

500KG Dumper Intended use statement

You must read below before operating this machine

This machine has been developed and designed for the purpose of transporting hard material such as stone, brick, wood and construction debris.

This machine should only be used at the maximum gradients outlined in this manual. You must not exceed the maximum loading weight of 500KG. Material should only be loaded in the bucket area, this machine should not be used to tow or pull any object or vehicle.

At no time should this machine be used to carry a human being or animal of any kind!

NO flammable, combustable or chemical products should be transported using this machine





Crytec Limited Declaration of Conformity



1. Product Model / Type:

- a. Product: Mini Power Dumper
- b. Model: D50HT

2. Manufacturer:

- a. Name: Crytec Limited
- b. Address: Unit 1C Upper Mantle Close, Chesterfield S45 9ED, UK

3. This declaration is issued under the sole responsibility of the product manufacturer.

4. The object of the declaration described above is in conformity with the relevant UK Statutory Instruments:

2008 No 1597 The supply of Machinery (Safety) Regulations 2008 (and their amendments) and the Essential Health and Safety and the Essential Health and Safety Requirements

5. We hereby declare that the product described above, to which this declaration of conformity refers to, we have referenced the below designated standards used in relation to which conformity is declared:

Reference & Date	Title
EN ISO 12100 : 2010	Safety of Machinery
EN ISO 3691-6:2015/AC:2016	Industrial Trucks - Safety

as well as EN ISO 3744:1995 and ISO 6395:1988

6. Additional Information:

The technical documentation for the machinery is available from:

Name: Matthew Cryans
Address: Unit 1C Upper Mantle Close, Chesterfield S45 9ED
Signed for & on behalf of: Crytec Limited
Place of issue: United Kingdom
Date of Issue: 24/08/2022
Name: Matthew Cryans
Function: Director
Signature: 

一、 Safe operating procedure

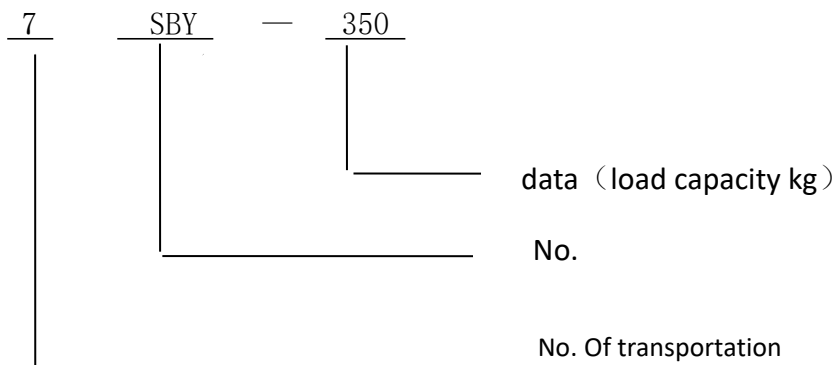
1、 When the machine is going downhill and turning, it is strictly forbidden to drive fast, and it is strictly forbidden to brake. It is strictly forbidden to drive and turn on the slope of more than 8.5 degrees. It is strictly forbidden to stand between the machine and the obstacle.

2、 When the engine starts, please put the shift lever in the "Neutral" position, the clutch in the "Stop" position, and the fuel supply handle in the low-supply position.

3、 After the engine is started, it is necessary to run the low-speed empty car for 3-5 minutes before starting normal operation. If the abnormality is found during the operation, the engine will be shut down immediately, and the engine operation will be started after the abnormality is confirmed.

4、 Lifting the tote can only be used for fixed work, no walking, no play or artificial shaking in the raised tote.

