Product Manual HCR Series Demolition Robots

HCR500D

HCR500D has excellent demolition efficiency, high reliability and maintainability. In large-span construction demolition operations, tunnel excavation, metal processing and brick removal, it can further improve work efficiency and save time. With its outstanding power to weight ratio, it can be used for the demolition of large section concrete beams, columns, and high-strength cement floor slabs. In tunnel excavation construction, it has excellent breaking and demolition capabilities.

Widely used in:

Nuclear industry









| TECHNICAL DATA | , | | |
|--|--------------------------|--|--|
| Slewing speed | 16 s/360° | | |
| Transport speed, max. | 2.5 km/h | | |
| Incline angle, max. | 30° | | |
| Hydraulic system capacity | y 154 L | | |
| Pump type | Variable load-sensing | | |
| System pressure | 19 MPa | | |
| Pump flow | 0-140 L/min | | |
| Electric motor type | YE3-225S-4-B35 | | |
| Output | 45 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 excluding attachment 5500 kg | | | |
| Recommended attachment weight 750 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

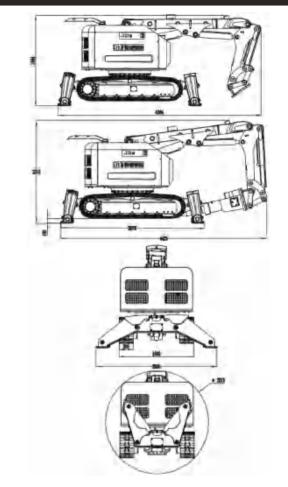
High temperature hose/nuclear protection

Hydraulic oil circuit automatic conduction quick coupling/hydraulic wrist

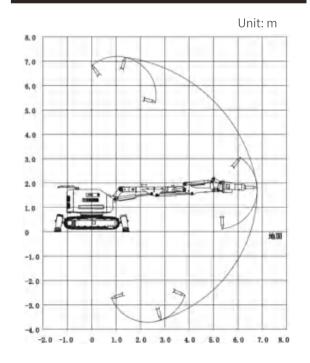
Remote video system, sensors

Fire cannon, booster and bulldozer

SIZE



RANGE



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