

# Intelligent Technology



# All range of products Overview

Chassis  
robot  
platform

Tracked robot chassis



PKT1100

600T

PLT-1000

900T

LKT1500

Wheeled robot chassis



SV1000

HV1000

XH2700

Fire robot

Fire extinguishing robot



Explosion-proof fire robot



Flue power fire robot



EOD robot



Special  
robot

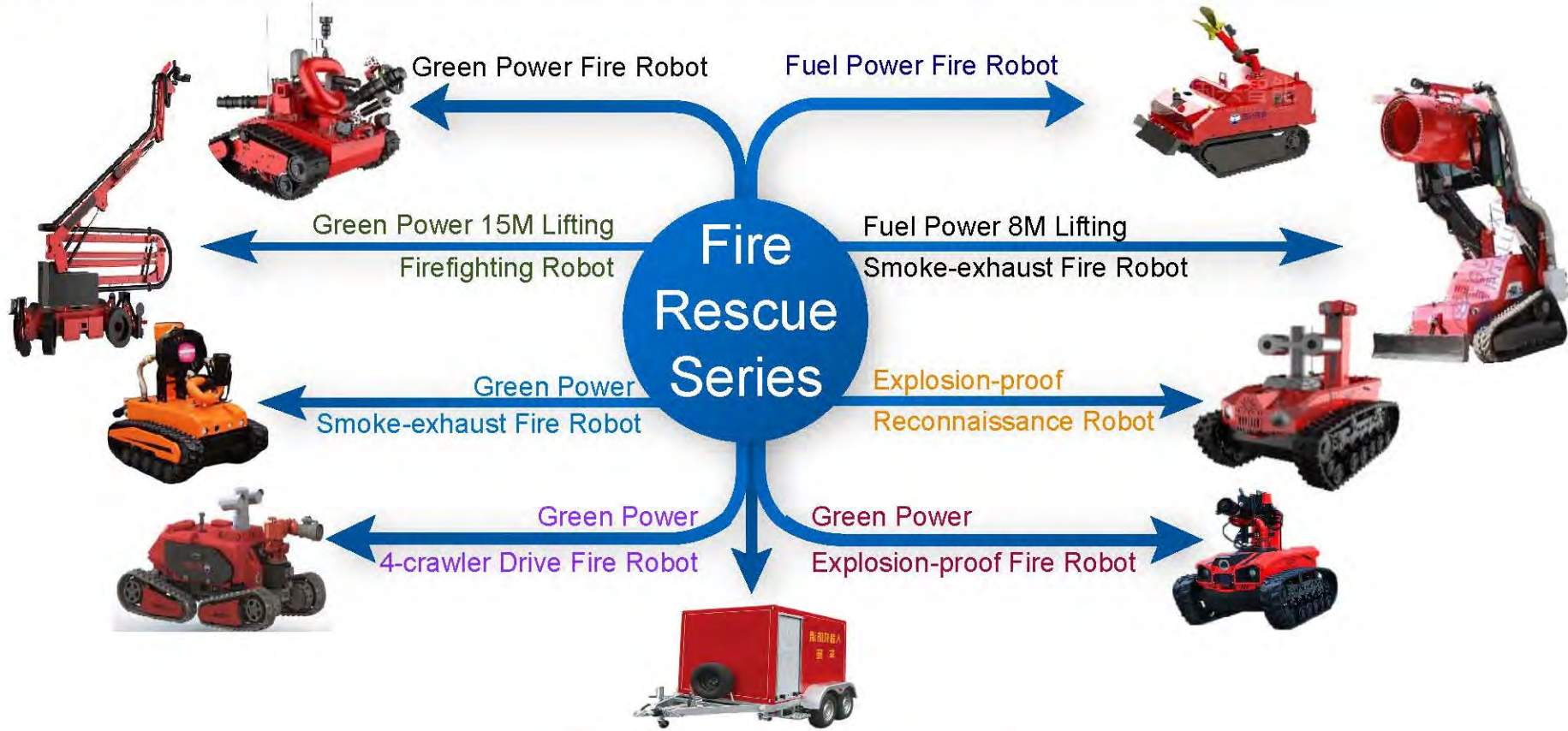


Spare parts



# SERIES 1

# Firefighting Robot



Fire Robot Transportation Equipment

# Fire Extinguishing Robot



## Product introduction

The fire fighting robot can replace the fire rescue personnel to enter the **scene of toxic, oxygen deficient, thick smoke** and other dangerous disasters to extinguish the fire, effectively solving the personal safety of fire fighters in the above places.

