

Doing it right; the first time;  
on time; every time.



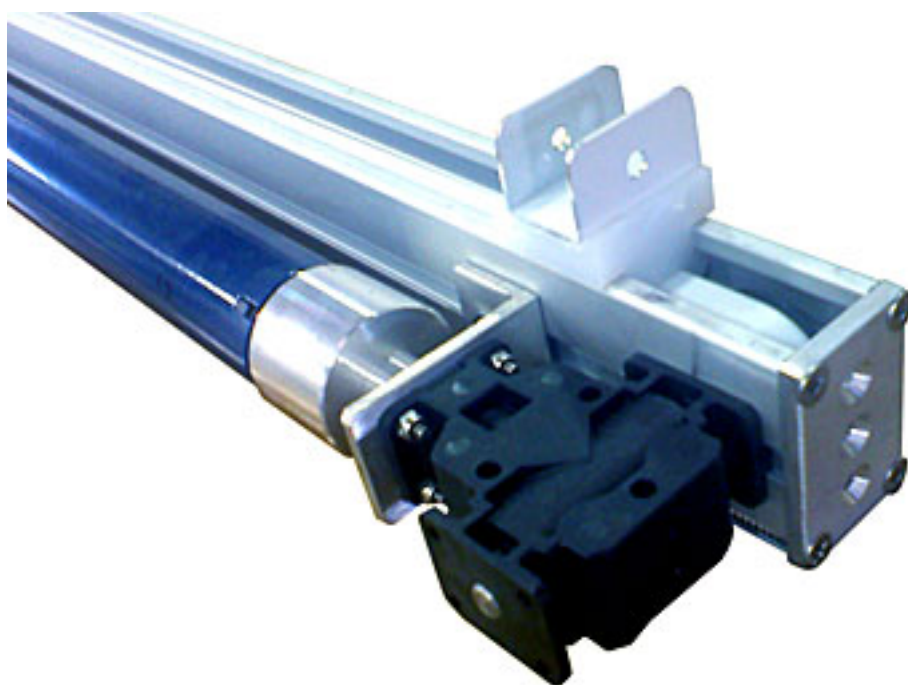
### The Value of Solution Selling

“Torque Transmission’s right angle gear drive allowed us to mount our long slim tube-motor parallel to the drive beam. That made the drive beam one integral unit with the motor and we knew we took the design to the next level of simplicity.”

Steve  
Ostrowski,  
Partner,  
[ShadeFX](#)  
[Canopies](#)



Torque Transmission, Fairport Harbor, OH – September 2, 2008



### The Problem

[ShadeFX Canopies](#) in Toronto, manufactures retractable canopies for decks and patios utilizing a patent-pending monorail drive that does not jam or misalign. A critical element in the design is that the canopy is driven by a monorail beam that supports the canopy in the middle. This process eliminates the need for the tracks to be aligned, and allows it to be mounted to a wood frame that could shift and twist over time.

The company was searching for the exact component that would enable the ShadeFX canopy system to be easily installed as well as integrate with the system’s motor and drive beam.

### The Solution

Torque Transmission’s engineers offered a [Custom Right Angle Gear Box](#) - slightly modified to meet the customers exact requirements - two [timing pulleys](#), one idler shaft, and two keys as an integrated solution, thereby simplifying ordering and inventory. The components are shipped as a kit with a single part number in a sealed, compartmentalized container.

### Key features include:

- Customized, extended shaft improves ease of manufacturing and reduces stand-off dimension by .25 inch
- Compact and cost effective
- Matched components from single manufacturer: [Timing Pulleys](#), Idler Shaft, Custom [Right Angle Gear Drive](#), Keys
- All components packaged in sealed, compartmentalized container - shipped as a kit with single part number

### The Value to the Customer

- **Efficient.** [Torque Transmission's product range](#) - timing pulleys, gearboxes and custom idler shafts - allowed ShadeFX to eliminate two suppliers and simplify inventory and ordering.
- **Effective.** Customizing allowed ShadeFX to achieve design configurations which saved space while simplifying the overall product.
- **Responsive.** Torque Transmission engineers are willing to modify their standard products to help their customers achieve their design and manufacturing goals.

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