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**ECC30/ECC36/
ECC42/ECC800**

Continuous Coiler

For continuous inline coiling of:

- insulated wire
- bare wire
- plated wire



ECC30/ECC36/ECC42/ECC800

For excellent quality coiled packages and higher payout speeds

- excellent coiled package quality at high coiling speeds
- Inline operation with high speed drawing and extrusion lines
- application: insulated stranded conductors, hard and soft bare wire (Cu, Al, Al-Alloys)
- robust construction, easy and reliable operation
- easy synchronization with existing equipment, due to own PLC and dancer for speed adjustment
- strong planetary gear flyer
- high package quality through repeatable and accurate fingers adjustment during operation by means of a motor operated "Spring Finger Gang Adjustment"
- rosette pattern lay using either RDF (Rotating Deflecting Fingers) or RTT (Rotating Thumping Table)
- at next process step: tangle-free payoff at high speeds
- suitable for use with baskets, cardboard barrels and stems (stems require optional door system)

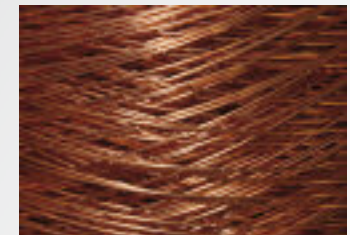
Technical data

coiler type		ECC30	ECC36	ECC42	ECC800
wire range *					
insulated stranded conductor	mm	0.5 - 3.2 (24 - 8 AWG)	0.5 - 4.1 (24 - 6 AWG)	0.8 - 5.2 (20 - 4 AWG)	0.5 - 4.1 (24 - 6 AWG)
soft solid copper	mm	0.8 - 3.2 (20 - 8 AWG)	0.8 - 4.1 (20 - 6 AWG)	0.8 - 4.1 (20 - 6 AWG)	0.8 - 4.1 (20 - 6 AWG)
hard solid copper	mm	0.8 - 2.5 (20 - 10 AWG)	0.8 - 4.1 (20 - 8 AWG)	0.8 - 4.1 (20 - 8 AWG)	0.8 - 3.2 (20 - 8 AWG)
package weight	kg	1,000 - 1,800 (2,200 - 3,800 lb.)	1,000 - 2,200 (2,200 - 4,800 lb.)	1,500 - 2,500 (3,300 - 5,500 lb.)	1,000 - 2,000 (2,200 - 4,400 lb.)
top speed	m/s	31 (6200 fpm)	38 (7600 fpm)	43 (8500 fpm)	34.5 (6800 fpm)
nominal capstan diameter	mm	760 (30 inch)	915 (36 inch)	1,065 (42 inch)	830 (32.6 inch)
drive	kW	30 (40 HP)	30 (40 HP)	30 (40 HP)	30 (40 HP)

optional:

- fixed or rotating door for stems
- stem pusher or chain conveyors for semi-automatic load/unload of baskets
- orbital accumulator

* wire range applicable to RTT



(We reserve the right to modify technical specifications according to technical improvements and advances.)

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