

The Big-size Screeding Thermoplastic Road Marking Machine is a professional road marking machine with high efficiency, which is suitable for marking highway, urban road and local road with large construction square and so forth.

◆1.Engine: 37HP water-cooled electrical starting diesel engine with five-cylinder in-line that is environmental protection with low noise and display of water temperature, voltage and engine oil. The highest speed is 3000RPM and its fuel tank capacity is 50L.

◆2.Driving system: Imported oil pressurized continuously variable speed transmission system (HTS) with automatic brake device that can freely go ahead, back off and stop.

◆3.Driving speed: Forward 0-22km/h, back off 0-12km/h. Maximum climbing capacity: 15°.

◆4.Heating mode: Adopting advanced infrared gas heater or injecting diesel heater (alternative), saving more than 50 % fuels during construction.

◆5.Glass beads spraying system: Equipped with 120L pressurized glass beads bin with windows that can uninterruptedly spray glass beads. Equipped with single glass beads spraying gun, whose pressure, flow rate and spray width can be freely adjusted to ensure spraying glass beads firmer, even and more economical.

◆6.Marking shoe: Equipped with hydraulic screeding marking shoe; structure board is made of imported special steel sheet with high-temperature resistance (2000℃), oxidation resistance and deformation resistance. It has much better stability after stamping. The plinth is the pneumatic screeding structure that is made of special alloy steel. Floor knife that contacts with the ground directly adopts imported hard tungsten steel knife-head. The precision manufacture technique ensures its better sensibility, abrasion resistance and firmness. The marking has more regular raised shape, even and straight bottom line edge, and perfect head. The standard configuration of the marking shoe is 150mm. (Option for other sizes according to the needs of customers).

◆7.Electronic control: Set up various standard line type control mode to realize micro-electronic intelligent control; it can be freely adjusted according to the customer's personalized needs.

◆8.Chassis: Firm welded frame, four-wheel structure with a 500mm inflatable pressure-proof wheel. The operators can operate the machine sitting on the left or right and use the hydraulic steering to freely control directions. The stable brake system makes the driving more secure.

◆9.Paint tank: Equipped with cold rolled, anti-oxidant, steel conduction oil insulated heating tanks whose heating temperature can be automatically controlled according to the paints chose by



DY-BTSC 大型刮敷式热熔标线机 Big-size Thermoplastic Screeding Road Marking Machine

users, equipped with electric hydraulic stirring device inside it. The tank's capacity is 325 L.

◆10. Guide rod: The extractable hydraulic guide rod can change directions freely to up, down, left or right.

◆11. Warning function: At the top part of the marking machine, equipped with warning lights whose flicker frequency (sudden flicker frequency) can be freely adjusted. The electronic warning arrow at the back (the flashing direction is adjustable) of the vehicle can improve the safety of road marking operation.

◆12.Transportation: Option for the trailer with thermoplastic Pre-Heater that is convenient for long-distance transportation and melting.

◆13.Size & Weight: 5600mm (L) × 2280mm (W) × 2690mm (H) • 2800kg (excluding the gas container, with a 150mm marking shoe).

This machine could be equipped with extra relative devices according to customers' requirements to realize integrated multi-function (meet construction requirements of thermoplastic, vibrating, high-pressure airless spraying, air auxiliary spraying, screeding type two-component and structural type two-component).

大型刮敷式热熔标线机是一款适用于高速公路、城市道路及地方公路等具备较多施工面积的工程施工使用的高效专业类标线施工机械。

◆1.引擎：37HP水冷式电启动五缸直列式低噪音环保型柴油机，带水温、电压、机油显示，最高转速3000转/分。燃油箱容积50L。

◆2.驱动系统：原装进口带自动刹车装置的油压式无级变速系统（HTS），前进、后退及停止操作简便。

◆3.驱动速度：前进0-22km/h；后退0-12km/h；最大爬坡能力：15°。

◆4.加热方式：该机采用先进的燃气红外线加热或压力喷射烧油加热方式（可选），故施工中可节省不低于50%的燃料投入。

◆5.玻璃微珠喷播系统：配120L加压式带视窗玻璃珠贮罐。单配可调压力、流量及喷幅的玻璃珠喷枪，确保喷珠更牢固、更均匀、更节省。

◆6.划线方式：配置液压刮敷式划线斗，结构板为进口耐高温（2000℃）、抗氧化、不变形特殊钢板材料，经冲压后稳定性更佳。基底为特制合金钢气动刮敷式工作结构。落地刀为进口硬质钨合金刀头。该斗精密的制作工艺确保其传感性、耐磨性及牢固更佳，所划标线凸起形状更为整齐，底线边沿更准直、头部更完美。划线斗标准配置150mm（其余尺寸可根据用户要求配置）。

◆7.电子控制：设置多种标线标准控制方式，实现了微电子智能控制，并可根据用户个性化需要任意调整线型。

◆8.底盘：坚固焊接框架，四轮结构，轮胎为充气式耐压工程轮，轮直径为500mm。操作员左侧或右侧乘坐式操作，操作员通过液压助力式方向盘自如控制转向。装有稳定的刹车系统，行驶更安全。

◆9.涂料桶：冷轧抗氧化钢制导热油保温加热桶，加热保温温度可根据用户所选涂料品种不同自由控制，配置液压式直立叶片型搅拌装置。桶容量325L。

◆10.导向杆：液压自动控制导向杆，上、下、左、右调整便利。

◆11.警示功能：划线机上部配置可自由调整闪烁频率的警示灯（后尾部可选配可任意调整箭头闪烁方向的电子警示箭头），提高了标线作业的安全性。

◆12.运输：可选装带热熔釜拖挂车，方便本机的长途运输及熔料。

◆13.外形尺寸·整机重量:5600mm（长）×2280mm（宽）×2690mm（高）•2800kg（不含燃气罐，配150mm划线斗）。

可根据用户要求，加配相关装置实现一机多用（可满足热熔，振荡，高压无气喷涂，空气辅助的喷涂，刮敷型，双组份，结构性双组份的施工需要）