# DY-SPTC-Ⅰ/Ⅱ 自行手扶式热熔（震荡）标线机
# Self-Propelled Thermoplastic (Convex) Road Marking Machine

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DY-SPTC-I/II Self-propelled road marking machine can finish convex marking through the micro-computer system, sensing system, air compressor, driving system, etc with one machine in one time. The regular trapezoid convex markings shape, convex height and convex spacing can meet different needs of various roads, and completely conform to the international vibrating and reflective standards, and with stronger deformation resistance, abrasion resistance and shock resistance etc.

◆1. Engine: Japanese Robin 6.0HP or Honda 5.5HP four-stroke air-cooled gasoline engine with hand starting (option for electrical starting gasoline or diesel engine or electrical starting liquefied gas engine).

◆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 0-4km/h, back off 0-3.2km/h.

◆4. Maximum climbing capacity: 15 °.

◆5. Electronic controller: Set up various standard convex spacing, and realize PLC micro-electronic intelligent control. Freely adjust the length and spacing according to the needs of customer individual needs, and according to the needs of customer, freely adjust the convex quantity and height, the normal convex height: 3-7mm. I type adopts knob controller, II type adopts digital controller.

◆6. Paint tank: Heating preservation tank that is made of stainless steel or cold rolling oxidation resistant steel is equipped with erect type hand (or pneumatic) stirring device. Capacity: 65L (about 120kg). The heating temperature can be freely controlled (0-300℃) according to the different kinds of paint chosen by user.

◆7. Glass beads bin: Bin with window, which can check the quantity of glass bead. Capacity: 14L.

◆8. Glass beads dispenser: The automatic quantitative dispenser synchronous with the paint screeding system, ensures dispensing glass beads much evener and more economical.

◆9. Chassis: A firm welded frame, whose surface has been coated chrome or treated by high temperature spraying, equipped high speed imported bearing ensures the whole machine running lightly and more convenient.

◆10. 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 technique ensures its better sensibility, abrasion proof and firmness. The marking has more regular raised shape, evener and straight bottom line edge, and perfect head. The standard configuration of the marking shoe is 150mm.

◆11. Rear wheel directional device: Lockable directional device can ensure the road-marking machine moving in straight lines and turning freely incurved road.

◆12. Marking width: Change different specifications of shoe (100,150,200,300mm) according to the needs of the project.

◆13. Marking thickness: The thickness of bottom line (1.5-2.5mm) and the convex height (3-7mm) can be freely adjusted through adjusting the control device of the floor knife and the convex height.

◆14. Size & Weight: 1420 mm (L) x 1070mm (W) x 1120mm (H) · 248kg (excluding the gas tank, with a 150mm marking shoe).

※Option for operator standing trailer chassis.

DY-SPTC-I/II自行手扶式热熔（震荡）凸起标线机通过微机系统、传感系统、空压系统、行走驱动系统等完成了一机一次成型凸起标线的施工作业。其所划标线整齐的梯形凸起形状、凸起高度及凸起间距能满足各种道路的不同需要，完全符合国际通用的震动及反光标准，并具有较强的抗变形、耐磨损和抗冲击等性能。

◆1.引擎：日本罗宾6.0HP或本田5.5HP手拉或电启动四冲程空冷式汽油发动机（可选配电启动汽油或柴油发动机及液化气发动机）。

◆2.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）。

◆3.驱动速度:前进0-4km/h；后退0-3.2km/h。

◆4.最大爬坡能力：15度。

◆5.电子控制器：设置多种标准间距，实现了PLC微电子智能控制。并可根据用户个性化需要任意调整凸块数量、凸块长度、凸块高度及凸块间距，凸块数量及凸块高度可根据用户需要随时调整。标准凸起高度：3-7mm。SPTC-I型为旋扭式控制器；SPTC-II型为数显式控制器。

◆6.涂料桶：不锈钢或冷轧抗氧化钢制保温加热桶，配直立叶片式手动（或气动）搅拌装置。桶容量65升（约120kg）。涂料桶加热温度可
根据用户选用涂料品种的不同自由控制（0-300℃）。

◆7.玻璃微珠贮存箱：带视窗贮箱，能及时窥知箱内玻璃珠存量，箱容量14升。

◆8.玻璃微珠撒播器：与涂料刮敷系统同步离合的可变量自动定量撒播器，确保撒珠更均匀、更节省。

◆9.底盘：坚固焊接框架，表面经镀铬或耐高温喷涂处理。配置高速型进口轴承，保证整机更轻盈、更灵便。

◆10.划线斗：结构板为进口耐高温（2000℃）抗氧化不变形特殊钢制板材，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、耐磨性及牢固性更佳，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。

◆11.后尾轮定向器：可锁定后尾轮定向装置，确保划线机沿直线定向或弯道转向自如。

◆12.标线宽度：可根据工程需要更换不同规格（100、150、200、300mm）的划线斗。

◆13.标线厚度：经调整落地刀和凸起高度控制装置可自由调整底线厚度（1.5-2.5mm）和凸起高度（3-7mm）。

◆14.外形尺寸·整机重量:1420mm（长）x1070mm（宽）x1120mm（高）·248kg（不含燃气罐，配150mm划线斗）。

※注：可选装操作员站乘拖挂车。



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