

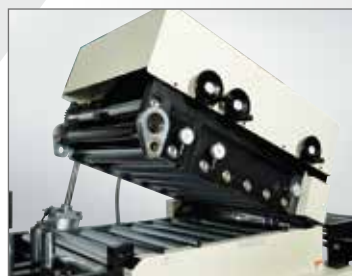
3 IN 1 NCE Series

NCE

Uncoiler / Straightener / Feeder



(Economic And Convenient Type)



Optional Accessory:
Flip – Top Leveler Head Device



Features

- The new concept and design a reduced space requirement.
- High rigidity mechanical structure design and work with Mitsubishi servo control system to ensure the feeding accuracy.
- Friendly operation by adopting the human-machine interface control system.
- Auto feed monitoring function which can be a safe operation when the interlock with press stamping operation.
- Feeder rolls and straightener rolls have undergone special heat 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.
- Coordinate with the hydraulic expansion of uncoiler and flip-top straightener head design to increase the job efficiently.

Standard Accessories

- Programmable multi-pitch setting with cutting signal output function. (Cutting signal output function can control the cutting mechanism)
- HMI touch screen control panel.
- Two points micro adjustment (Attached with the dial gauge).
- The straightener work roll air release.
- Uncoiler photoelectric sensor control and inverter control.
- A-frame coil guide.
- The straightener entrance used four points of material guide mechanism by manual type.

Optional Accessories

- Uncoiler Hydraulic Expansion Device
- Flip-Top straightener Head Devic.

Specification

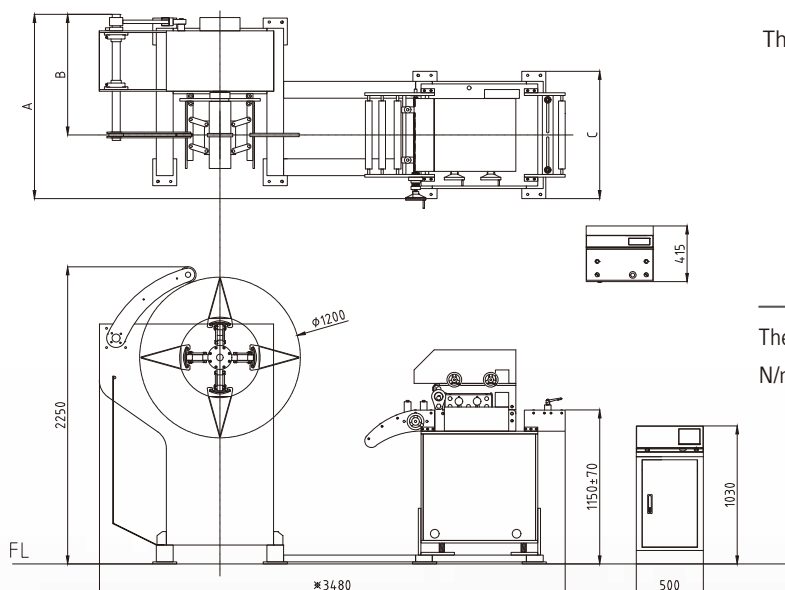
Model		NCE-300	NCE-400	NCE-500
Width of Material	mm	300	400	500
Thickness of Material	mm	0.4~3.2		
Feed Roll	mm	72 x 2 pcs		
Work Roll	mm	51 x 7 pcs		
Work Roll Arrangement		Upper 4 / Lower 3		
Main Servo Motor	KW	3.5	3.5	3.5
Air Supply	kg/cm ²	5		
P.L.H Adjustment	mm	1250 ± 100		

Uncoiler Specifications

Width of Material	mm	300	400	500
Max.Coil Weight	kg	1500	1500	2000
Coil I.D.	mm	Ø450 ~ 520		
Max.Coil O.D.	mm	Ø1200 (OPTIONAL Ø1500)		
Uncoiler Expansion		Manual Type (Optional:Hydraulic Type)		
Uncoiler Motor and Inverter	HP	1	1	1
	KW	1.5	1.5	1.5

Major Dimension

		NCE-300	NCE-400	NCE-500
A	mm	1240	1390	1540
B	mm	810	910	1010
C	mm	850	950	1050



Straightening Performance

Model		NCE-300	NCE-400	NCE-500
Stock Thickness (mm)	0.4	300	400	500
	0.8			
	1			
	1.2		350	400
	1.5			300
	1.8		310	250
	2	260	250	130
	2.3	200	200	
	2.5	150	150	
	2.8	135	135	
	3	120	120	
	3.2			

The above figures are for the material having yield strength of 245 N/mm² (tensile strength of 392 N/mm²)