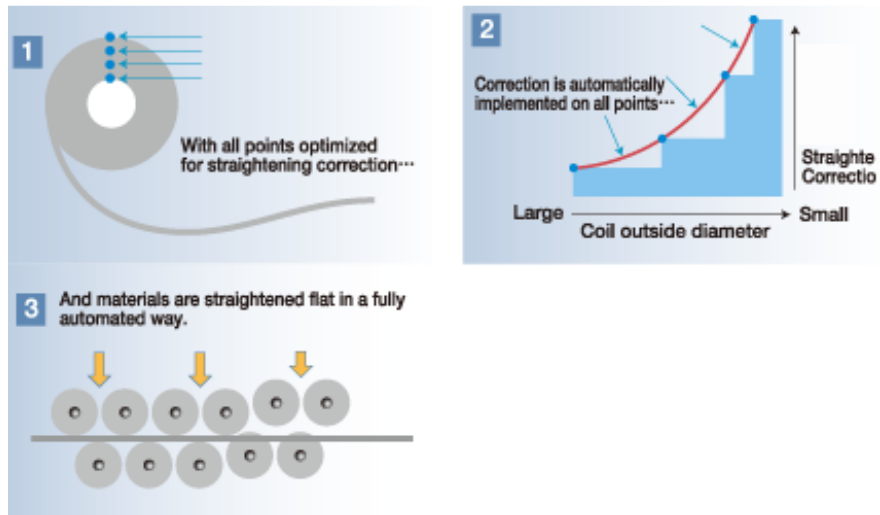




Used Amada ORII LCC SA Coil Straightener Feeder

Forming the future for straightener/feeders

The straightening roll adjustment wheel has disappeared!
 Oriimec has redefined press automation with the LCC SA coil straightening-feeding machine, fitted with all new technologies, including the first ever Active Straightening Correction (ASC) mechanism.
 The LCC SA represents a revolution in new technology for the metal stamping floor.



Active Straightening Correction (ASC)

Given the difference in coil at the beginning of a roll and the end of a roll, it is usually necessary for an operator to always be monitoring straightening operations and to manually carry out corrections to ensure a high degree of precision in straightening. With the unique ASC mechanism fitted on the LCC SA Series coil straightener-feeder, changes in the coil outside diameter are detected during production.

Straightening correction is performed continuously and automatically. Thanks to this innovation, the burden on line operators is reduced, meaning they do not have to be permanently by the machine, thus making a significant contribution to operational efficiency.

Problem Solutions

- Operations can monitor other lines.
- Operators can multi-task.
- Cost Reduction.



Fitted with 11 Rolls

The LCC SA Series Coil Straightening-Feeder Machine's ability to provide superior flatness comes from the 6 upper and 5 lower work rolls with a diameter of 48mm (1.875") each. This Construction together with the ASC Function further enhances the reliability of straightening.



Lift and Roll Easy Open Function

Work roll and feed roll are automatically fed into the port opening. In previous models of coil straightening-feeder machines, only one side of the feeder opened, limiting the size of the port and making maintenance of the inner components difficult. With the new Lift and Easy Open Function of the LCC SA Series, the port opening is a maximum 140mm making cleaning of rolls even easier.



TP-CCS Controller

A wide variety of information needed for planning, operation, maintenance, etc, is uniformly controlled under the base mode of “Settings, Planning, Operation and Maintenance.” Equipped with various new operations, it is a complete operating system that responds to diversification and sophistication of merchandise and reduction of work time.

Specifications

Model		LCC04SA
Stock Width	mm	50~400
Stock Thickness	mm	0.3~3.2
MAX.Coil Mass	kg(lb)	2,000(4,410)
MAX.Coil O.D.	mm	1,200
Coil I.D.	mm	508
Feed Length	mm	*1 ~ 300
MAX.Line Speed	m/min (ft/min)	~16(52)
Release-follow Speed MAX.	(spm)	180
Work Roll Number	—	Upper 6 / lower 5
Main Motor	(kw)	AC2.0
Mandrel Expansion	—	Pneumatic/(Manual)
Reel Motor	(kw)	0.75
Power	(V)	200/220
Operating Air	Mpa(PSI)	0.49(71)

*1 : In case Feeding Length exceeding Specification, MASTER CONTROL Function (Option must be provided).

Straightening Performance

Stock Thickness	LCC04SA
0.3(0.012)	400(15)
0.4(0.016)	
0.6(0.024)	
0.8(0.031)	
1.0(0.039)	
1.2(0.047)	339(13)
1.4(0.055)	279(10)
1.6(0.063)	238(9)
1.8(0.071)	208(8)
2.0(0.079)	185(7)
2.3(0.090)	159(6)
2.8(0.110)	128(5)
3.2(0.126)	105(4)

※The above figures are for the material having yield strength of 35500PSI max(tensile strength of 56800PSI).