



## NEWS FOR IMMEDIATE RELEASE

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### HAMMERTEK CORPORATION

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## Aluminium Deflection Elbows Now In Diameters To 30.5 Cm

*BETHLEHEM, PA, USA*— The cast aluminium line of Smart Elbow<sup>®</sup> deflection elbows from HammerTek<sup>®</sup> is now offered in tube and pipe sizes from 3.8 cm up to 30.5 cm in diameter.

Suitable for dilute-phase and dense-phase pneumatic conveying systems, the deflection elbows are said to eliminate problems associated with material impacting conventional elbows at high speed including: abrasive wear, breakage of friable materials, plugging of heat-sensitive materials and generation of fines, plastic streamers, snake skins and angel hair.

The elbows feature a spherical chamber that protrudes partially beyond the desired 90° or 45° pathway, which causes a ball of material suspended in air to rotate, gently deflecting incoming product around the bend without impacting the elbow wall or generating heat.

Other deflection elbows, offered in varying size ranges up to 45.7 cm, are available in cast iron, carbon steel, stainless steel and specialised alloys, which additionally prevent elbow wear when conveying sharp, hard or highly abrasive materials.

According to the manufacturer, conventional sweep elbows and "plugged tee" elbows are typically replaced with deflection elbows to eliminate the cost of elbow replacements, ensure product quality, allow directional changes in restricted spaces and prevent unscheduled system shutdowns due to elbow maintenance or repair.

For information contact HammerTek Corp., +1-610-814-2273, [sales@hammertek.com](mailto:sales@hammertek.com), [www.hammertek.com](http://www.hammertek.com)

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(CAPTION)

By preventing impact with the elbow wall, HammerTek's Smart Elbow® deflection elbow is said to prevent elbow wear, plugging, and the generation of fines, streamers, angel hair and snake skins.

DD-1313 Expanded Range of Aluminium Smart Elbows PR 20160523.docx

Keywords:

Smart Elbow  
Deflection elbow  
Pneumatic elbow  
Plugged tee elbow  
Impact elbow  
Abrasion resistant elbow  
Pneumatic conveyor elbow  
Replacement pneumatic elbow  
Conveying elbow  
Wear elbow  
Pipe bend  
Tube bend  
Fines  
Streamers  
Angel hair  
Snake skins