

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

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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.



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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.

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Nozzle Options



Straight



Manual Adjustable Fog



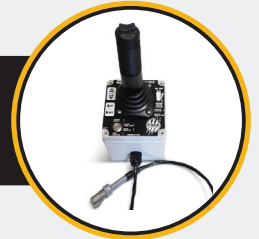
Remote Controlled Fog

What's included

Cannon



Proportional Joystick



Nozzle Options



10m of Loom



Flange Adaptor



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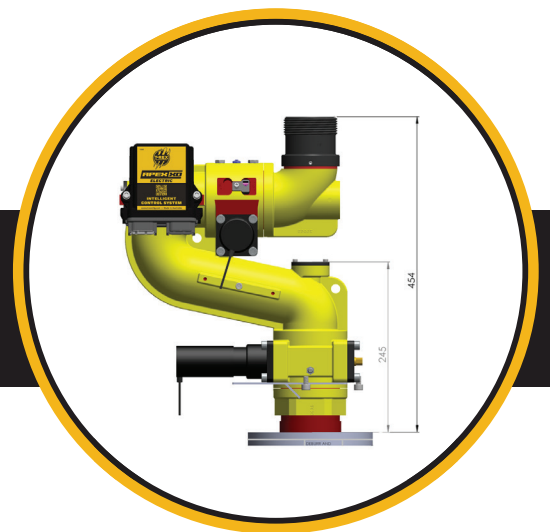
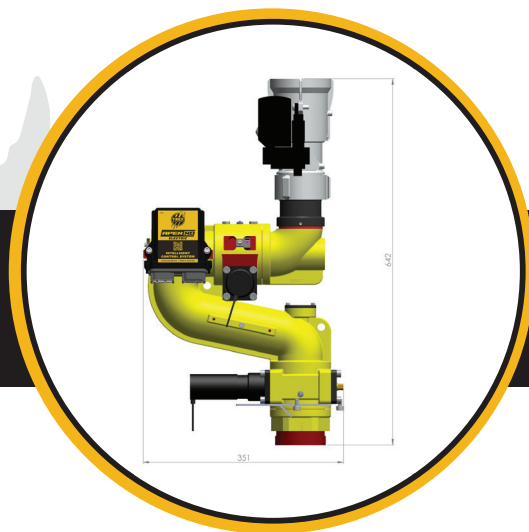
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Specifications

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



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