

# THRU-WAY TRAILERS™

Thru-Way Trailers™ has been providing customized trailers and engineering solutions to specialized carriers for nearly 40 years. Recognized as an industry innovator in the development of specialized transportation for the Wind Energy sector, Thru-Way has developed the most advanced, Trailer Steerable System for transporting Windmill components in North America today. **BladeMaster™** is designed to transport windmill blades easily and effectively while **SchnabelMaster™** moves tower sections safely and efficiently. Thru-Way Trailers™ is always on time, on budget, and on target.

## **SCHNABELMASTER™**



### **THE CHALLENGE.**

How do you move large diameter windmill tower sections around tight corners easily and cost effectively?

### **THE SCHNABELMASTER™ SOLUTION!**

Design and manufacture a cost effective Schnabel system that is both lightweight and rigid to ensure a safe and efficient transport.

# SIZE DOES MATTER WHEN YOU MOVE WINDMILL TOWERS!

## SCHNABELMASTER™



### 3-AXLE JEEP

|              |  |
|--------------|--|
| Length       | 30 ft. 2"  |
| Width        | 120"   |
| Capacity     | 100,000 lbs  |
| Frame        | Fully welded 100ksi min yield flanges and 80ksi min yield web  |
| Tires        | 275 70R 22.5   |
| Rims         | Tubeless 8.25" x 22.5" steel white, 10 hole  |
| Wheel & Drum | 10 stud hub piloted outboard drums   |
| Axles        | 5" diameter tubular, 25,000 lb. capacity, 77 1/2" wide track   |
| Oil Seals    | Two-piece heavy duty oil seals   |
| Brakes       | 16 1/2" x 7" x 3/4" air actuated, Spicer Red lining; Dust shields, Synflex tubing c/w Haldex Automatic Slack Adjusters   |
| Suspension   | Air ride underslung suspension c/w height control valves and dump box  |
| Fifth Wheel  | 48" sliding fifth wheel  |
| Landing Gear | Holland Mark V. Crank on roadside. Two speed. c/w 10 x 12 sand shoes   |
| Electrical   | 12 volt D.O.T./CSA, J560 seven way receptacle circuit breaker style. Truck-Lite Led System c/w harness   |
| Paint        | Unique 3 stage paint process. Unit shot blasted, primed with two part Epoxy primer and painted in its entirety two coats of automotive enamel air dry paint complete with conspicuity striping |

### 6-AXLE STEER DOLLY

|              |  |
|--------------|--|
| Length       | 40 ft. 9"  |
| Width        | 120"   |
| Capacity     | 120,000 lbs  |
| Frame        | Fully welded 100ksi min yield flanges and 80ksi min yield web  |
| Tires        | 275 70R 22.5   |
| Rims         | Tubeless 8.25" x 22.5" steel white, 10 hole  |
| Wheel & Drum | 10 stud hub piloted outboard drums   |
| Axles        | 5" diameter tubular, 25,000 lb. capacity, 77 1/2" wide track   |
| Oil Seals    | Two-piece heavy duty oil seals   |
| Brakes       | 16 1/2" x 7" x 3/4" air actuated, Spicer Red lining; Dust shields, Synflex tubing c/w Haldex Automatic Slack Adjusters   |
| Suspension   | Air ride underslung suspension c/w height control valves and dump box  |
| Hydraulics   | 24Hp self contained gas power pack   |
| Steering     | Self tracking or manual override   |
| Tow Bar      | A-frame tow/push bar   |
| Electrical   | 12 volt D.O.T./CSA, J560 seven way receptacle circuit breaker style. Truck-Lite Led System c/w harness   |
| Paint        | Unique 3 stage paint process. Unit shot blasted, primed with two part Epoxy primer and painted in its entirety two coats of automotive enamel air dry paint complete with conspicuity striping |

### SCHNABELS

|          |                    |            |  |                |                                   |
|----------|--------------------|------------|--|----------------|-----------------------------------|
| Length   | 24 ft              | Frame      | Box Frame design with 100ksi min yield flanges and 80ksi min yield web | Neck Support   | Dual hydraulically operated       |
| Width    | 86"                | Tower      | Pivots to raise and lower load. Telescopes to fit any tower diameter   | Mechanical     |                                   |
| Capacity | 80,000 lbs per end | Hydraulics | 24Hp self contained gas power pack                                     | Transport Lock | 4 setting, hydraulically operated |
| Paint    | See above          |            |  | Options        | Neck flip box<br>Sliding Kingpin  |