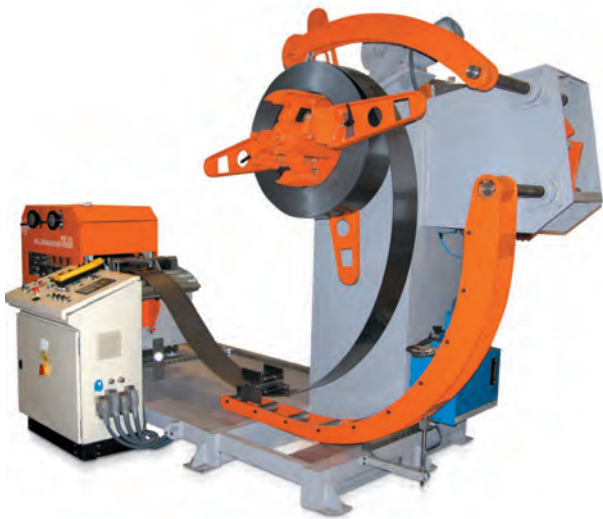# Compact Feeding Line

From single one by one equipment to Compact heavy-duty systems, EAE offers a complete line of straightener/feeder combination units. Responding to the demand for maximum space-saving on the press shop floor, EAE straightener/feeders have a compact decoiler straightener-feeder without reducing quality or speed.

Heavy Duty Hydraulic Decoilers

• Used for decoiling or recoiling metal or non ferrous coils its own
• Rigid, bend resistant and torsionally stiff, welded steel construction body including all steel transmission components
• Fatigue strength computed design, sturdily dimensioned reel shaft with two self aligned roller bearings
• Motorized M and non-motorized NM models
• Worm gear box and chain-chain sprocket mechanism with chain tensioner
• Parallel type gear box with chain-sprocket mechanism and chain tensioner
• Friction and/or pneumatic brake options
• Mandrel expansion: by hydraulic cylinder with rotary joint

• Motor speed is controlled by frequency inverter to obtain acceleration and deceleration ramps with ultrasonic transducer feedback
• Both forward and reverse operation by manual and automatic means
• Pneumatic or hydraulic snubber arm with or without inlet motor
• Pneumatic lower cradle arm(s) to operate 2.5 mm or over thick sheet
• Coil loading time is reduced by hydraulic loading elevator and motorized or hydraulic coil car
• All models are in compliance with CE mark
• Fully documented including operating and maintenance manual in English language

Roll Straighteners

• Rigid, bend resistant and torsionally stiff, bolted, steel block body including all steel transmission components
• Parallel shaft helical geared motor with hollow output shaft
• High precision roll straighteners are built using high quality hardened and ground steel straightening and feeding rollers.
• Back-up roller for wide barrel length
• For gap adjustments top non driven straightening rollers are either separately or totaly adjusted using a worm screw-down mechanism by hand wheel or motor.
• Bottom rollers are driven by synchronised gears which are powered by direct coupled gear motor to the main feeding roller.
• All rollers are supported with self aligned roller bearings.

• Motor speed is controlled by frequency inverter to obtain acceleration and deceleration ramps with ultrasonic transducer feedback
• Entry and exit feeding (pinch) rollers are activated either pneumatic or hydraulic cylinders.
• Both forward and reverse operation by manual and automatic means
• All models are in compliance with CE mark
• Fully documented including operating and maintenance manual in English language
Options:
• Lower inlet table with roller conveyor supporting entry peeler
• Motorized upper inlet table
• Roll cleaning system
• Variable loop control systems
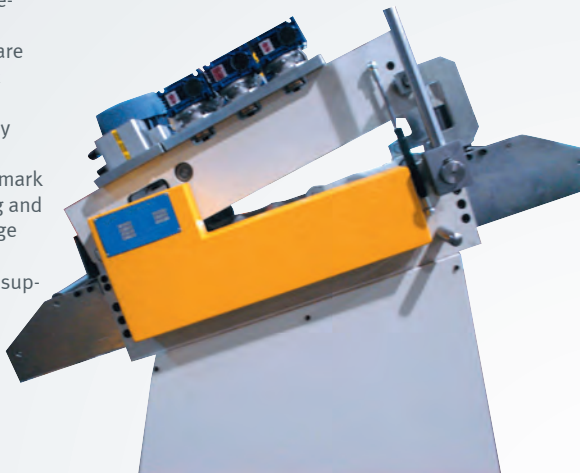
Roll Straightener-Feeders

