



## DY-BTS 乘驾式空气辅助型热熔喷涂标线机 Big-size Thermoplastic Spraying Road Marking Machine

This machine is a low-pressure air spray thermoplastic spraying machine with high efficiency and flexibility, whose spray thickness is adjustable and not effected by the old marking line.

- ◆ 1.Engine: 45HP water-cooled electrical starting diesel engine with four-cylinder in-line that is environmental protection with low noise. The fuel tank Capacity is 60L.
- ◆ 2.Heating mode: Infrared propane heating, electronic ignition, automatic temperature control and conduction oil heating that can save more than 30% fuel compared with traditional heating mode, and make the heating evener, quicker, more secure and more environmental protection .
- ◆ 3. Driving system: Imported oil pressurized continuously variable speed transmission system (HTS) with an automatic brake device that can freely go ahead, back off and stop. The left and right back wheels are equipped with a differential speed gearing to ensure it to drive freely around the curve and change directions timely. Driving speed: 0-22km/h, maximum climbing capacity: 15° .
- ◆ 4. Marking mode: Single or double equipped with atomized air-auxiliary spray gun with low pressure. The atomized gas's heating oil recycle pump and heat exchanger in this system is able to improve the spray effect.
- ◆ 5. Glass beads spraying system: Equipped with double 120L pressurized glass beads bin with windows that can uninterruptedly spray glass beads. Equipped with Single or double glass beads spraying guns on the left or right, whose pressure , flow rate and spray width can be freely adjusted to ensure the spraying glass beads firmer, evener and more economical.
- ◆ 6.Electronic control: Multi-functional interface; It can be set with various marking types when out of factory according to the requirements of the users. The line type and its length can be freely adjusted to meet the users needs during construction, realizing the full intelligent control. Continuous line and broken line can be finished together in the same program.
- ◆ 7.Paint tank: Equipped with cold rolled, anti-oxidant, steel conduction oil insulated heating tanks with horizontal hydraulic stirring device inside it. The tank's capacity is 300L. The wall of container can be unloaded when cleaning. The emergency valve at the discharging hole closes automatically when the pressure in the tank falls.
- ◆ 8.Air compressor: 2m<sup>3</sup>/min two-diameter piston type compressor; the air source storage tank can adjust the pressure and is installed with a safe automatic exhaust device.
- ◆ 9.Warning system: Equipped with double 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.
- ◆ 10.Guide rod: The extractable hydraulic guide rod can change directions freely to up, down, left or right.
- ◆ 11. Pre-marking system: Equipped with pre-marking system. It is able to finish the cleaning work mean while the marking operation and the pre-marking work for another line, which greatly improves the efficiency of the road marking construction.
- ◆ 12. Size & Weight: 4300mm (L) × 1800mm (W) × 2300mm (H) · 2500kg.
- ◆ 13. The seat can be overturned and easy to operate and maintain. The operation device and related system can stretch on both sides to meet different customers operation habits.

### Notes:

- ◆ 1.Option for screeding charging bucket with screeding marking function according to the requirements of customer.
- ◆ 2.Option for trailer with thermoplastic Pre-Heater trailer for long-distance transportation and melting paint according to the requirements of customer.

该标线机为低压空气辅助型喷涂式标线机，施工线型厚薄可任意调节，复线施工不受旧线影响，是一款高效率、高灵活性的通用型标线机。

- ◆ 1.引擎：45HP水冷式电启动，四缸直列式低噪音环保型柴油机。燃油箱容积60L。
- ◆ 2.加热方式：丙烷气红外线热源，电子点火，导热油加热，比传统热源加热方式节省燃气30%以上。加热更均匀、更快捷、更安全、更环保。
- ◆ 3.驱动系统：原装进口的带自动刹车装置且前进、后退及停止可灵便操作的油压式无级变速系统（HTS）。左右后轮为差速式传动装置，弯道行驶及转向时更灵活。驱动速度0-22km/h，最大爬坡能力为15°。



- ◆ 4.划线方式：左（或右）侧单配（或两侧双配）低压空气辅助式喷涂枪。系统内雾化气的加热油循环泵及热交换器提高了喷枪的喷涂效果。
- ◆ 5.玻璃珠喷播系统：双配联通式120L加压型带视窗玻璃珠贮罐，可实现施工期间不间断喷珠。左（或右）侧双配或单配可调压力、流量及喷幅的玻璃珠喷枪，喷珠更牢固、更均匀、更节省。
- ◆ 6.电子控制：设置多功能操作界面，出厂时可根据用户国别需要设置好各类常用施工线型，并可满足用户在使用过程中对线型及其长度的任意调整，实现标线过程中的全智能控制。连续线和间断线可以在同一程序内完成。
- ◆ 7.涂料桶：冷轧抗氧化钢制导热油保温加热桶，内置液压卧式叶片搅拌装置。料桶容量300L。桶内的容器壁在进行清洗时可卸下。当桶内压力下降时，在料桶与涂料出口处的一个应急阀门会自动关闭。
- ◆ 8.空压机：2m<sup>3</sup>/min排量双级活塞式气泵。气源贮压罐内压力可调并配有自动安全排气装置。
- ◆ 9.警示装置：双配可自由调整闪烁频率（或爆闪）型警示灯。车尾部配置的电子警示箭头（可任意调整箭头闪烁方向）提高了标线作业的安全性。
- ◆ 10.导向杆：液压控制抽拉式导向杆，上、下、左、右调整便利。
- ◆ 11.预标线系统：随机配置预标线系统。在标线作业同时完成另一条线的预标线作业，大幅度提高了标线施工的效率。
- ◆ 12.尺寸·整机重量：5300mm×2200mm×2300mm·2650kg。
- ◆ 13.座位可翻起，操作、维修及保养方便。操作装置及相应操作系统可向两侧任意延伸，以满足不同客户的操作习惯。

- ◆ 1.本机型可根据客户需要选配刮敷型料斗，以兼具刮敷式标线功能。
- ◆ 2.本机型可根据客户需要选配带热熔釜拖车以方便本机长途运输及熔料。