

# 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.



**BLADEMASTER™**  
*Helping You Turn Corners.*

## THE CHALLENGE.

How do you move extremely long loads like windmill blades around tight corners easily and cost effectively?

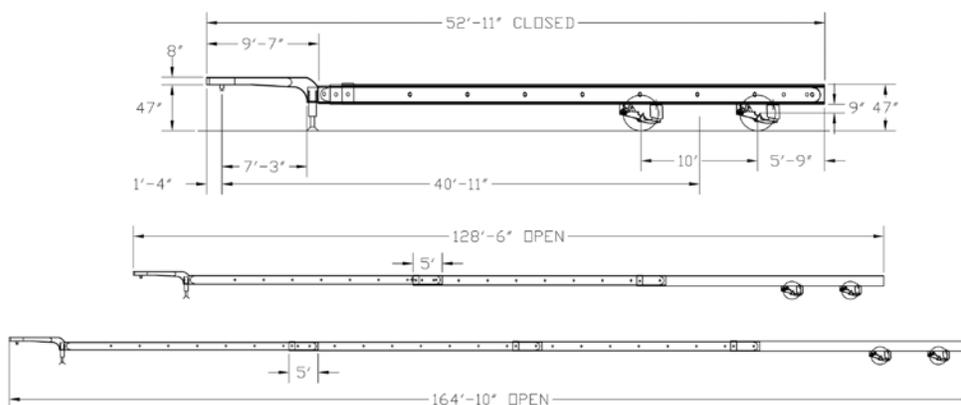
## THE BLADEMASTER™ SOLUTION!

Design and manufacture a cost effective, extendable trailer with a European proven, fully automatic steering system that minimizes driver requirements while maximizing maneuverability and safety.

# SIZE DOES MATTER WHEN YOU MOVE A WINDMILL BLADE!

## **BLADEMASTER**™

*Helping You Turn Corners.*



**Length** 53 ft. to 128 ft. 6" (3 stage) OR 53 ft. to 164 ft. 10" (4 stage)

**Width** 102"

**Weight** 23,500lbs (3 stage) OR 28,800lbs (4 stage) +/-3%

**Frame** Fully welded pre-cambered box frame using 100ksi min yield flanges and 80ksi min yield web.

**Steering System** VSE electronic steering system automatically steered from the kingpin, self centering, self priming, customizable steering curve, built-in safety features

**Controls** Full wireless remote controls

**Power Supply** Electric charging system fed by power cable from the truck

**Tires** 255 70R 22.5

**Rims** Tubeless 8.25" x 22.5" steel white, 10 hole

**Wheel & Drum** 10 stud hub piloted outboard drums

**Axle** 5" diameter tubular hydraulic steer, 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

**ABS** Wabco 4S-2M EBS system with optional roll stability

**Suspension** Ridewell 240-25K underslung suspension c/w height control valves and dump box

**Kingpin** Bolt in kingpin with embedded fifth wheel angle sensor

**Landing Gear** Holland Mark V. Crank on roadside. Two speed. c/w 10x12 sand shoes

**Bunks** Front and rear support bunks with twist locks

**Electrical** 12 Volt D.O.T./CSA, J560 seven way receptacle circuit breaker style. Truck-Lite Led System c/w harness

**Extension Air locks** Thru-Way Automatic Air Locks using a 30/30

**Lights** 9 large lights and 2 strobe lights at rear. Directional lights in middle of trailer. 3 clearance lights each side, c/w directional each side

**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

**Options** Movable blade tip supports  
Movable bunk with twist locks