

# Bending Coiler

for compact coils and adjustable coil diameter



## Application

Bending coilers are used for torsion-free coiling of wires with dia.  $\geq 4,0$  mm like cold-heading wires, non-ferrous wires and also high tensile steel wires for prestressed concrete which have to be galvanized. Bending coilers are provided for operation with single block and heavy straight-line drawing machines as well.

## Mechanical design features

- Machine frame of strong welded steel structure
- Driven bending rolls
- Driven feeding rolls, 1-3 pairs according to wire dia.
- Adjustment of bending rolls manually or by electric motor for spiral-type laying of wire turns
- Adjustment of feeding rolls manually or pneumatically
- Bending rolls of ground steel
- Feeding rolls made of steel or „Vulkolan“ – coated for wires with sensitive surface
- Take-up reel with individual drive and executed as single- or double-type
- Double take-up on turnstile or on carriage
- Drive of feeding and bending rolls via high-efficiency teeth-belts
- Safety devices designed and executed according to latest EN- standards

## Electrical design features

- Infinitely variable AC motors by frequency converters
- Converters of SIEMENS brand
- Operator panel OP

## Technical Data

Size	Wire dia. range mm	Coiling speed m/s max.	Coil weight kg max.
12	4,0 - 12,0	5,0	3000
16	5,0 - 16,0	5,0	3000

Modifications reserved without prior notice.



Bending coiler with double take-up on turnstile



Bending coiler with spiral-type laying system for production of compact coils