

## ENKOTEC PLASTIC STRIP COLLATOR

The ENKOTEC plastic strip collator, type CPS01, engineered and built by BAUSSMANN, is designed for making plastic collated strip nails, using servo-drive technology in all processes. The machine can produce bright, electro, hot dipped galvanized and stainless steel nails, with smooth shank, ring shank and screw shank. The nails are carried by an ENKOTEC feeder bowl to a pair of guide tracks, in which they are put into the required position and transported to two plastic extruding heads at a speed of up to 2,000 nails per minute. Two water cooled pressure wheels shape and cool the plastic into a strip. After the plastic forming process, the endless strip is cut to the required length and thereafter coated by a dosing pump. The strip handling unit PSC01 takes over the nail strips from the CPS01 and stores the coated strips in a rotating wheel for a sufficient drying period. Afterwards, the strips are stacked in up to 10-strip-stacks onto a conveyor belt, where the stacks are picked off and packed into cartons by the operator.



### ENKOTEC Advantages:

- Highest efficiency with low energy consumption
- Servo-drive technology
- Operator-friendly construction built on experience
- Minimum changeover times
- Extremely high tool life time
- Low scrap and high OEE
- Closed cooling circuit for plastic moulding process
- Adjustments via touch panel
- ENKOTEC designed and built feeder bowl

ENKOTEC CPS01 Specifications	
Output per Minute	Up to 2,000 nails
Nails per Strip	20 – 40 pcs
Collating angle	17 - 34°
Nail Length	45 – 100 mm / 1.77”– 3.9”
Wire Diameter	Ø2.5– 4.0 mm / 1”– 0.157”
Air Consumption	Approx. 800 l/min. / 210 gpm. / 48 m <sup>3</sup> /h 6 bar / 87 psi.
Power Consumption	From 2,2 KW/h
Dimensions	L=2,318 mm, W=2,160 mm, H=2,599 mm L = 7' 7", W = 7' 1", H = 8' 6"
Weight	2,100 kg / 4,629 lbs.

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