

A large industrial machine, the AZIMUTH 3in1 line, is shown in a studio setting. It consists of a large, dark, circular top section with the brand name 'AZIMUTH' printed on it. Below this is a complex mechanical assembly with a clear safety enclosure. The machine is mounted on a sturdy, dark metal base with four legs. A white hose is connected to the side of the machine.

3in1 line
Decoiler-Straightener-Feeder

Model
AZ-DSF1

Decoiler Straightener Feeder

AZ-DSF1



	Unit	DSF1-400	DSF1-500	DSF1-600	DSF1-800
Max Width	inch	15 ¾	19 ½	23 ½	31 ½
Thickness MIN	inch	0,010"			
Thickness MAX	inch	1/8			
Material I.D MIN	inch	17 ¾			
Material I.D MAX	inch	20 ¾			
Material O.D MAX	inch	47 ¼			
Coil weight MAX	lb	4,400			
Max speed	inch/s	16			



Decoiler Straightener Feeder

AZ-DSF1



Decoiler

- Hydraulic mandrel expansion
- Variable uncoiling speed control
- Pneumatic coil hold-down arm
- 4 wear plate on decoiler
- Photoelectric loop sensor

Servo Straightener feeder

- 11 pcs high-quality straightener rollers
- NSK precision gear driving
- Bottom gear drive roller transmission
- Worm gear roller adjustment for precision straightening performance
- Pneumatic pilot release ensures an accuracy feeding
- Motorized passline height adjustment for die change
- Adjustable support bracket for smooth feeding press



Optional features

- Optional coil car for ease of operation
- Motorized coil guide adjustment
- Rubber for upper pinch roller
- Motorized straightening value adjustment
- Openable straightener upper rollers

Decoiler Straightener Feeder AZ-DSF1



Servo-Straightening capacities will be affected with wider material. The graphic below represents machine capabilities at full width.