### Application:

It is applicable to petrochemical industry, oil tank farm, large warehouse, buildings and other places with high temperature, strong thermal radiation, easy collapse, fire fighting vehicles and personnel can not be close to for fire fighting, cooling, cleaning and decontamination of chemical pollution sites, production and storage of dangerous chemicals enterprises, etc.

# RXR-M40D-880T

## Product parameters

Overall Size	1350*930*1040mm	Working time	2.5H
Self weight	330kg	Operation speed	1.2m/s
Suspension system	Christie + Matilda suspension	Remote control distance	1200m
Maximum obstacle crossing	140mm	Rated torque	2.4kN
Maximum climbing ability	78.1% / 35°	Protection grade	IP67

## Product features

- **Fire water monitor:** flow 40L/s flow, water/foam dual-use, range 65m;
- **Image acquisition:** collect 4 channels of images around the robot and send them to the control center remotely;
- **Information collection:** concentration of flammable gas, temperature and humidity of fire site;
- **Audible and visual alarm:** audible and visual alarm is given when the robot body is running;
- **Self protection function:** water curtain cooling, anti overturning, anti collision;
- **Lighting:** dual LED strong light lighting system.



## Product introduction

The fire fighting robot can replace the fire rescue personnel to enter the **scene of toxic, oxygen deficient, thick smoke** and other dangerous disasters to extinguish the fire, effectively solving the personal safety of fire fighters in the above places.

### Application:

It is applicable to petrochemical industry, oil tank farm, large warehouse, buildings and other places with high temperature, strong thermal radiation, easy collapse, fire fighting vehicles and personnel can not be close to for fire fighting, cooling, cleaning and decontamination of chemical pollution sites, production and storage of dangerous chemicals enterprises, etc.

## Product parameters

Overall size	1286*837*965mm	Working time	2 H
Self weight	370kg	Operation speed	2m/s
Suspension system	Christie suspension	Remote control distance	1200m
Maximum obstacle crossing	150mm	Rated torque	2.4kN
Maximum climbing ability	70% / 30°	Protection grade	IP67

## Product features

- **Fire water monitor:** Flow 40L/s , water/foam dual-use, range 65m;
- **Image acquisition:** collect 4 channels of images around the robot and send them to the control center remotely;
- **Information collection:** six kinds of gas concentration detection, fire site temperature and humidity;
- **Audible and visual alarm:** audible and visual alarm is given when the robot body is running;
- **Self protection function:** water curtain cooling, anti overturning, anti collision;
- **Lighting:** dual LED strong light lighting system.

# Fire Extinguishing Robot

## RXR-M80D-13KT



### Product introduction

The fire fighting robot can replace the fire rescue personnel to enter the **scene of toxic, oxygen deficient, thick smoke** and other dangerous disasters to extinguish the fire, effectively solving the personal safety of fire fighters in the above places.

#### Application:

It is applicable to petrochemical industry, oil tank farm, large warehouse, buildings and other places with high temperature, strong thermal radiation, easy collapse, fire fighting vehicles and personnel can not be close to for fire fighting, cooling, cleaning and decontamination of chemical pollution sites, production and storage of dangerous chemicals enterprises, etc.

### Product parameters

Overall size	1440*945*1410mm	Working time	3H
Self weight	660KG	Operation speed	0-1.5M/s
Suspension system	Christie suspension structure	Remote control distance	1200m-1400m
Maximum obstacle crossing	220mm	Rated torque	4.6kN
Maximum climbing ability	72.7% / 30°	Protection grade	IP67

### Product features

- **Fire water monitor:** Flow 80L/s , water/foam dual-use, range 85m;
- **Image acquisition:** collect 4 channels of images around the robot and send them to the control center remotely;
- **Information collection:** concentration of flammable gas, temperature and humidity of fire site;
- **Audible and visual alarm:** audible and visual alarm is given when the robot body is running;
- **Self protection function:** water curtain cooling, anti overturning, anti collision;
- **Lighting:** double LED strong light.

# Fire Extinguishing Robot

## RXR-M80D-15KT



### Product introduction

The fire fighting robot can replace the fire rescue personnel to enter the **scene of toxic, oxygen deficient, thick smoke** and other dangerous disasters to extinguish the fire, effectively solving the personal safety of fire fighters in the above places.

#### Application:

It is applicable to petrochemical industry, oil tank farm, large warehouse, buildings and other places with high temperature, strong thermal radiation, easy collapse, fire fighting vehicles and personnel can not be close to for fire fighting, cooling, cleaning and decontamination of chemical pollution sites, production and storage of dangerous chemicals enterprises, etc.

