

Vertical Static – Coiler for high coiling speeds



Application

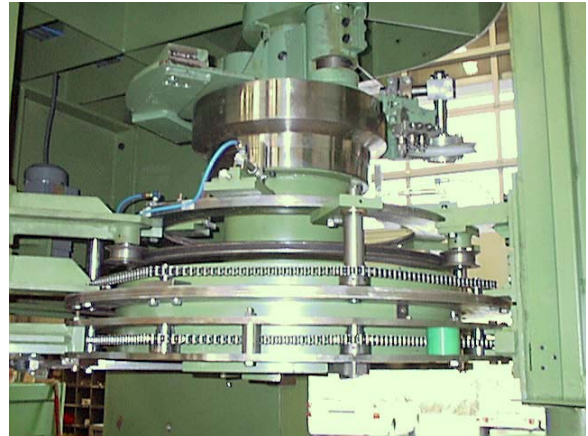
For coiling of steel and non - ferrous wires. Provided for installation behind multiple, slipless dry – drawing machines and multiple wet drawing machines with slip as well, especially in smaller diameter range and for brass wires.

Mode of operation

The machine is designed as static coiler whereat the deadlock of the coiling capstan is brought about by a teeth-belt O-gear (planetary gear system) without support.

Mechanical design features

- Machine frame of strong welded steel structure
- Coiling rotor with integrated wire straightening devices and dynamically balanced
- Static suspended coiling capstan without support mounted at vertical shaft
- Magazine (wire accumulation device) for continuous operation during change of carrier (stem) or barrel
- Turnstile for 2 carriers (stems) or barrels
- Safety devices designed and executed according to latest EN-standards
- Rosette-laying system to achieve higher coil weights as option



Wickelscheibe mit Wickelrotor und Drahtspeicher



Wickelscheibe mit Drahtandrückfinger

Electrical design features

- Infinitely variable AC motor by frequency converter
- Control either as speed regulation in connection with a dancer roll system or as tension control
- Stored- program computer control
- SIMATIC S7 with operator panel



Bedientableau mit OP

Technical Data

Size	Coiling capstan dia.	Wire dia. range	Coiling speed	Filling weight
WV 400	400	0,6 – 1,80	20,0	500
WV 600	600	1,30 – 3,0	24,0	1000

Modifications reserved without prior notice.

Technische Daten

Typ /Baugröße	Wickelscheiben Ø mm	Drahtdurchmesser mm	Geschwindigkeit m/min max.	Füllgewicht max. kg
WV 400	400	0,6 – 1,80	20	500
WV 600	600	1,30 – 3,0	24	1000