

# APEX XD MK2

## WATER CANNON KIT



The T-Rex Apex XD MK2 has been developed for the uniquely harsh environments found in Australia. Working closely with operators, we present a water cannon with improvements to control, service and simplified installation.

Enjoy peace of mind knowing our team of experts will be able to help guide you on the right options for your application.

### AT A GLANCE

- ✓ Selectable 350 or 180 degrees of horizontal movement
- ✓ Selectable 135 or 90 degrees of vertical movement
- ✓ Compact, lightweight design 65mm split waterway
- ✓ IP68 high torque motors
- ✓ Low maintenance design
- ✓ Stainless steel thrust rods and thrust bearings
- ✓ Stainless steel 316 bearing element
- ✓ Hard anodised for corrosion and wear resistance
- ✓ Range of inlet options - 3" Table E Flange, 3" Roll Grooved or 2.5 NPT Female



*Revised March 2024*



## INNOVATIVE FLUID MOVEMENT SOLUTIONS

📍 T-Rex Manufacturing 83 Proximity Drive Sunshine West VIC 3020

# APEX XD MK2

## WATER CANNON KIT



### Exciting new features

Game-changing proportional speed control. The further you move the joystick, the faster the cannon moves. Intuitive, simple to use and reduces wear and tear. It's a win-win all around.



A beefed up drive mechanism. We're using superior materials and significantly increased the size of our worm gear and worm wheel so the load is spread over a larger area. A bronze worm and silicon grease reduces any abrasive effect on the anodised surface. Say good-bye to stripped worm wheels.



IP68 limit sensors and easy limit adjustment. Limit sensors are the only electrical components exposed to the environment and are a common point of failure on other systems. Our sensors are IP68, which is about as waterproof as any electrical component can be.



📍 T-Rex Manufacturing 83 Proximity Drive Sunshine West VIC 3020

# APEX XD MK2

## WATER CANNON KIT



### Exciting new features

Intelligent control system. The brains of the system have been designed and manufactured in Australia. Featuring 32Bit architecture and robotic grade components, we have been able to pack in proportional speed control, CAN Bus wired communication and wireless joystick control.

On top of that, we can make custom software for applications like washdown bays and provide CAN-BUS communication protocols so you can integrate the cannon as part of a larger system.



#### Introducing STATUS.

STATUS provides real-time information on the status of the cannon to the operator via a multicoloured LED ring light located around the power switch on the joystick. STATUS lets you know when the cannon is Active or on Standby, when the water is off, and when the cannon has reached a limit and can also provide diagnostic information.

# APEX XD MK2

## WATER CANNON KIT



### Nozzle Options



**Straight**



**Manual  
Adjustable  
Fog**



**Remote  
Controlled  
Fog**

### What's included

**Cannon**



**Proportional  
Joystick**



**Nozzle Options**



**10m of Loom**



**Flange Adaptor**



📍 T-Rex Manufacturing 83 Proximity Drive Sunshine West VIC 3020

# APEX XD MK2

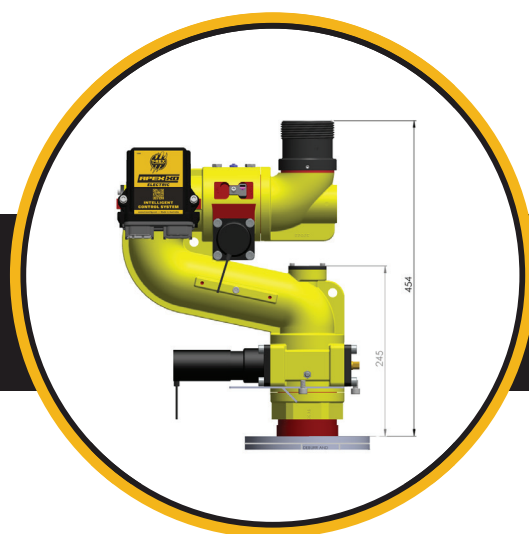
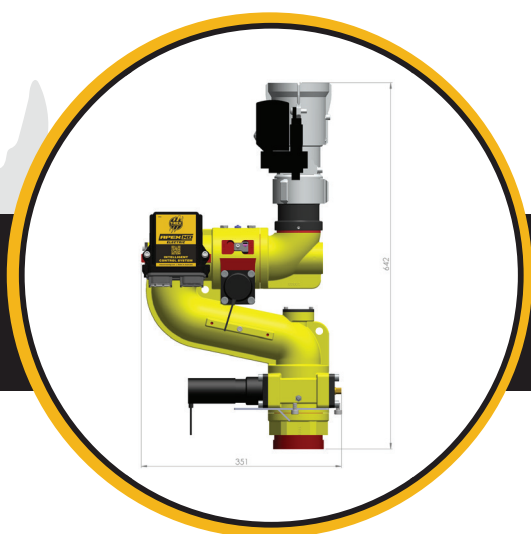
## WATER CANNON KIT



### Specifications

| Model                  | T-Rex APEX XD MK2                                         |
|------------------------|-----------------------------------------------------------|
| Horizontal Range       | 350 or 180 degrees                                        |
| Vertical Range         | 135 or 90 degrees                                         |
| Input Voltage          | 12-31 volt                                                |
| Inlet                  | 3" Table Flange   3" Roll Grooved Flange   2.5 NPT Female |
| Outlet                 | 2.5 inch NH (NST) Male Thread                             |
| Control                | Proportional CanBus Joystick   Wireless Option            |
| Water Way              | 65mm Split                                                |
| Material               | Marine Grade Hard Anodised Aluminium T6                   |
| Country of Manufacture | Australia                                                 |

### Size and Dimensions



📍 T-Rex Manufacturing 83 Proximity Drive Sunshine West VIC 3020