### Product parameters

Overall Size	1540*845*1270mm	Working time	5H
Self weight	380kg	Operation speed	1.3m/s
Suspension system	Christie + Matilda suspension	Remote control distance	200m
Maximum obstacle crossing	230mm	Battery	48v100AH
Maximum climbing ability	70%/30°	Protection grade	IP65

### Product features

- **Fire water monitor:** Flow 80L/s , water/foam dual-use, range 85m;
- **Image acquisition:** collect 4 channels of images around the robot and send them to the control center remotely;
- **Information collection:** concentration of flammable gas, temperature and humidity of fire site;
- **Audible and visual alarm:** audible and visual alarm is given when the robot body is running;
- **Self protection function:** water curtain cooling, anti overturning, anti collision;
- **Lighting:** double LED strong light.

# 15M Lifting Fire Fighting Robot RXR-M40L



## Product introduction

The lifting firefighting robot can replace fire rescue personnel to enter the scene of flammable/explosive/toxic/anoxic/thick smoke and other dangerous disasters to extinguish the fire, effectively solving the personal safety faced by the fire fighters in the above places.

### Application:

It is applicable to petrochemical industry, oil tank farm, large warehouse, buildings and other places with high temperature, strong thermal radiation, easy collapse, fire fighting vehicles and personnel can not be close to for fire fighting, cooling, cleaning and decontamination of chemical pollution sites, production and storage of dangerous chemicals enterprises, etc.

## Product parameters

Overall size	7000*2000*2600mm	Working time	6hr (Extinguishing time)
Self weight	6500KG	Operation speed	0-1.4M/s
Power mode	DC drive system+hydraulic drive	Remote control distance	Wireless 600m Wired 15m or more
Lifting arm extension time	155s	Lifting time	150s
Lifting arm Max turning Angle	355°	Protection grade	IP54

## Product features

- **Fire water monitor:** Flow 40L/s, with a range of 65m;
- **Image acquisition:** the images around the robot are collected and transmitted to the control center at any time;
- **Information collection:** concentration of flammable gas, temperature and humidity of fire site;
- **Audible and visual alarm:** audible and visual alarm is given when the robot body is running;
- **Self protection function:** front and rear anti-collision function of vehicle body;
- **Lighting:** dual LED strong light lighting system.



# 15M Lifting Fire Fighting Robot

## RXR-M60L



### Product introduction

The lifting firefighting robot can replace fire rescue personnel to enter the scene of flammable/explosive/toxic/anoxic/thick smoke and other dangerous disasters to extinguish the fire, effectively solving the personal safety faced by the fire fighters in the above places.

#### Application:

It is applicable to petrochemical industry, oil tank farm, large warehouse, buildings and other places with high temperature, strong thermal radiation, easy collapse, fire fighting vehicles and personnel can not be close to for fire fighting, cooling, cleaning and decontamination of chemical pollution sites, production and storage of dangerous chemicals enterprises, etc.

### Product parameters

Overall size	7500*2000*2400mm	Working time	6hr (Extinguishing time)
Self weight	7400KG	Operation speed	0-1.2M/s
Power mode	DC drive system+hydraulic drive	Remote control distance	Wireless 600m Wired 15m or more
Lifting arm extension time	155s	Lifting time	150s
Lifting arm Max turning Angle	355°	Protection grade	IP67

### Product features

- **Fire water monitor:** Flow 60L/s, with a range of 70m;
- **Image acquisition:** the images around the robot are collected and transmitted to the control center at any time;
- **Information collection:** concentration of flammable gas, temperature and humidity of fire site;
- **Audible and visual alarm:** audible and visual alarm is given when the robot body is running;
- **Self protection function:** front and rear anti-collision function of vehicle body;
- **Lighting:** dual LED strong light lighting system.



## Product introduction

The fire monitor or water mist fan can be remotely controlled to the required position; Effectively replace fire fighters to carry out reconnaissance, fire fighting, smoke exhaust and other operations near fire sources and dangerous places.

### Application:

Applicable occasions include but are not limited to highway (railway) tunnels, subway stations and tunnels, underground facilities and freight yards, large span and large space plants, petrochemical oil depots and refineries; It can also be used for the detection, attack and cover of targets, fire fighting and rescue of dangerous occasions in large-scale toxic gas and smoke accidents and dangerous fires.

