

# SINTER PRINTING FOR WIRE AND CABLE

## PERMANENT PRINTING & SEQUENTIAL MARKING

The Taymer *Sinter 3000 Permanent Sequential Marker* is designed specifically for emboss printing using a powder that embeds into the cable jacket at the extruder head. The plastic powder print results in a permanent, sequential mark that does not affect the properties of the cable being manufactured. Clear, permanent legends, either single or double sided, are produced at speeds of 100m/min and more.

The PLC and servo drive combination keeps the operation simple and ensures that very accurate sequential marks are made on the cable. This ease of operation and setup reduces scrap, production delays and the risk of damage to delicate communication and fiber optic cables. These standard features and more make the *Taymer Sinter 3000 Printer* a new generation in wire and cable printing.



**Model Sinter 3000**

### FEATURES

- Servo motor system provides accurate length measurement +/- 0.1%
- Embossed printing
- Both double and single sided printing
- Easy calibration through industrial toggle switch
- Rapid changeover of print legend to minimize production interruptions
- Optional coding head for rapid changeover of product code or run identification
- Rugged, durable construction for the production environment
- Heavy duty castors and jack screws for easy movement in and out of the production line



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## SINTER PRINTING SPECIFICATIONS

- Print interval: Two feet or one meter
- Cable size: 10 to 102 mm diameter (.4" to 4")
- Design Speed: 150 meters/minute
- Drum drive: Micro controlled brushless servo
- Correction adjust increments: 1 part in 10,000 ±
- Type form: Engraved steel, hardened
- Character height: 1.6 mm to 8.0 mm
- Print legend length: 240 characters metric at 7 characters per 25 mm
- Print colours: White, black, yellow (others on request)
- Capacity, powder: 2 reservoirs
- Sequential marking: 5 digit
- On the fly reset: No
- Machine layout: Left to right or right to left
- Print Interval: Metric or Footage
- Power requirements: 208 - 240 VAC 16A, single phase, 50/60 Hz
- Compressed air: 80-100 PSI, dry
- Jacket materials: Nylon, PVC, Med & HDPE, various cross-linked and semi-conductive materials
- Spent powder takeup: Vacuum
- Fault & warning signals: 8 digit status display and warning light
- Stopped line response: Print wheels disengage
- Emergency stop: Standard
- Machine weight: 250 kg (500 lbs)
- Machine dimensions: 760mm X 915mm X 1120mm (L X W X H)  
Control panel max height 1680mm  
30" X 36" X 44" (L X W X H)  
Control panel max height 66"
- Mounting: Caster base with leveling screws



*Sinter 3000 print sample*