

# CONNEX™ SPIRAL

Connex, Hytrol's plastic chain conveying solution, is designed to deliver the flexibility and modularity required in today's supply chain. The Connex Spiral accommodates a variety of products, with simple setup, a small footprint, and a low noise level.

## FEATURES & BENEFITS

### SMALL FOOTPRINT

- Saves valuable floorspace

### SINGLE DRIVE MOTOR

- Reduced energy consumption
- Fewer controls
- Simpler system integration

### LOW NOISE

- < 70 decibels in most applications

### EASY TO INSTALL

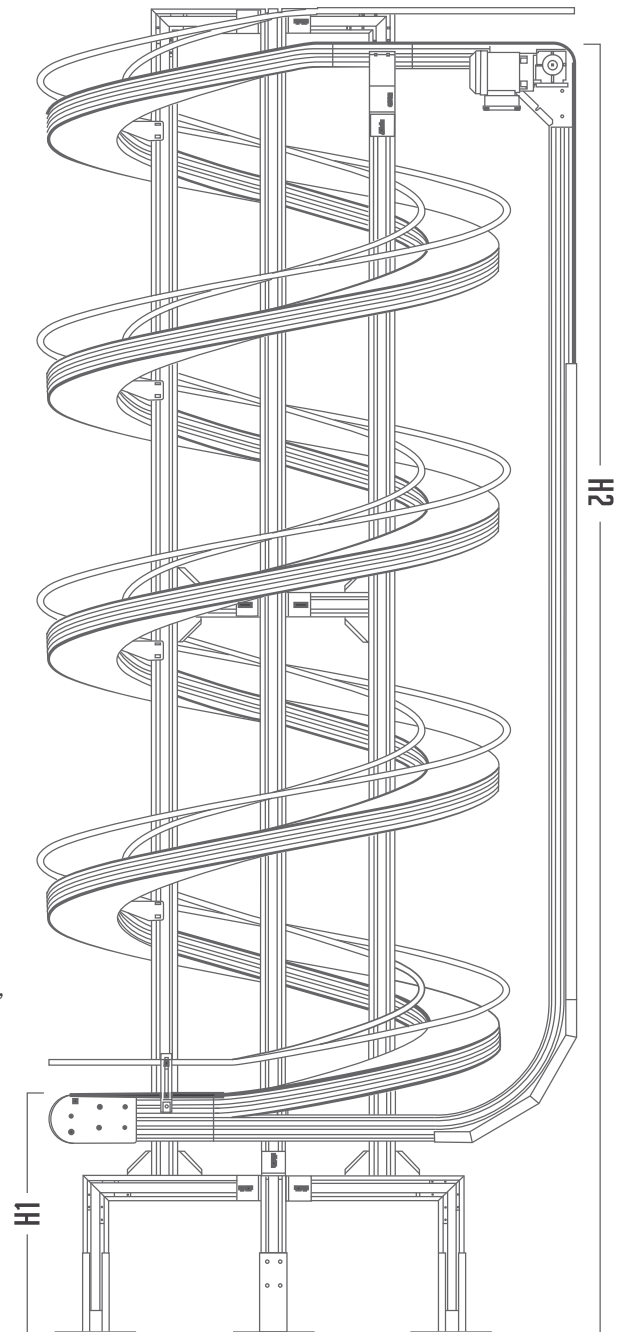
- Fully assembled and tested at the Hytrol Connex facility
- Powertrain drives shipped intact

### MADE TO ORDER

- Spirals created to fit specific application needs
- Hytrol's five basic configurations fit most needs and are available in either clockwise or counterclockwise rotation

### FAST DELIVERY

- With one of the best lead times in the industry, Connex Spiral applications ship between 6 and 8 weeks





## TECHNICAL INFORMATION

CONNEX SPIRAL

### CHAIN WIDTHS

- 83 mm, 140 mm, and 220 mm

### MINIMUM CENTERLINE RADIUS

- 800 mm center line diameter on 83 and 140 mm chains
- 1200 mm center line diameter on 220 mm chain

### MAXIMUM INCLINE / DECLINE

- 14° on 83 mm chain
- 12° on 140 mm and 220 mm chain

### MAXIMUM NUMBER OF REVOLUTIONS PER SPIRAL

- 10

### MINIMUM / MAXIMUM ELEVATIONS

- H1 - 300 mm (11.81")
- H2 - 6000 mm (19'-8')

### SPEED

- Up to 50 m per minute (165 FPM)

*Note: Speeds greater than this are available depending on application*

### CAPACITY

- 50 kg per 1.5 m pitch (50 lbs. every 5ft. pitch)

*Varies due to horsepower, number of revolutions, and speed*



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