

ENKOTEC WIRE COIL COLLATOR

The ENKOTEC wire coil collator, type CWC02, engineered and built by BAUSSMANN, has been designed for making wire welded coil nails using automatic cutter and coiling units driven by servo-drive technology. The machine can produce bright and electro galvanized coil nails with smooth shank, ring shank, screw shank and spiral shank. The loose nails are carried by an ENKOTEC vibration feeder bowl to a pair of guide tracks, in which they are put into the required position and transported to two rotating welding electrodes at a speed of up to 3,000 nails per minute. The nails get connected to each other with two welding wires by resistance welding technology. After the welding, the endless strip is cut to the required length and automatically wound. The nail coils get pushed off the coiling unit and can be taken over manually or fully automatically by an optional extension unit. Other options include packaging equipment with no extra carton handling, online coating, additional extension modules, jumbo coils up to 220 mm, high-load coils up to 370 mm, conical wounded coils.



ENKOTEC Advantages:

- Highest efficiency with low energy consumption
- Servo-drive technology
- Operator-friendly construction built on experience
- Linear welding electrode movement by proportional valves, thereby always same pressure and welding point (independently from electrode diameter)
- Minimum changeover times
- Extremely high tool life time
- Specialized high frequency inverter
- Quick release system securing no welding scraps
- Closed cooling circuit for inverter, trafo and electrodes
- All parameters adjustable and storable via touch panel
- ENKOTEC designed and built feeder bowl

ENKOTEC CWC02 Specifications	
Output per Minute	Up to 3,000 nails
Nails per Coil	170 – 1,500 pcs
Nail Length	25 – 100 mm / 1" – 3.9"
Wire Diameter	Ø2.0 – 4.0 mm / 0.079" – 0.157"
Air Consumption	Approx. 800 l/min. / 210 gpm. / 48 m ³ /h 6 bar / 87 psi.
Power Consumption	From 2,2 KW/h depending on nail size
Dimensions	L=2,300 mm, W=1,700 mm, H=1,800 mm L = 7' 7", W = 5' 7", H = 5' 1"
Weight	1,500 kg / 3,307 lbs.



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Sales/JW 11.16