

# Vortex UV Conveyor

## TECHNICAL DATA

- **Application**
  - GRP liners for UV cure
  - Nominal diameters: 24"-66" | DN600-DN1600 mm
- **Belt Features**
  - Approx. 71"W x 157"L | 1800mm W x 4000mm L
  - Variable height
  - Bidirectional variable speed spur gear motor (max. speed 216"/min. | 5.5 m/min.)
- **Folding Device**
  - Used in connection with conveyor
  - Adjustable in inclination up to 21°
  - Powered by swivel motor
  - Equipped with guide rollers for liner positioning
- **Tandem Trailer**
  - Approx. 86"W x 251"L | 2200mm W x 6400mm L
  - Weight: 7,275 lbs. | 3,300 kg
  - Permissible total weight: 7,716 lbs. | 3,500 kg
  - Equipped with 4 supports for operation
- **Cable Winch**
  - Variable extension arm with crane
- **Control**
  - Remote cable control for crane, winch and belt
  - Crank for extending the legs
  - Remote control for trailer tilt
  - Lever for hydraulic pump
- **Accessories**
  - Toolbox for folding device
- **Power**
  - External Power Supply

## Conveyor Belt With Folding Unit for the Installation of UV CIPP Liners Up to 64" | 1,625mm

### DESCRIPTION

The Vortex UV Conveyor system comes with an integrated, automatic folding device, ideal for facilitating the installation of GRP liners in large nominal diameters up to 66" | 1,676 mm. Constructed on a tandem trailer, they provide a mobile operation solution for safe, gentle insertion into sewer lines in preparation for UV cure.

The folding device inclines up to 21°, and the crane with winch is remote controlled. The total system length reaches over 236" | 6m, and the anti-slip belt and adjustable rollers maximize protection for the liner before and during installation. This system is field proven and offered as part of Vortex Companies' total UV CIPP solutions package.

### STANDARD FEATURES

- Trailer chassis and tandem axle
- Height-adjustable support feet
- Trailer lifting device
- Anti-slip PVC conveyor belt
- Swiveling folding unit
- Adjustable idlers
- Sliding film roller
- Gear motor conveyor belt
- Motorized crane
- Sliding crane portal

- Grippy and strong belt
- Belt width: approx. 70" | 1,800mm
- Length conveyor belt: approx. 157" | 4,000mm
- Inclination angle: 21° hydraulic
- Infinitely variable in height
- Powered by spur gear motor
- Speed infinitely variable (max. speed 216"/min. | 5.5 m/min.)
- Running direction forward and backward