## Product parameters

Overall size	2400*1500*1850mm	Working time	10H
Self weight	2100KG	Operation speed	9KM/h
Climbing ability	70% /40°	Remote control distance	1000m
Maximum obstacle crossing	300mm	Tractive force	14KN

## Product features

- **Fire water monitor:** imported duckbill water/foam dual-use, 120L/s flow, range 95m;
- **Image acquisition:** collect 3 channels of images around the robot and send them to the control center remotely at any time. The video has 4G wireless HD transmission function;
- **Fault alarm:** high engine oil and hydraulic oil temperature, low engine oil pressure, low oil level, blocked oil suction or oil filter, engine air filter alarm, bus communication fault, low battery voltage;
- **Self protection function:** automatic water mist protection system;
- **Lighting:** front and rear dual LED strong light;
- **Control mode:** on-board panel and wireless remote control, remote control distance 1KM;
- **Fuel tank capacity:** 80L for fuel tank and 100L for hydraulic tank.

# Diesel Power 4-Drives Fire Robot RXR-M150GD



## Product introduction

The fire monitor or water mist fan can be remotely controlled to the required position; Effectively replace fire fighters to carry out reconnaissance, fire fighting, smoke exhaust and other operations near fire sources and dangerous places.

### Application:

include but are not limited to highway (railway) tunnels, subway stations and tunnels, underground facilities and freight yards, large span and large space plants, petrochemical oil depots and refineries; It can also be used for the detection, attack and cover of targets, fire fighting and rescue of dangerous occasions in large-scale toxic gas and smoke accidents and dangerous fires.

## Product parameters

Overall size	2280*1600*1350mm	Working time	10H
Self weight	2240 KG	Operation speed	12.28 KM/h
Climb ability	40°	Remote control distance	1000m
Max obstacle crossing	300mm	Tractive force	15kN

## Product features

- **Fire water monitor:** import water/foam dual-use water monitor, 150L/s flow, range 95m;
- **Image acquisition:** collect 3 channels of images around the robot and transmit them to the control center in real-time. The video system has 4G wireless HD transmission function;
- **Fault alarm:** high engine oil and hydraulic oil temperature, low engine oil pressure, low oil level, blocked oil suction or oil filter, engine air filter alarm, bus communication fault, low battery voltage;
- **Self protection function:** automatic water mist protection system;
- **Lighting:** front and rear dual LED strong light;
- **Control mode:** on-board panel and wireless remote control, remote control distance 1KM;
- **Fuel tank capacity:** 80L for fuel tank and 100L for hydraulic tank;
- **Optional functions:** obstacle removal function and video recording function.



## Product introduction

The fire fighting robot can replace the fire rescue personnel to enter the **scene of toxic, oxygen deficient, thick smoke** and other dangerous disasters to extinguish the fire, effectively solving the personal safety of fire fighters in the above places.

### Application:

It is applicable to petrochemical industry, oil tank farm, large warehouse, buildings and other places with high temperature, strong thermal radiation, easy collapse, fire fighting vehicles and personnel can not be close to for fire fighting, cooling, cleaning and decontamination of chemical pollution sites, production and storage of dangerous chemicals enterprises, etc.

## Product parameters

Overall size	1750*920*1600mm	Working time	2.5H
Self weight	750KG	Operation speed	0-1.5M/s
Suspension system	Christie suspension structure	Remote control distance	1000m
Maximum obstacle crossing	220mm	Rated torque	4.2kN
Maximum climbing ability	72%	Protection grade	IP67

## Product features

- **Fire water monitor:** Import water monitor flow 80L/s, water/foam dual-use, range 85m;
- **Smoke exhaust fan:** Rated air volume  $\geq 10000\text{m}^3/\text{h}$ ;
- **Image acquisition:** Collect 4 channels of images around the robot and send them to the control center remotely;
- **Information collection:** Concentration of flammable gas, temperature & humidity of fire site;
- **Audible & visual alarm:** Audible and visual alarm is given when the robot body is running;
- **Self protection function:** Water curtain cooling, anti overturning, anti collision;
- **Lighting:** Dual LED strong light lighting system.

# Smoke-exhaust 8M Lifting Fire Robot RXR-YM10000D



## Product introduction

Fire fighting smoke exhaust robot is an intelligent multi-functional fire fighting robot, which has the functions of smoke exhaust, firefighting, air supply, cooling, dust removal, obstacle removal, environmental detection, image acquisition, wireless information transmission, and climbing obstacles and walking on its own. It can replace firefighters to deal with various accidents safely and efficiently

### Application:

include but are not limited to highway (railway) tunnel fire, subway station and tunnel fire, underground facilities and freight yard fire, large-span and large-span workshop fire, petrochemical oil depot and refinery fire; It can also be used for the detection, attack and cover of targets, fire fighting and rescue of dangerous places in large-scale toxic gas and smoke accidents and dangerous fires.

