

NEWS RELEASE

January 11, 2019

KOMATSU

Komatsu Industries Corp.

Komatsu Industries Corp. Releases new Straightener Feeder for High tensile steel “SF100H-1”

Komatsu Industries Corp. (CEO; Nobuaki Kawanishi), which is wholly owned subsidiary of Komatsu LTD (CEO; Tetsuji Ohashi), is proud to announce the release of their new Straightener feeder for High tensile steel 『SF100H-1』. The machine offers 30% improved productivity compared with conventional models by enhancing the feeding capacity with seamless, synchronous control integrated with the new “H2FM” series servo press, which was released in March this year.

The space-saving, compact “no-loop-pit” design of the coil system efficiently performs threading into the leveler feeder.

【The photograph is a newly released machine of “SF100H-1”】

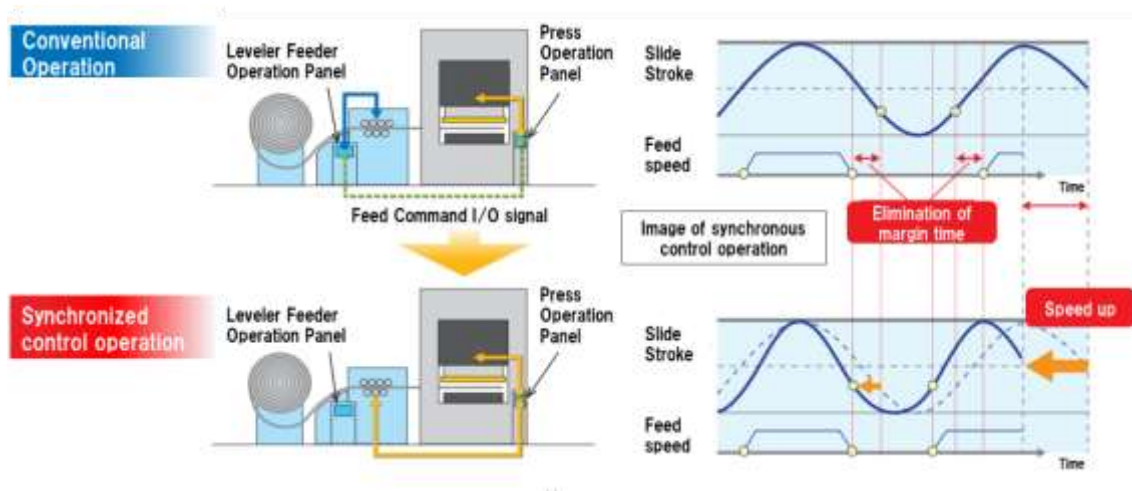


[Major characteristics of products]

1. Productivity improvement

- ① The combination of the high productivity of the new servo Coil Line and the "H2FM" Servo Press improves the overall feed performance.
- ② The integration of synchronous controls of the new Coil Line and H2FM servo press results in maximum productivity and flexibility as they operate as a single production system. Designing the press and leveler feeder to function together, high productivity was achieved with simple operation, especially in higher speed, pendulum operation mode.

③



2. Versatility improvement

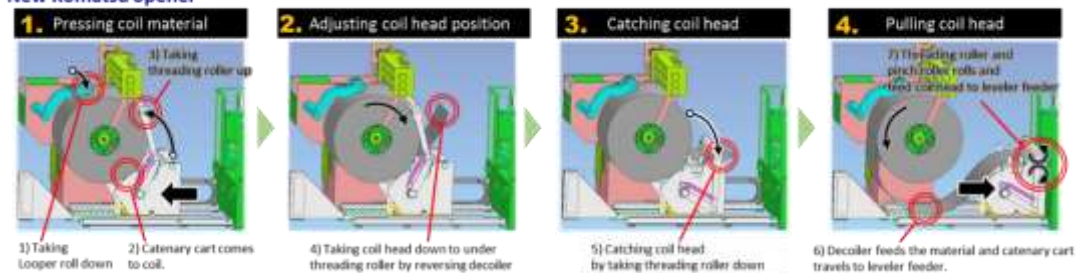
The coil line will handle a wide range from 0.5 mm (0.02") thick to 6.0 mm (0.25") thick. With conventional coil lines, straightening and feeding such a wide range, especially in high tensile steel, was problematic.

3. Easier set-up

① New Uncoiler

The self-propelled new uncoiler allows you to quickly and reliably pass the coil tip to the leveler feeder. An automatic threading "carrier" secures the coil end and automatically feeds it into the leveler feeder.

New Komatsu opener



②Automatic threading table (Optional)

The roller table is attached to the exit side of the feeder and easily guides the material discharged from the leveler feeder to the lower die guide of the die first station.

The table is easily programmed to move in 2 axis directions: horizontal for “telescoping” to the press entry window and vertical for pass line adjustment. Both axis potions can be stored by the die or job number and easily recalled or modified.

③Automatic threading coil for “tail out” feeding (Optional)

For processing the end of the coil, a chain driven feed system is employed.

Tail out feeding is automatic by pushing the end of the coil after it exits the straightener.

【SF100H-1 Main Specifications】

Main Specifications	Units	SF100H-1
Materials		SPC, SPH, High tensile steel
Thickness	mm	0.5~6.0
Coil Width	mm	70~1000
Inner diameter of coil	mm	508
Outer diameter of coil	mm	700~1500
Coil weight	kg	7000
Line speed	m/min	26
Feed Length	mm	500

【Product Summary】

【Machine name】	SF100H-1
【Coil Width】	1000mm
【Release date】	December,2018
【Published price】	JPY60,000,000 (Main unit price in case of Japan domestic sales) ※Consumption tax separately
【Sales target】	20 Units/Year (In the whole series)

About this content, contact to

Komatsu Industries Corp.

Management Group

Sales Management Department

Marketing Division

1-1 Onomachi-shinmachi, Kanazawa-shi Ishikawa 920-0225, Japan

TEL:+81-76-293-4208 FAX:+81-76-293-4354

URL: <http://sanki.komatsu/>