OPTIONS	
Brush Box	Brush box housings can be installed in-line to remove dust and debris via rotating brushes as the cable and disc assembly pass through.
90° Corner Housing Assembly	90° Corner Housing Assemblies are included as necessary for the end user's application requirements & layout. **90° Corner Housing Assembly includes:** ○ A sheet metal fabricated housing ○ Cover plate on one face ○ Food grade natural gum rubber gaskets ○ Conveyor tube flared ends for entry and exit into the housing ○ Floor support bracket ○ Idler shaft, bearing and seal assembled in a machined aluminum housing ○ Sprocket with guides ○ Sprocket mounting hub with key
Clear Inspection Port	A clear inspection port is a helpful component to most conveyor layouts. The inspection port is 18" / 450mm) long with a 10" 250mm viewing length. The tube is constructed of clear polycarbonate with carbon steel (mild steel) or stainless steel tube joiners. It is located in the conveying circuit to allow visual access to the system.
Hinged Corner Housing Access Cover	A hinged corner housing access cover is available with a compression cam latch. **It includes:** ○ NEMA 4 safety switch or Atex equivalent switch ○ Mounting brackets
XP Safety Switch	An XP rated safety switch is available for the hinged cover (NEMA 7) UK equivalent: Atex version
Coated Cables	These are the flexible stainless steel cables used in our Tubular Drag Conveyors and Aero-Mechanical conveyors. Coated cables isolate the material from the metal stranded rope thereby preventing contamination from metal strands entering the material. They are also easier to clean. Benefits include: ○ No metal contact with product ○ Easier to clean and clear of dust that may form during conveying of dry materials ○ Fewer materials caught in cable crevices
High Temperature Cable Assembly	A high-temperature cable assembly utilizing Hytrel discs is an available option for materials up to 300°F (149°C).
90° Tube Bends	Sweeps are available in many angles from 0-90 degrees and in several different radius dimensions to fit restricted spaces.The tube bend radius varies based on the size of the conveyor: ○ 3" / 75mm conveyor: 36" / 900mm bend radius ○ 4" / 100mm conveyor: 48" / 1m bend radius ○ 5" / 125mm conveyor: 60" / 1.5m bend radius NOTE: Tube bends are also available 15°, 30°, 45° & 60° angles. Our engineers will recommend the optimal layout for your application needs and site constraints.
Tube Mounted Inlet	A tube mounted inlet with adjustable baffles can be mounted in the conveying circuit. Multiple inlets can be used in the circuit.
Inlet Lid	An inlet lid with a spigot includes a 1" / 25mm square weldmesh in the spigot to prevent an operator from access moving parts. It also includes high flow exhaust.
Tube Mounted Outlet	A tube mounted outlet can be mounted in the conveying circuit and multiple outlets can be used in the circuit. The outlet is always open.
Transition Chute	A transition chute is a rectangle to round transition chute with 60° walls and is available in 3 sizes: Ø6" / 150mm, Ø8" / 200mm or Ø10" / 250mm
Hopper	A 3 ft3 / .08m3 hopper can be included and is flanged to suit the conveyor inlet. It includes four (4) floor-mounted height adjustable feet for leveling. Alternatively, Spiroflow offers a comprehensive range of bag dump stations or bulk bag unloaders (with or without integral dust extraction or a connection to a central dust extraction system) to facilitate the dust-free loading of material into the conveyor. We can recommend additional equipment to suit your specific requirements.
Hopper Lid	A hopper can be equipped with a lid that includes a spigot and dust port with dust sock and worm gear clamp.
Dust Hood	A dust hood can be added to the hopper. The bolt in place dust hood has a clear strip curtain with vertical sides and a back wall. It includes a 6" / 150mm spigot to connect to your dust extraction system.
Electric Vibrator	An electric vibrator can be mounted to the hopper to assist in material flow.
Pneumatic Vibrator	A pneumatic vibrator can be mounted to the hopper to assist material flow. It includes a manual on/off pneumatic switch and filter regulator with air fittings. (Automatic operation can be achieved by replacing the manual pneumatic valve with an electric solenoid valve and integrating it into a control panel.)
Hopper Agitator	A hopper agitator assembly can be installed between the hopper and the conveyor inlet. **It includes:** ○ Sheet Metal Body ○ Shaft with Paddles ○ Seal Block ○ Gear Motor 1/3 hp / .25 kW Motor
Level Sensor	Level sensors are available for a variety of area classifications.
Air Purge	An air purge blows material off of the cable & disc assembly as it moves through the outlet housing. This option is not available on the tube valve.
Clean Out Disc	A clean out oversize(d) disc is available to assist in cleaning the conveyor. **It includes:** ○ Urethane Disc 40 Shore A scale ○ A mounting disc made from UHMWPE & stainless steel hardware attaches the clean out disc to the cable.
Tube Mounted Outlet Valve	A pneumatically actuated tube mounted outlet valve is available. **It includes:** ○ Stainless Steel Housing ○ Rotating Tube with cut out for material exit ○ Gear from Delrin material ○ Pneumatic Actuator ○ Tube Bearing from UHMWPE ○ Solenoid Valve 24VDC Coil ○ Pneumatic Hardware
Tube Valve Transition Chute	A transition chute is a rectangle to round transition chute with 60° walls and is available in 3 sizes: Ø6" / 150mm, Ø8" / 200mm), or Ø10" / 250mm.
Rotation Sensor	A rotation sensor assembly is located on conveyor idler shaft to indicate that the system is operating. This requires integration with controls. **It includes:** ○ Motion pickup flag ○ Sensor mounting bracket and integral guard with access cover ○ Inductive proximity sensor for safe area application (non-hazardous)
Grounding Lug System	Static grounding (earthing) is available. Grounding wire and wire connectors are supplied to attach component parts of the system. All connections are terminated at the grounding lug for the end user to attach to the ground.
Controls	Complete controls are available with or without a VFD.
Internal Minicam & Conveyor Monitoring System	Diagnostic mini inspection cameras are equipped with removable micro SD cards and self-contained LED lighting units.
Water Rinse	As the material has passed out of the system water can be introduced to rinse the inside of the tube, disc and cable.
Foam Agent	Foam cleaning agent is introduced into the tube environment to cleanse all parts of the system
Clearvey™	Food contact grade polymer tubes prevent the rub marks that stainless steel sometimes produces. The clear resin allows visual observation of the product's movement without risk of contamination.