

AUTOMATION FROM SCHULER

COMPACT LINE MODULAR COIL FEEDING LINES. FOR COIL STRIP WIDTHS FROM 300 TO 800 MM.



Compact Line: the strong solution for narrow coil.

PERFORMANCE ALONG THE LINE

For many years, Schuler has been developing and implementing coil feeding solutions for customers using smaller coil widths and lower press capacities. Based on this experience, our decoilers, straighteners and roll feeds are designed precisely to meet the needs of our customers, and our coil feeding lines represent reliable, cost-optimized system solutions.

Your advantages:

- Significant cost savings thanks to pre-defined basic designs and options
- Top-grade components ensure quality, performance and reliability
- Configurable for manufacturing structural parts and outer skin panels
- Simple operating concept
- Comprehensive services available around the world

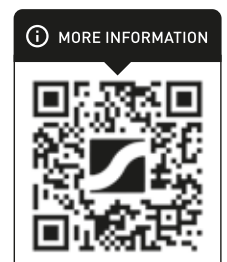
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COIL FEEDING LINES IN LONG SPACE DESIGN
FOR COIL STRIP WIDTHS FROM 300 TO 800 MM

BASIC DESIGN

	TECHNICAL DATA		
	Compact Line	L-BS 0450	L-BS 0650
Coil weight max. [t]	3	5.5	7.4
Strip width min. [mm]	50	110 [40]	110
Strip width max. [mm]	450	650	800
Strip thickness min. [mm]	0.5	0.5	0.5
Strip thickness max. [mm]	4	4	6
Straightening rolls Ø [mm]	70	70	70
Loop radius [mm]	1,000	1,000	1,300

APPLICABLE FOR ALL VARIANTS OF THE BASIC DESIGN

Coil OD min. [mm]	900
Coil OD max. [mm]	1,600
Coil ID approx. [mm]	508
Expansion range [mm]	470 – 520
Straightening speed [m/min]	40
Machine paint	Light gray (RAL7035)
Paint for moving parts	Traffic yellow (RAL 1023)

BASIC MODELS

OPTIONS

Coil loading device

Uncoiler loading by crane

Coil loading cart

Expansion to two or three coil preparation places

Decoiler

Driven decoiler mandrel

Double decoiler

Coil side guiding

Expansion range enlargement

Pressure roller

Automatic draw off

Threading device

Threading support

Threading wedge

Straightener

Machine frame

Coil side guiding

Draw-in roller

Individual adjustment of straightening rollers

Straightener's head can be opened by the operator

Loop unit

Roller cages

Loop bridge

Sensors for loop control

Roll feed

Press attachment fixture with coil side guiding

Metering wheel

Coated feed rollers

Automatic coil side guiding

Servo drive

Off-center adjustment of coil side guiding

Quick lift feature

Hold-back interlock

Height adjustable

Automatic or motorized infeed height adjustment

Coil side guiding

Strip lubrication unit

Spare module location for strip lubrication device

Safety cut-off

TOPOCROM® feed rollers

Performance pack – SP; Performance pack – HP; Performance pack – EHP

Zig-zag

General

Engineering software licensing; Labeling of the line in other languages; Safety guarding