

Martin® Tornado Retrofit Valve Upgrade Kit



The [Martin® Tornado Retrofit Valve](#) produces better material flow with greater force, faster cycling, and improved safety. The Martin® Tornado Air Cannon fires when the exhaust valve opens in response to a positive surge of air sent by a tripped solenoid valve. This positive-acting valve amplifies the discharge force, up to 20% more force than a standard Martin® XHV Air Cannon of the same size.

BENEFITS

Increased Safety

Since it needs a positive air pressure signal to fire the cannon, it cannot inadvertently fire if there is a drop in line pressure.

Increased Force Output

Up to 20% increase over standard Martin® XHV Valve.

Increased Flexibility

By requiring a positive pressure to fire, the Martin® Tornado Exhaust Valve eliminates the need for the solenoid to be at a close range to the air cannon tank. This allows the solenoid valve to be mounted up to 200 ft away from air cannon.

Retrofits on Existing XHV Valves

The Martin® Tornado Exhaust Valve comes in three sizes making it easy to upgrade any existing Martin® XHV Valve.

Valve Size	Part Number*
2 in.	37849
4 in.	37733
6 in.	37850

*Kit includes Tornado Exhaust Valve, piston and spring.

Remove back cap and QEV from Martin® XHV.....
Replace with Tornado Exhaust Valve Upgrade Kit.



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