



## 双组份标线机械综述 A Brief Introduction to Two-component Road Marking Machinery

The two-component road marking is a new type and superior road marking and popular in recent years. It is different from thermoplastic and cold plastic road marking, which forms coating relying on chemical reaction instead of physical drying such as temperature falling or solvent (water-based) volatilizing. The two component road marking machinery can be divided into swing structure type, screeding flat-line type and high-pressure airless spraying type according to different paints and different construction shapes.

Meanwhile, these three types can be divided into marking vehicle, driving type and self-propelled type according to different degree of automation, functional configuration, construction quality and efficiency. As for the two-component marking vehicle, its truck platform and electronic control system are basically the same with the airless road marking truck except its functional module.

Moreover, users can purchase the auxiliary road marking machines like pre-marker, 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. These machines can achieve the goal of less input, more output and comprehensive cost reduction.

双组份标线是近年来兴起的一种高端标线，与热熔标线和常温标线靠温度下降或溶剂（水性）挥发等物理干燥方式形成涂膜不同，双组分标线是一种靠内在化学交联而形成涂膜的一种新型标线。用于施工双组份标线的标线机械按其所适用的涂料的类型及所施工线型的外观不同又分为甩涂结构型、刮敷平线型及高压无气喷涂型三种类型。

同时，上述三种类型按其自动化程度、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、手扶自走式及手扶式四种类型。双组份标线汽车因其除标线功能模块有所区别外，其余如卡车平台、电子控制系统等均与常温型标线汽车大同小异，故在此不再叙述。

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，还可选购预标线机、钢刷清除机、风力净路机、拖车及装卸车器等标线附属型机械，以达到少投入、多产出及降低标线施工综合成本等目的。

