

# MARTIN® TORNADO

## Exhaust Valve Upgrade Kit



The **MARTIN® TORNADO Exhaust Valve** produces better material flow with greater force, faster cycling, and improved safety. The BIG BLASTER® XHV Air Cannon fires when the MARTIN® TORNADO 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 BIG BLASTER® 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 Valve.....  
Replace with TORNADO Exhaust Valve Upgrade Kit.*



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 CERTIFIED BY DNV  
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