二、 Dumper size and details



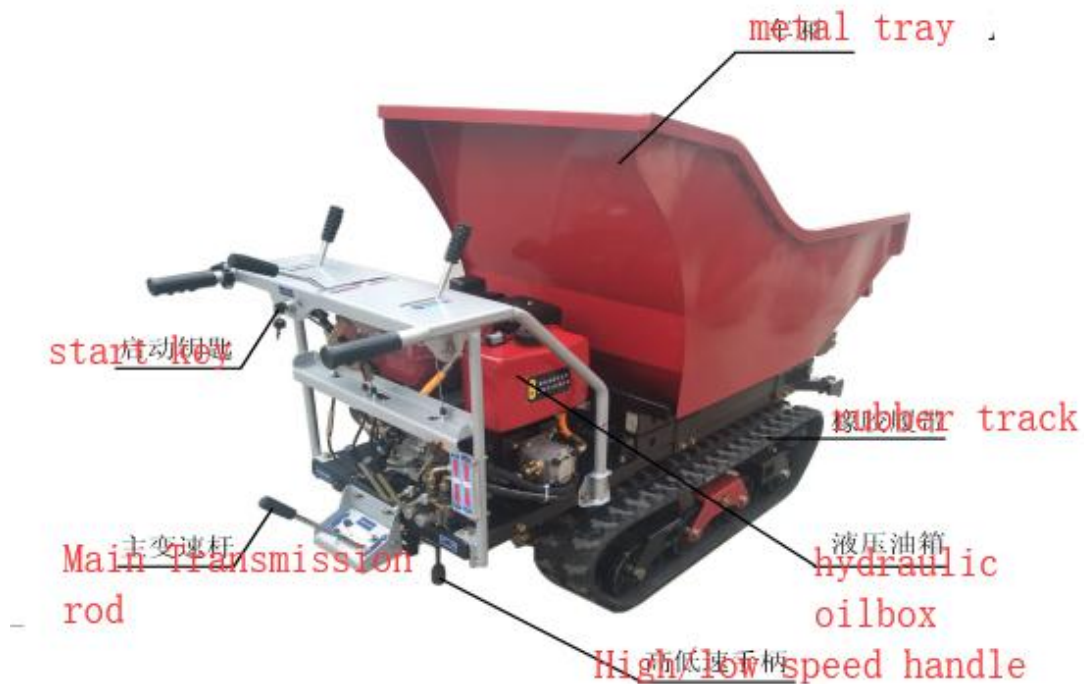
三、 Main Date

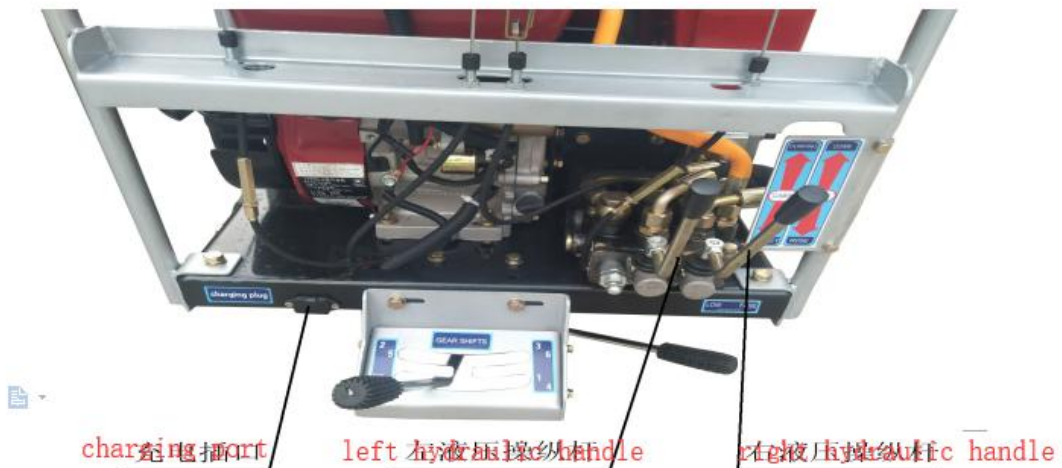
Item		Specification
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Size		/	7SBY-350
Dimension (L×W×H)		mm	1980×750×1250
Weight		kg	472
Engine	Size	ZS	177F
	Power	kW	5.5
Metal Tray Dimension (L×W×H)		mm	1140×725×240
Load capacity		kg	600
Self-loading capacity		kg	240
Self-loading grade		degree	15
Lifting height		Mm	650

四、Structure of Dumper and Main parts

The machine is mainly composed of engine, chassis, tote, running gear and steering machine.





五、Handle operation instructions:

(1) The left steering handle is pulled back, and the truck turns left; when pushed back, the truck stops turning.

(2) The right steering handle is pulled back, and the truck turns right; when pushed back, the truck stops turning.

(3) The clutch lever is pushed forward, the truck travels; the clutch lever is

pulled back, and the truck stops walking.

(4) The left hydraulic operating handle is lifted up, the support arm of the carriage is raised; the left hydraulic handle is pressed downward, the support arm of the carriage is lowered; the right hydraulic handle is lifted upward, and the carriage is lifted upward, and the towing box is returned.

(5) This machine is equipped with a sub-shifting handle, which is pushed up to high speed and pulled down to low speed. Select the appropriate gear according to the requirements of use.

六、 Method of operation

1、 Check engine fuel and lubricating oil, and add to the specified oil level when not enough.

2、 Make sure that the shift lever is in the neutral position and the travel and hydraulic cylinder control handles are in the “stop” position. Open the fuel switch, the oil supply handle is placed in the middle and low oil supply position, turn the power switch to the “ON” position, and open the choke valve when the cold car starts (closed after starting). When the hand is started, hold the drawstring with your hand and hold the legs apart. Pull the legs apart and pull hard to start the engine. Start the engine with a right-handed power switch during electric start.

3、 After the engine is started, run at low speed for 3-5min, and confirm that it can be used for handling or lifting.

4、 This machine is equipped with 6 forward and 2 reverse. During the operation or transfer of the plot, it can be selected according to the needs. The gear position is from low to high. It is not allowed to use high-grade work or driving directly. Use 1st

gear for downhill driving.

5、 This machine is equipped with a steering handle. When the machine turns left, pull back the left steering handle. When turning right, pull back the right steering handle.

6、 When parking is required to stop, first put the clutch lever to stop, and finally put the shift lever in the "neutral" position, move the engine flameout switch to the "OF" position, and stop the engine running.

七、 Notice

1、 Check if the shift lever is in the neutral position, the travel, the hydraulic pump and the lift cylinder operating handle are in the “stop” position before starting the engine.

八、 Wearing Parts

No.	Item (No)	Quantity
1、	Trangle belt (B710)	2pcs
2、	Support wheel bearing (6204)	8pcs
3、	Tensioner wheel	1pcs
4、	Oil seal (30×62×10)	4pc
No.	Name(No)	Quantity
1、	Double wrench (13×16)	1pc
2、	Double wrench (16×18)	1pc
3、	Double wrench (10×12)	1pc