AZIMUTH

Presses & Automation
SINCE 1975



AZ-DS2
Decoiler-Straightener

AZIMUTH MACHINERY
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6040 Route 132, Ste-Catherine, Quebec, Canada, J5C 1B6

AZ-DS2

Combo Decoiler-Straightener



Standard features

- Sapce saver line (combo straightener & Decoiler)
- ABB variable speed drive
- Pneumatic release on straightener
- Non-Motorized decoiler
- Includes loop controller device
- 4140 Steel rolls hardened to 58-64HRC
- Optional Sequential feeding
- Optional GAG Outputs based on sequence

Optional features

- Custom OD/ID for Coil
- Pressure arm
- Digital readout for Straightener adjustment

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Model→ Parameter↓	Unit	AZ-DS2-200	AZ-DS2-300	AZ-DS2-400	AZ-DS2-500	AZ-DS2-600
Max Width	INCH	7.875	11.750	15.750	19.625	23.625
Thickness MIN	INCH	0.012				
Thickness MAX	INCH	0.138				
Material I.D MIN	INCH	17.750				
Material I.D MAX	INCH	20.875				
Material O.D	INCH	48 (optional 60)				
Coil weight MAX	lb	1320.00	2200.00	3300.00	4400.00	5500.00
Max speed	inch/s	15.00				

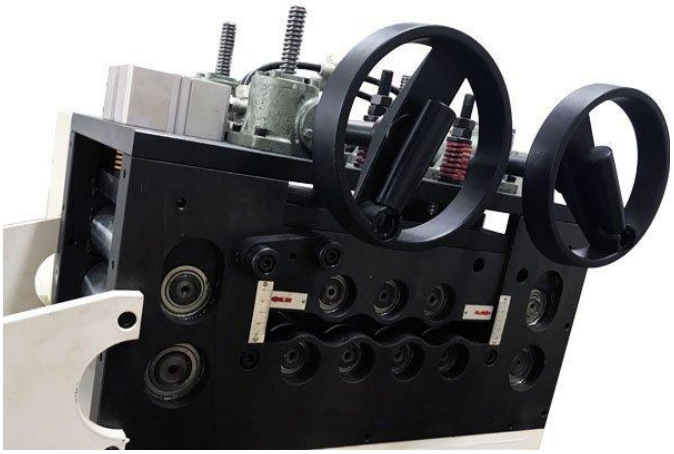
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- Non-motorized uncoiling process
- Manual expansion (Hydraulic is optional)
- Treated wear plates to prevent wear
- Optional pressure arm for



- Motorized straightener
- High quality strength steel
- Pneumatic release
- Adjustment made through eccentric handles for precise straightening
- Loop control at the exit of the straightener
- UL Certified Controller
- Custom voltage available

Combining the compact, space-saving design of the DS2 with the adaptable efficiency of the AZ-F1 creates the ultimate small-space solution, blending modular versatility and modern aesthetics to maximize every inch without sacrificing style, perfect for users seeking a streamlined yet functional setup in limited spaces.



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Feed-line

We excel in providing turnkey solutions with our custom servo feeding systems, designed to accommodate a wide range of materials—from thin sheets to automotive-grade thicknesses. Our dedicated approach ensures that each system is tailored to meet your specific production requirements, enhancing efficiency and performance.

Turn-key solution

At Azimuth, we specialize in creating customized production lines tailored to your exact specifications. Simply send us your part drawings, and our experienced team will develop a solution designed to maximize efficiency and elevate performance across your operations. As part of our commitment to quality, we'll rigorously test and run your production setup before shipment, ensuring flawless installation and seamless integration when it reaches you.

UL® LISTED

We are committed to delivering high-quality, innovative automation solutions tailored specifically for the stamping industry. Our UL certification underscores our dedication to safety and excellence, ensuring that our custom-built systems meet the highest industry standards.