



SIGNOMAT

This system allows highly resistant cable printing without affecting the mechanical or electrical properties of the material. The marking is visible, palpable and absolutely abrasion proof, what is useful e.g. in shafts where bad lighting conditions are prevailing: the form of the signs can be felt thanks to the surface roughness of the used sinter powder. The resistance to abrasion, weather conditions, humidity and aggressive soil gives the Signomat printer undoubtedly advantages opposite the ink jet printing system.

Unique process:

The marking is performed directly on the hot plastics, i.e. just after extrusion. Two marking wheels put the synthetic powder onto the extruded material at the distance requested and in compliance with the forms required. The sinter powder unites tightly with the surface of the extruded material. No additional heating is needed since the residual heat of the plastic material is used to melt powder and sheath (between 150° and 180°C).

Technical Details	
Production speed	3 - 100 m / min
Range of diameters to be marked	6 - 100 mm
Circumference of marking wheel	1000 mm
Circumference of guiding wheel	1000 mm
Metering distance	1000 mm
Working height	950 - 1200 mm
Precision	< 1%
Marking powder consumption	appr. 250 g / km
Connected load	230 / 400 V
Connection power	ca. 1,0 kW
Line frequency	50 Hz
Electrical connection (CEE-connector plug)	16 A
Compressed air: Pressure	6 bar
Compressed air connection (quick release)	1/2 inch
L x W x H	appr. 800 x 800 x 1300 mm
Weight	appr. 300 kg
Colour	RAL 7005 mousegrey



Recommended equipment

suction cleaning for powder

Guiding wheel

Marking wheels

Labelling segments

rotary pulse encoder

connecting cable for rotary pulse encoder

Impulse splitter for rotary pulse encoder

Length measuring devices

Powder level control