• Rigid, bend resistant and torsionally stiff, bolted steel block body including all steel transmission components
• Helical bevel or parallel shaft helical geared servomotor mounted with shrink disc-hollow output shaft
• High precision straightener-feeders are built using high quality hardened and ground, alloyed steel straightening and feeding rollers.
• Back-up roller for wide barrel length
• For gap adjustments, top non driven straightening rollers are either separately or totaly adjusted using a worm screw-down mechanism by hand wheel or motor.
• Bottom rollers are driven by synchronised gears which are powered by direct coupled geared servomotor to the main feeding roller.

• All rollers are supported with self aligned roller bearings.
• Entry and exit squaring and guiding tables are adjustable for wide range of strip width.
• Entry and exit feeding (pinch) rollers are activated either pneumatic or hydraulic cylinders.
• Motorized height adjustment system
• All models are in compliance with CE mark
• Fully documented including operating and maintenance manual in English language

Options
Motorized height adjustments,
Strip end take-up unit

Mechanical Decoilers

• Used for decoiling or recoiling metal or non ferrous coils its own
• Rigid, bend resistant and torsionally stiff, welded steel construction body
• SG cast iron transmission components
• Motorized M and non-motorized NM models
• Fatigue strength computed design, sturdily dimensioned reel shaft with two self aligned roller bearings
• Worm gear box and chain mechanism
• Worm gear box and belt-pulley mechanism
• Friction or pneumatic brake options

• Mandrel expansion: Mechanical by manual
• Motor speed is controlled by frequency inverter to obtain acceleration and deceleration ramps with ultrasonic transducer feedback to catch right loop kontrol
• Both forward and reverse operation by manual and automatic means
• Pneumatic snubber arm
• Coil loading time is reduced by double decoiler with turret turntable
• All models are in compliance with CE mark
• Fully documented including operating and maintenance manual in English language

Electronic Roll Feeders

• Heavy duty feeders have rugged bolted steel block body including all steel transmission components
• Helical bevel or parallel shaft helical geared servomotor mounted with shrink disc-hollow output shaft
• High precision feeders are built using high quality hardened and ground steel feeding rollers.
• Back-up roller for wide barrel length
• All rollers are supported with self aligned roller bearings.
• Feeding (pinch) rollers are activated either pneumatic or hydraulic cylinders.

• Bottom and top rollers are driven by synchronized gears which are powered by direct coupled geared servomotor to the bottom feeding roller.
• Entry exit squaring and guiding tables are adjustable for wide range of strip width.
• Pneumatic pilot release is a standard.
• Hydraulic lifting jack height adjustment system
• All models are in compliance with CE mark
• Fully documented including operating and maintenance manual in English language
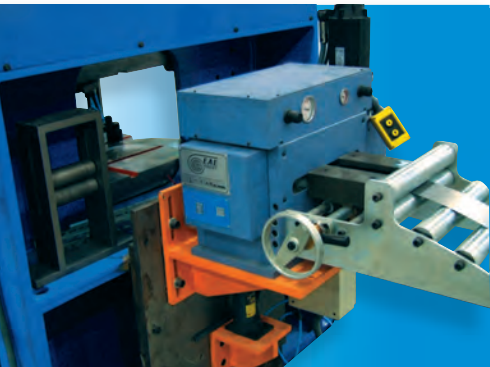
DCHA 15312 M

Arka Looplu Kompakt Ağır Rulo Sistemi
Rear Loop Compact Heavy Coil System

İstif platformu
Stacker platform

Düşmeli İstif
Drop-Trap Door Stacker