## Product parameters

Overall size	≤ 3160*1830*2500mm	Working time	10H
Weight	4000Kg	Operation speed	5KM/h
Climb ability	30°	Remote control distance	1000m
Max obstacle crossing	320mm	Tractive force	27kN

## Product features

- **Fire water monitor:** water and foam dual-use monitor, 80L/s flow, 85m range;
- **Fan:** exhaust air volume 100000m<sup>3</sup>/h. Water mist flow ≥ 450L/min, water mist range ≥ 45m, fan speed 2000 rpm;
- **Image acquisition:** collect 3 channels of images around the robot and send them to the control center remotely;
- **Self protection function:** multiple groups of self spraying cooling devices;
- **Lighting:** front four and rear two LED strong lights;
- **Control mode:** on-board panel and wireless remote control, remote control distance 1KM;
- **Cooling system:** air cooling & water cooling are adopted for the diesel engine and hydraulic oil system



## Product introduction

The fire monitor or water mist fan can be remotely controlled to the required position; Effectively replace fire fighters to carry out reconnaissance, fire fighting, smoke exhaust and other operations near fire sources and dangerous places.

### Application:

include but are not limited to highway (railway) tunnels, subway stations and tunnels, underground facilities and freight yards, large span and large space plants, petrochemical oil depots and refineries; It can also be used for the detection, attack and cover of targets, fire fighting and rescue of dangerous occasions in large-scale toxic gas and smoke accidents and dangerous fires.

## Product parameters

Overall size	2800*1600*2500mm	Working time	10H
Weight	3600KG	Operation speed	5KM/h
Climb ability	30°	remote control distance	1000m
Max obstacle crossing	220mm	Tractive force	27kN

## Product features

- **Fire water monitor:** Import water&foam dual-use monitor, 80L/s flow, 85m range;
- **Fan:** exhaust air volume 150000m<sup>3</sup>/h. Water mist flow ≥ 1000L/m, water mist range ≥ 50m, fan speed 2000;
- **Image acquisition:** collect 3 channels of images around the robot and transmit them to the control center in real-time. The video system has 4G wireless HD transmission function;
- **Fault alarm:** high engine oil and hydraulic oil temperature, low engine oil pressure, low oil level, blocked oil suction or oil filter, engine air filter alarm, bus communication fault, low battery voltage;
- **Self protection function:** automatic water mist protection system;
- **Lighting:** front four and rear two LED strong lights;
- **Fuel tank capacity:** 100L for fuel tank and 120L for hydraulic tank;
- **Control mode:** on-board panel and wireless remote control, remote control distance 1KM;
- **Optional functions:** obstacle removal function and video recording function.

# Explosion-proof Fire Fighting Robot RXR-MC80BD



## Product introduction

The fire fighting robot can replace the fire rescue personnel to enter the **scene of toxic, oxygen deficient, thick smoke** and other dangerous disasters to extinguish the fire, effectively solving the personal safety of fire fighters in the above places.

### Application:

Fire rescue forces; PetroChina and Sinopec exploration sites and warehouses; Dangerous chemicals production enterprises; Warehouses, logistics, ports, etc. with inflammable and explosive products.

## Product parameters

Overall size	1900*900*1426mm	Working time	5H
Weigh	720KG	Operation speed	0-1.3M/s
Suspension	Christie suspension structrue	RC distance	1200m
Max obstacle	220mm	Rated torque	4.6kN
Max climbing	70% / 38°	Protection grade	IP67

## Product features

- **Imported fire water monitor:** 80L/s flow, water/foam dual-use, range 85m;
- **Image acquisition:** collect 4 channels of images around the robot and send them to the control center remotely;
- **Bidirectional voice:** collect the sound around the robot body and call through the controller;
- **Lighting:** double LED strong light;
- **Audible and visual alarm:** audible and visual alarm is given when the robot body is running;
- **Automatic obstacle avoidance:** detect obstacles in front when traveling to avoid collision;
- **Spray cooling:** double water curtain spray cooling;
- **Infrared thermal imager:** detect life body, fire source temperature and fire source center point;
- **Explosion proof sign:** Ex d ib mb IIB+H2 T6 Gb.

