



TW- 800 Hydraulic double-cylinder thermoplastic kneader



TW-800 is one of the key machines for thermoplastic marking. The stirring evenness, coating melting rate and quality of the thermoplastic kneader directly influence the marking quality and fuel consumption. The innovation of the kneader structure is one of the key tasks of road marking machine industry. New generation thermoplastic kneader product of TOP WAY Company has the flame with optimal burning distance and the best stirring speed resulting in the increase of melting efficiency by about 20%.

Technical parameters

Outer dimensions (L*W*H):	1620*1000*1580 mm
Total weight of machine:	800 KG
Diesel engine power:	12 KW
Coating tank capacity:	400kg*2
Stirring speed:	20~80 r/min
Stirring method:	Four helical blades can rotate leftwards and rightwards to move the coating up and down.
Heating temperature:	175~230°C
Engine start method:	Electrical /manual
Hydraulic oil tank capacity:	50 L
Fuel:	LPG



TW-800 Hydraulic double-cylinder thermoplastic kneader



Features

- This hydraulic double-cylinder thermoplastic kneader is equipped with a gear pump shaft coupling developed independently by TOP WAY, and has the pioneering design of engine and hydraulic oil tank on the top of the machine, so it is about 40% smaller than other similar products. The feeding opening is 900mm high.
- Ergonomic design allows smooth operation and makes feeding process easier. The kneader has light weight and smaller size but carries more coating thus increases working speed.
- Large diameter semicircular stamping kneader bottom has the heating area 26% more than general thermoplastic kneaders.
- Suspending stove rack can randomly adjust the distance between the stove and the kneader bottom in order to allow the outer flame to burn the kneader bottom to fully utilize fuel and increase melting efficiency.
- A stepless speed changing multi-way reversing valve together with two cylinders and four helical blades enable clockwise or counterclockwise stirring, thus accelerate feeding and melting of dry materials.
- Human-oriented design can ensure labor protection
The hydraulic oil tank and engine bottom are insulated with double layers and the chimney is insulated to greatly reduce scald risk. The appearance design featuring 45° bevel and semicircular form can reduce accidental injury.
Protective facilities
Rotating part is provided with a protective cover.
The hydraulic system is provided with an overpressure overflow valve.