

热熔标线机械综述

A BRIEF INTRODUCTION TO
THERMOPLASTIC MARKING MACHINERY



The thermoplastic road marking is very common. Different from Cold paint road marking, its construction needs a complete set of numerical equipments to complete the whole construction steps from melting to marking. This basic combination is usually composed of a thermoplastic Pre-Heater, road marker (including the zebra crossing marker), pre-marking machine and primer. Certainly, customers can purchase different equipment with different model numbers, functions and grades according to their own economic strength, project scale and degree of specialization.

According to different marking ways, the thermoplastic road marking machinery can be divided into thermoplastic screeding type, thermoplastic extrusion type and thermoplastic spraying type. These three types can be again divided into marking truck, driving type, self-propelled type and hand-push type in terms of different automation degree, functional configuration, construction quality and efficiency.

In addition, users can purchase the auxiliary machines like steel brush remover, wind-force road cleaner, trailer and loader to reduce labor inputs in construction, improve the marking construction's efficiency and quality and enhance its safety and environmental protection. The application of these machines can achieve the goal of less input, more output and comprehensive cost reduction.

热熔标线是一种较为常见的道路标线。其施工方式与常温标线不同，需要有一套数台设备分别完成从熔料到标线各个环节的施工功能。该套设备一般由热熔釜、标线机（含斑马线标线机）、预标线机、下涂剂机组成基本配置。当然，用户可根据其自身的经济实力、工程量大小及专业化程度等不同可选购不同型号、不同档次和不同功能的设备配置。

上述基本配置中热熔标线机依据其标线方式不同又可分为热熔刮敷型、热熔挤压型和热熔喷涂型三个类型。三种类型中按照自动化程度、功能配置及施工质量与效率等不同又分为标线汽车、乘驾式、自走手扶式及手推式四个种类。

另外用户为减少施工时的人力投入，提高标线施工的效率和质量，增加标线施工的安全性和环保性，还可选购钢刷清除机、风力净路机、拖车及装卸车器等标线附属类机械，以达到少投入、多产出及降低标线施工综合成本等的目标。

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