# SERIES 3 Industry & Science Tank Platform Robot

Chassis Platform Robots

Standard design (Including SAFARI Series, XH Series, KT Series. )



Customized Robot Chassis for different conditions

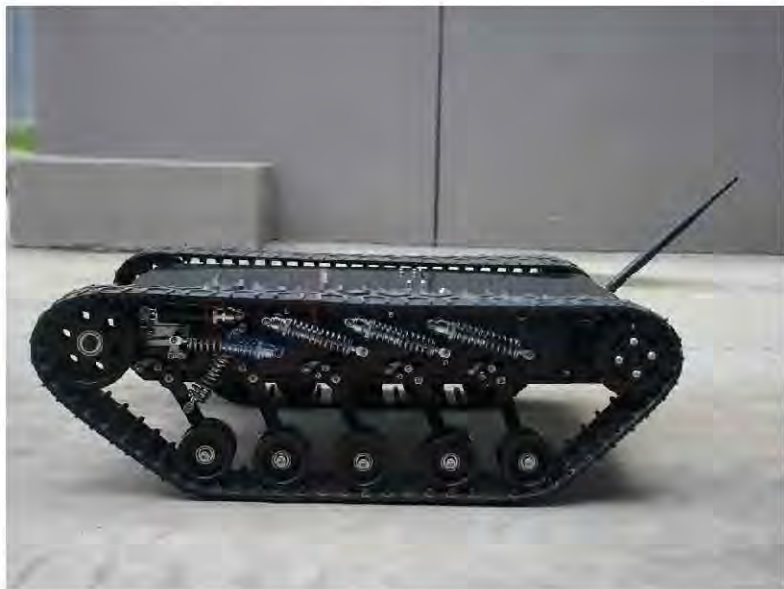


Other special use designs





# Robot Chassis Safari 138T



## ▶ Product features

- Turn in place
- Stable
- Small investigation
- Support non-standard product development and customization

## ▶ Product parameters

Dimensions	610*450*195mm	Max climbing	30 degree no load
Self weight	24kg	Motor	24V DC brushless motor
Load weight	20kg	Body material	Steel plate
Rated power	138W*2	Suspension system	Christie
Operating speed	0~1.2m/s	Height of chassis	90mm
Max obstacle	50mm	Track materil	rubber+fiber
Vibration reduction	*12 independent damping vibration absorbers on both sides		

## ▶ Application

Competition

Inspection

Teaching

VR shooting

# Standard Robot Chassis Safari 600T & 600T Mini



Safari 600T



Safari 600T Mini

## Product features

- Super power
- Turn in place
- Wide space for more equipment
- Support non-standard product development and customization
- Strong trafficability, heavy load shock absorption

## Product parameters

Safari 600T		Safari 600T Mini	
Dimensions	1020*760*360mm	Dimensions	1030*555*455mm
Selfweight	131kg	Selfweight	136kg
Load weight	70kg	Load weight	100kg
Max climbing	35 degree (able to climb stairs)	Max climbing	30 degree (able to climb stairs)
Operating speed	0~1.4m/s	Operating speed	0~1.16m/s
Max obstacle	170mm	Max obstacle	140mm

Shock absorption system: left and right independent \* 6 shock absorbers  
 Protection grade: IP54 (standard) IP67 (optional with)  
 Suspension system: Christie suspension  
 Motor selection: 48V DC brushless motor  
 Body material: stainless steel plate  
 Crawler material: rubber embedded Kevlar fiber  
 Develop function: Support CAN protocol for secondary development

## Application

Reconnaissance

Inspection

Photograph

EOD robot

# Standard Robot Chassis Safari 880T & 880T Enhanced



Safari 880T



Safari 880T Enhanced

## Product features

- Super power
- Turn in place
- Wide space for more equipment
- Support non-standard product development and customization
- Strong trafficability, heavy load shock absorption

## Product parameters

Safari 880T		Safari 880T Enhanced	
Dimensions	1010*720*435mm	Dimensions	1020*800*435mm
Selfweight	140kg	Selfweight	180kg
Load weight	120kg	Load weight	220kg
Max climbing	40 degree(able to climb stairs)	Max climbing	30 degree(able to climb stairs)
Operating speed	0~1.6m/s	Operating speed	0~1.6m/s
Max obstacle	140mm	Max obstacle	130mm

Shock absorption system: left and right independent \* 6 shock absorbers  
 Protection grade: IP54 (standard) IP67 (optional with)  
 Suspension system: Christie suspension + Matilda four-wheel balance suspension  
 Motor selection: 48V DC brushless motor  
 Body material: stainless steel plate  
 Crawler material: rubber embedded Kevlar fiber  
 Develop function: Support CAN protocol for secondary development

## Application

Reconnaissance

Inspection

Firefighting

EOD robot

# Standard Robot Chassis Safari 900T & 900T Enhanced



Safari 900T



Safari 900T Enhanced

## Application

Reconnaissance

Inspection

Firefighting

Military

## Product features

- Super power
- Turn in place
- Wide space for more equipment
- Support non-standard product development and customization
- Strong trafficability, heavy load shock absorption

