



ECC 16 / ECC 18 / ECC 22 Continuous Coiler

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF



ECC 16 / ECC 18 / ECC 22

Design:

- broadly used for coiling automotive wire
- for insulated, ilated or bare wire applications
- easy synchronization with existing equipment, due to own PLC and coiler mounted dancer
- modern controls and AC drive system are standard
- horseshoe-design rotating table for manual load/unloading operations or semi-automatic

Increase in quality:

- rosette pattern lay: RTT Rotating Thumping Table
- high package quality through repeatable & accurate fingers adjustment during operation by means of a motor operated "Spring Finger Gang Adjustment"
- continuous down coiler for in line operation with tinning or drawing lines and barrel packer for insulated or bare products

Increase in productivity:

- higher pay-off speeds with less tangles during downstream wire processing

- versatile application for materials and packages
 - short barrels, tall barrels, "Pizza boxes" and plastic drums
 - bare & plated copper, aluminum as well as insulated solid & stranded cable

Options:

- dual accumulator for scrap removal of defective wire while running
- coiler mounted boom crane for easy unloading
- off-line operation as a rewind line

Technical data

coiler type		ECC 16	ECC 18	ECC 22
insulated stranded conductor	mm	0.5 – 2.5	0.5 – 2.5	0.5 – 2.5
	mm ²	0.20 – 5.3	0.20 – 5.3	0.20 – 5.3
	AWG	24 – 10	24 – 10	24 – 10
soft solid bare / tinned copper	mm	0.5 – 1.6	0.5 – 2.0	0.5 – 2.0
	AWG	24 – 14	24 – 12	24 – 12
hard solid bare / tinned copper	mm	0.5 – 1.6	0.5 – 1.6	0.5 – 2.0
	AWG	24 – 14	24 – 14	24 – 12
package weight	kg	150 – 300	200 – 550	450 – 650
	lb.	330 – 660	440 – 1,200	1,000 – 1,400
top speed	m/s	17	20	23
	fpm	3,400	4,000	4,600
nominal capstan diameter	mm	420	480	560
	inch	16 ½	19	22
drive	kW	15	15	15
	HP	20	20	20

We reserve the right to modify technical specifications according to technical improvement and advances. 04.2014