

## ZY-10C X RAY PIPELINE CRAWLER FOR DIAMETER 20"-55"

### Features:



(1) Utilizing electronic speed control technology to achieve the slow starting and low-speed positioning, generate more accurate positioning. The new generation of the crawler uses magnetic position system to position more accurately and tell the crawler's position and status through the beep sound.

(2) Performing normally without affected by the electric welding machine.

(3) The X-ray system uses constant voltage control function to ensure the density of the X-ray film consistent, not impacted by the battery and also has the ability to save energy and protect the motor from over current.

(4) Lead acid battery from Panasonic, 30% more energy compare with the lithium battery. Meanwhile resist higher temperature, so it has more possibility to prevent an explosion in overheating condition.

(5) Multiple real-time function to protect the X-ray generator like waterproof, over-voltage, zero voltage protection, over-current, zero current protection, overheating protection,

(6) Inspect battery energy automatically. The crawler will turn back when the battery low power. It has feature to return automatically after 40 minutes without signal or command.

(7) Electronic speed control motor function to achieve constant torque, constant current operation so as to extend the using life.

(8) All the electronic components are military (except PLC) supplies.

Model	ZY-10C
Locating System	Magnetic Medium / Micro-wave video control
Available Diameter	20"~55"(inch)
Controller Size	198×102×150 mm
Crawler Dimension	1350×240×350 mm
Crawler Weight	93 kg
Lead acid battery	17 Ah
Battery Weight	64 kg

Turning Radius	≥7D		
Speed	18 m/min		
Max Climbing Slope	40°		
Drive Mode	Four Wheels Driven		
Moving Distance	5 km (roundtrip)		
X Ray Generator			
Model	XXHA-2005	XXHA-2505	XXHA-3005
Max Penetrate A3 steel	30 mm	35 mm	35 mm
Generator Dimension	245×910 mm	290×970 mm	310×1070 mm
Generator Weight	23 kg	33 kg	39 kg
Radiation Angle	360° × 40°		
Positioning Precision	±5 mm		
Available Humidity	≤90%		

## List

NO.	ITEM	QTY
1	PIPELINE CRAWLER	1
2	MAGNETIC CONTROLLER	1
3	MAGNETIC RECEIVER	1
4	X RAY GENERATOR	1
5	BATTERY PACK	1
6	BATTERY PACK CHARGER	1
7	MAGNETIC CONTROLLER CHARGER	1
8	EXTEND AXIS	1

9	LIFTING SLIDE PLATE	1
10	LIFTING SUPPORT PLATE	1
11	MAGNETIC RECEIVER SUPPORT	2
12	CHARGING CABLE	1
13	CONNECTING CABLE	1
14	ACCESSORY KIT	1
15	OPERATION MANUAL WITH CD	1