400	NCT2-500	NCT2-600	NCT2-700	NCT2-800	NCT2-900	NCT2-1000
Width of Material	mm	300	400	500	600	700	800	900	1000
Thickness of Material	mm	0.4 ~ 2.0							
Feed Roll	mm	72 x 2 pcs				114 x 2 pcs			132 x 2 pcs
Work Roll	mm	51 x 12 pcs	51 x 12 pcs	51 x 12 pcs	60 x 12 pcs	60 x 12 pcs	60 x 12 pcs	60 x 12 pcs	72 x 12 pcs
Work Roll Arrangement		1 st Section:Upper 1 / Lower 2, 2 nd Sections:Upper 5 / Lower 4							
Main Servo Motor	kW	2.0	3.5	3.5	5.0	5.0	5.0	5.0	7.0
Air Supply	kg/cm ²	5							
P.L.H Adjustment	mm	Cust. Demand High ±100							

NCT3 Series for 0.5 ~ 3.0 mm

Model		NCT3-300	NCT3-400	NCT3-500	NCT3-600	NCT3-700	NCT3-800	NCT3-900	NCT3-1000
Width of Material	mm	300	400	500	600	700	800	900	1000
Thickness of Material	mm	0.5 ~ 3.0							
Feed Roll	mm	112 x 2 pcs				112 x 2 pcs			132 x 2 pcs
Work Roll	mm	60 x 12 pcs	60 x 12 pcs	60 x 12 pcs	72 x 12 pcs	72 x 12 pcs	72 x 12 pcs	84 x 12 pcs	84 x 12 pcs
Work Roll Arrangement		1 st Section Upper 1 / Lower 2, 2 nd Sections: Upper 5 / Lower 4							
Main Servo Motor	kW	3.5	3.5	3.5	5.0	5.0	5.0	7.0	7.0
Air Supply	kg/cm ²	5							
P.L.H Adjustment	mm	Cust. Demand High ±100							

NCT4 Series for 0.8 ~ 4.0 mm

Model		NCT4-300	NCT4-400	NCT4-500	NCT4-600	NCT4-700	NCT4-800	NCT4-900	NCT4-1000
Width of Material	mm	300	400	500	600	700	800	900	1000
Thickness of Material	mm	0.8 ~ 4.0							
Feed Roll	mm	112 x 2 pcs				132 x 2 pcs			
Work Roll	mm	72 x 12 pcs	72 x 12 pcs	72 x 12 pcs	84 x 12 pcs	84 x 12 pcs	84 x 12 pcs	96 x 12 pcs	96 x 12 pcs
Work Roll Arrangement		1 st Section: Upper 1 / Lower 2, 2 nd Sections: Upper 5 / Lower 4							
Main Servo Motor	kW	3.5	5.0	5.0	5.0	7.0	7.0	7.0	11.0
Air Supply	kg/cm ²	5							
P.L.H Adjustment	mm	Cust. Demand High ±100							

NCT5 Series for 1.0 ~ 5.0 mm

Model		NCT5-300	NCT5-400	NCT5-500	NCT5-600	NCT5-700	NCT5-800	NCT5-900	NCT5-1000
Width of Material	mm	300	400	500	600	700	800	900	1000
Thickness of Material	mm	1.0 ~ 5.0							
Feed Roll	mm	114 x 2 pcs				132 x 2 pcs			
Work Roll	mm	84 x 12 pcs	84 x 12 pcs	84 x 12 pcs	96 x 12 pcs	96 x 12 pcs	96 x 12 pcs	114 x 12 pcs	114 x 12 pcs
Work Roll Arrangement		1 st Section: Upper 1 / Lower 2, 2 nd Sections: Upper 5 / Lower 4							
Main Servo Motor	kW	5.0	5.0	5.0	7.0	7.0	7.0	11.0	11.0
Air Supply	kg/cm ²	5							
P.L.H Adjustment	mm	Cust. Demand High ±100							

NCT6 Series for 1.0 ~ 6.0 mm

Model		NCT6-300	NCT6-400	NCT6-500	NCT6-600	NCT6-700	NCT6-800	NCT6-900	NCT6-1000
Width of Material	mm	300	400	500	600	700	800	900	1000
Thickness of Material	mm	1.0 ~ 6.0							
Feed Roll	mm	132 x 2 pcs				132 x 2 pcs			144 x 2 pcs
Work Roll	mm	96 x 12 pcs	96 x 12 pcs	96 x 12 pcs	114 x 12 pcs	114 x 12 pcs	114 x 12 pcs	120 x 12 pcs	120 x 12 pcs
Work Roll Arrangement		1 st Section:Upper 1 / Lower 2, 2 nd Sections:Upper 5 / Lower 4							
Main Servo Motor	kW	5.0	5.0	7.0	7.0	7.0	11.0	11.0	15.0
Air Supply	kg/cm ²	5							
P.L.H Adjustment	mm	Cust. Demand High ±100							

Uncoiler Specifications

Width of Material	mm	300	400	500	600	700	800	900	1000
Max. Coil Weight	kg	1500	2000	2000	3000	3000	5000	5000	5000
Coil I.D.	mm	Ø450 ~ 520				Ø480 ~ 520			
Max. Coil O.D.	mm	Ø1200 or Ø1500							
Uncoiler Expansion		Hydraulic							
NCT1 ~ NCT3	HP	1	1	2	2	2	3	3	5
	kW	1.5	1.5	1.5	2.2	2.2	3.7	3.7	3.7
NCT4 ~ NCT6	HP	1	2	2	3	3	5	5	5
	kW	1.5	2.2	2.2	3.7	3.7	3.7	5.5	5.5

- If material occur unconventional curve phenomena the leveler can't promise flat of material accuracy.
For example : Cross bow, torsion, wave edges, central buckles ...etc.
- 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)
- Flip – Top leveler head device.
- Leveler 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. (Applicable to NCT4 above)
- Peeler.
- Pre – bender. (Applicable to NCT4 above)

Optional Accessories

- Coil Car (Coil loading assisting device).
- Motorized pass line height adjustment device.
- Clamping peeler device