## Product parameters

Safari 900T		Safari 900T Enhanced	
Dimensions	1215*820*440mm	Dimensions	1515*845*490mm
Selfweight	185kg	Selfweight	320kg
Load weight	100kg	Load weight	120kg
Vibration reduction	*10 vibration absorbers both side	Vibration reduction	*14 vibration absorbers both side
Operating speed	0~1.6m/s	Operating speed	0~1.4m/s
Max obstacle	160mm	Max obstacle	200mm
Max climbing:	40 degree(able to climb stairs)		
Protection grade:	IP54 (standard) IP67 (optional with)		
Suspension system:	Christie suspension		
Motor selection:	48V DC brushless motor		
Body material:	stainless steel plate		
Crawler material:	rubber embedded Kevlar fiber		
Develop function:	Support CAN protocol for secondary development		

# Protective Robot Chassis PLT1000 & PKT1200



PLT1000



PKT1200

## Application

Reconnaissance

Inspection

Firefighting

Wading

## Product features

- Watertight design
- Super power
- Turn in place
- Wide space for more equipment
- Support non-standard product development and customization
- Strong trafficability, heavy load shock absorption

## Product parameters

PLT1000		PKT1200	
Dimensions	1100*800*460mm	Dimensions	1211*802*486mm
Selfweight	170kg	Selfweight	216kg
Load weight	100kg	Load weight	100kg
Suspension system	Christie+Matilda	Suspension system	Christie
Operating speed	0~1.6m/s	Operating speed	0~1.6m/s
Max obstacle	180mm	Max obstacle	160mm
Max climbing:	40 degree(able to climb stairs)		
Protection grade:	IP66 (standard) IP67 (optional with)		
Motor selection:	48V DC brushless motor		
Body material:	stainless steel plate		
Crawler material:	rubber embedded Kevlar fiber		
Vibration reduction:	*6 independent vibration absorbers both side		
Develop function:	Support CAN protocol for secondary development		

# Robot Chassis PKT1100 & PKT1300



PKT1100



PKT1300

## Application

Military

Rescue

Firefighting

Explosion-proof

## Product features

- Rubber embedded metal and Kevlar fiber
- Super power
- Turn in place
- Large space for more equipment
- Support non-standard product development and customization
- Strong trafficability, heavy load shock absorption

## Product parameters

PKT1100		PKT1300	
Dimensions	1147*768*452mm	Dimensions	1420*900*500mm
Selfweight	320kg	Selfweight	526kg
Load weight	100kg	Load weight	250kg
Climb ability	30 degree(able to climb stairs)	Climb ability	40 degree(able to climb stairs)
Operating speed	0~2m/s	Operating speed	0~1.5m/s
Max obstacle	150mm	Max obstacle	220mm
Suspension system:	Christie suspension		
Protection grade:	IP67		
Motor selection:	48V DC brushless motor		
Body material:	Carbon steel		
Crawler material:	rubber embedded metal and Kevlar fiber		
Vibration reduction:	*8 independent vibration absorbers both side		
Develop function:	Support CAN protocol for secondary development		
Explosion-proof function:	Optional		

