Product Manual HCR Series Demolition Robots

## **HCR120D**

HCR120D is an engineering robot driven by a motor, which is energy-saving and environmentally friendly. Its compact design and maneuverability can be applied to many projects. It can be accessed through ordinary porches and narrow passages, with maneuverability, high load-bearing capacity, and strong obstacle crossing ability. It can climb stairs or 30° slopes, suitable for small spaces.

## Widely used in:

• Metallurgical furnace maintenance and slag removal Emergency rescue

buildings









TECHNICAL DATA	
Slewing speed	12 s/360°
Transport speed, max.	2.5 km/h
Incline angle, max.	30°
Hydraulic system capacity	40 L
Pump type	Variable load-sensing
System pressure	19 MPa
Pump flow	0-60 L/min
Electric motor type	YYB180M
Output	18.5 kW
Fuse	/
Starting device	Direct start
Control type	Portable control box
Signal code	Digital
Transfer	Professional radio/Cable
Range, radio	100 m
Weight of machine excludi	ng attachment 1300 kg
Recommended attachmen	t weight 160 kg

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Working attachments such as buckets and hydraulic

Rubber track/steel track

Mechanical quick coupling

Forced air cooling

Oil cylinder special protection

Hydraulic hammer water jet function

Backup oil circuit (extra hydraulic function)

Track steel pads/other chisels

High temperature hose/nuclear protection

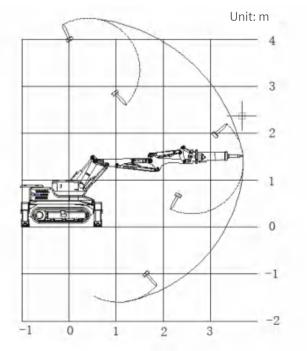
Hydraulic oil circuit automatic conduction quick coupling/hydraulic wrist

Remote video system, sensors

Fire cannon, booster and bulldozer



SIZE



28