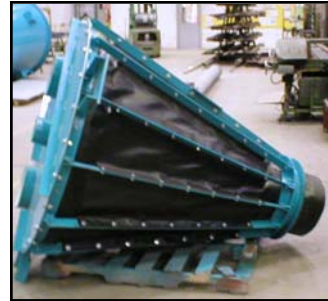




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Carbon Black is without a doubt one of the most difficult materials to handle. The tendencies of Carbon Black to cake, pack, plug and bridge within the handling equipment has long been one of the major problems facing the rubber compounder.

The **TKC Technologies Carbon Black Weigh Hopper** was designed and patented to specifically address the problems of Carbon Black Handling. The **TKC Hopper** minimizes the opportunity for any carbon black to adhere to the hopper during the discharge cycle and requires no external stimulation for clean release. The **TKC Weigh Hoppers** are capable of handling batch loads of up to 600 lbs and can be mounted to operate with multiple types of weigh cells and control systems.



Pellet degradation resulting from the improper handling of Carbon Black is the greatest threat to the manufacture of good quality rubber products. The **TKC Technologies Thermal Conveyors** were designed (and patented) to address this very significant problem. Our standard **TKC Technologies Heated Screw Conveyor** easily conveys Carbon Black without clumping, lumping and bridging and requires no rubber mallet "encouragement". This **TKC Technologies Heated Screw Conveyor** is used in Carbon Black manufacturing facilities worldwide. The **TKC Technologies Thermveyor (Patent Pending)** heats the Carbon Black with greater thermal efficiency. This allows conveying Carbon Black over greater distances than our standard unit. Contact us to discuss which units are best for your unique environment.



The **TKC Technologies Pinch Valve** is used in installations where the complete discharge of materials from a weigh hopper, holding bin or transition is critical. The unit utilizes a fabric discharge sleeve which is attached at the top & bottom to keep all transfers of materials dust free to the atmosphere. Yet, when the valve opens, the sleeve immediately goes slack & all materials drop straight through.



**TKC Technologies**, an affiliate of **O.A. Newton**, has over 30 years of Carbon Black experience plus several patented and patent pending products. We specialize in **Dilute and Dense Phase Conveying, Bulk Unloading and Storage Systems, High Intensity Mixing and Blending, and Dispensing and Weighing**. Please Contact us with any questions.