# Swinging Arm Robot Chassis PS800 & PS1000 & PS1500



PS800



PS1000



PS1200

## Application

Military

Rescue

Inspection

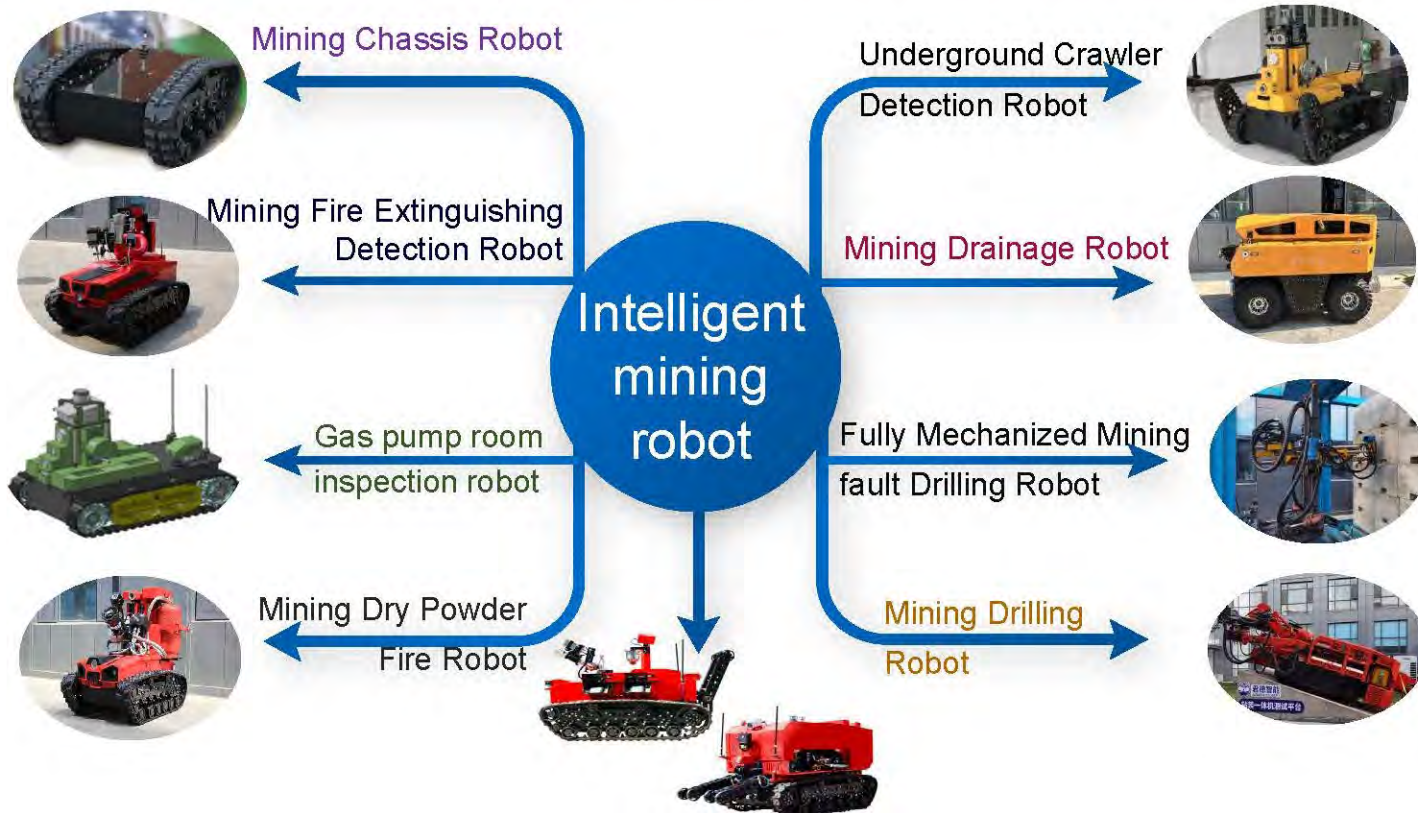
EOD

## Product features

- The robot chassis also has the advantages of high waterproof protection level, strong load capacity, strong all-terrain mobility, etc., which is widely used in robot mobility solutions in complex environments.
- The chassis of the double-swinging arms explosive-removal robot should have the characteristics of high obstacle crossing and strong trench crossing for unstructured road conditions. It is widely used in military explosive-removal rescue and other fields.

## Product parameters

	PS800	PS1000	PS1200
Dimensions	Expand 1440*800*630mm	Expand 1620*730*315mm	Expand 1580*770*660mm
	Folded 1030*800*630mm	995*730*635mm	Folded 970*770*660mm
Self weight	230kg	122kg	210kg
Load weight	60kg	60kg	100kg
Max climbing	30 degree(able to climb stairs)		
Operating speed	0~1.2m/s	0-2.2m/s	0~2.2m/s
Max obstacle	310mm	350mm	300mm
Protection grade:	IP67		Rated power: 1000W*2
Body material:	Aluminum alloy or Stainless steel plate		
Motor selection:	48V DC brushless motor		
Crawler material:	rubber embedded Kevlar fiber		
Remote control distance:	Open 200M		
Develop function:	Support CAN protocol for secondary development		



Mining fire extinguishing master and auxiliary robot





Wheeled Disinfection



Crawler Disinfection Robot



Tracked visual disinfect robot



Epidemic prevention robot

# Guoxing participated projects—Fire Brigades



Suining Fire and Rescue Administration of Jiangsu Province



Shandong port Yantai Port emergency rescue center



Hubei Fire Brigade



Guangzhou Shunde District fire brigade



Wanhua Chemical Group Co. LTD



Huang gang detachment mounted

## participated projects – Fire company



Delivered to Chongqing Fire Rescue Corps and each detachment

# participated projects -- Fire station drill



# Bulk order delivery

