



## DY-FHDP-I/II 四轮式液压型双缸热熔釜 Four-wheel Model Hydraulic Double-Cylinder Pre-Heater

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DY-FHDP-I/II Four-wheel model hydraulic double-cylinder pre-heater is a trailer type melting facility, which equips with pneumatic (or hydraulic) brake, warning light whose flicker frequency can be flexibly adjusted and low temperature combustion device which ensures fully burning liquefied gas. The aims of developing this machine are to reduce the quantities of construction vehicles and operators, reduce construction cost, improve work efficiency and construction safety and avoid the trouble with loading and unloading the pre-heater for users.

- ◆ 1. Engine: 18HP water-cooled or air-cooled electric starting diesel engine.
- ◆ 2. Stirring: Diesel engine drives stirrer to run through gear pump, dual control valve, overflow valve and hydraulic motor.
- ◆ 3. Hydraulic oil tank: Tank is designed with windows, hot-spreading slice and indication of oil temperature, capacity is 50L, use 68# hydraulic oil.
- ◆ 4. Heating mode: Propane gas tank supply gas to the imported stove in and outside igniter. The imported stove can save fuel by over 10% compared with traditional domestic stove; it has advantages of fast heating speed, high heating efficiency and more environmental protection etc.
- ◆ 5. Melting cylinder: It is made of special steel with scorch resistance, heating resistance and oxidation resistance, the bottom of melting cylinder is arc shape that is formed by stamping, inside is equipped with the erect type multi-vane hydraulic stirrer, Melting capacity is much more, and melting quality is much better. Capacity: 2\*215L.
- ◆ 6. Thermometer: Each container is equipped with double imported conduction oil sensing thermometer with heating resistance and shock resistance, which makes displayed temperature more accurate and easily observed.
- ◆ 7. Operation control: The manual dual control valves respectively control two stirrers in the two cylinders to do positive and negative agitation. The patent anti-malicious and anti-irregular operation system can protect the machine from damage better.
- ◆ 8. Heating system: The conduction oil or high-tech filling heat preservation material sand multiple heat preservation system ensure much longer heating preservation time and consuming much less fuel, and efficiently melting.
- ◆ 9. Ventilating exhaust system: There are four suction-type chimneys at the top of cylinder, which can fully discharge smoke and dust produced by burning.
- ◆ 10. Discharge outlet: Lockable discharge trough and the close intermeshing

type discharge system ensure open and shut more safety, accurate and convenient.

◆ 11. Structure: Integrative welded structure with high strength and heating resistance. Outer covering is made of cold-rolled high strength steel with oxidation resistance and heating resistance, whose surface has been coated by abrasion resistance and heating resistance spraying treatment. The pedal plate is made of anti-skid steel sheet.

◆ 12. Safety device: Equipped with overload automatic protective device that makes stirring automatically breaks away in emergency, and fire extinguisher and lighting devices ensure the safety of the operator and equipment.

13. Size & Weight: 4500mm (L) x 1680mm (W) x 2250mm (H) • 2200kg.

DY-FHDP-I/II 四轮式液压型双缸热熔釜是一种拖挂行走式熔料设施。随机配有气动 (或液压) 刹车装置、可自由调整闪烁频率的警示灯和确保液化气充分燃烧的低温燃烧装置。其研制目的主要是为减少施工时机动车辆及操作人员的配置数量,降低施工成本,提高工作效率和施工现场的安全性,并可免去用户施工前后装卸热熔釜的麻烦。

- ◆ 1.引擎: 18HP水冷式或风冷式电启动低噪音环保型柴油机。
- ◆ 2.搅拌方式: 柴油机经齿轮泵、双联控制阀、溢流阀及液压马达等带动搅拌器工作。
- ◆ 3.液压油箱: 带视窗、散热片及油温显示的油箱设计,油箱容量50L,内装68#液压油。
- ◆ 4.加热系统: I型由丙烷气罐经阀门为釜腔进口炉具及外置点火器供气,进口炉具比传统国产炉具节省燃气10%以上; II型选用红外线加热系统或柴油加热系统及实现熔料温度的自动设定和自动控制。红外线加热炉具比传统炉具节省燃气60%以上,柴油喷射加热系统比传统炉具节省燃气20%以上,这两种加热系统还具有加热速度快、效率高、更环保等特点。
- ◆ 5.熔料缸: 抗焦烧、耐高温、抗氧化圆弧形特种钢冲压锅底,直立叶片式多重液压搅拌器,所熔涂料数量更多,质量更佳。缸容量为2X215L。
- ◆ 6.温度表: 每缸各双配进口导热油传感式耐热抗震温度表,观察温度更方便,温度显示更准确。
- ◆ 7.操作控制: 手动双联控制阀分别控制两缸内搅拌器做正反搅拌,专利的防恶意及不规范操作系统,能更好地保护机器免受损伤。
- ◆ 8.保温系统: 导热油或高科技填充型保温材料,加之多重保温系统,熔料保温时间更长,燃料消耗更少,熔料效率更高。
- ◆ 9.通风排气系统: 釜顶设有四个抽吸式烟囱,充分排出燃烧室和釜腔内产生的烟尘和废气。
- ◆ 10.放料口: 带可锁定放料槽的齿合式紧密型放料系统,开合更安全、更准确、更方便。
- ◆ 11.结构: 一体型高强度耐高温焊接结构设计。外罩板为抗氧化耐高温高强度冷轧钢板,表面经耐磨耐高温涂装。脚踏板为防滑钢板。
- ◆ 12.安全装置: 设有过载自动保护装置,在紧急情况下搅拌系统可自动脱离,加上随机装配的灭火及照明装置,以确保操作员和设备的安全。
- ◆ 13.外形尺寸及整机重量: 4500mm (长) x 1680mm (宽) x 2250mm (高) • 2200kg。



## DY-THDP拖车式液压型双缸热熔釜 Trailer-type Model Hydraulic Double-Cylinder Pre-Heater

◆ The trailer DY-THDP is equipped with DY-VHDP thermoplastic pre-heater and the hauling platform, is a special marking facility with both melting and haulage functions. Its haulage platform is mainly used for transporting self-propelled thermoplastic road marking machine. The main technical parameters of Pre-Heater are the same as that of DY-VHDP Hydraulic Double-Cylinder Pre-Heater.

◆ Size & Weight: 6300mm (L) x 1700mm (W) x 2380mm (H) • 2650kg.

◆ DY-THDP拖车上置DY-VHDP热熔釜及拖运平台,是一款兼具熔料和拖运功能的标线专用设施。其拖运平台主要用于自行式热熔标线机。该机熔料部分的主要技术指标和参数与DY-VHDP型液压式双缸热熔釜基本相同。

◆ 外形尺寸与整机重量: 6300mm (长) x 1700mm (宽) x 2380mm (高) • 2650kg。



- 1. 柴油燃烧系统 Diesel Oil burning System
- 2. 普通炉具 Ordinary Stove
- 3. 红外线加热炉具 Infrared Heater

