

CASE STUDY

MACNAUGHT RETRACTA R3 RACR®
Safety Hose Reel Prevents Damage and Injury

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MEDIA & PRESSURE:

Air at 300 PSI Maximum through the Macnaughtflex 3/8" hybrid polymer hose

APPLICATION:

A global manufacturer of plastic consumer goods uses compressed air to clean workstations and clear machinery of debris. The hose reels they were using were deemed "dangerous" after several incidents of employees letting go of the 9-inch air wand they were using allowing the hose to retract at significant speed.



There were two incidents nine days apart where the Human/Machine/Interface (HMI) in the workstations were destroyed. The cost to replace the units was \$4,000 each, but the larger issue was expressed by the Safety Director, "That could have been an employee's head."

Spurred on by the safety committee, they began looking for a solution to prevent accidents using hose reels after the first incident. Soon after the second occurrence, they contacted Macnaught with questions regarding the Retractable R3 Safety Hose Reels with RACR (Retractable Adjustable Controlled Return).

THE MACNAUGHT ADVANTAGE:

The company ordered one unit to test the RETRACTA R3 RACR safety feature and verify the reel's ability to stand up to three shifts of heavy use. The test unit performed beyond expectations and proved to be very easy to adjust the rate of hose return to a measured safe slow speed. The Oklahoma based plant safety officer is replacing all (140+) plant air reels with the Retractable RACR Safety Hose Reel.

Since installing the Macnaught Retractable reels, operators and equipment enjoy a far safer working environment. The corporate Safety management team is planning to standardize this safety reel solution within all manufacturing plants.

Macnaught USA offers no charge trials to plant MRO Safety personnel
contact Macnaught USA today at: info@macnaughtusa.com