



*Specialized*

# Wind Tower Schnable System

With TK120LPD-HS Steering Dolly  
And TK100JLW Jeep



*Specialized*



# Wind Tower Schnable System... Featuring

**Trail King's Front and Rear Schnable Goosenecks are each engineered to be almost 4,000 lb. lighter than previous designs.**

Lightweight mast design increases payload capacity

More lifting power enabled by operating at a lower hydraulic pressure

Supportive truss brace at the top of the tower for greater stability and service life

Dual-side controls accessible from ground level for user-friendly operation



### Hydraulic Steering

Front hydraulic steering with proportional linkage allows up to 40° steering angle for tight cornering.



### Adjustable Steering Ratio

Adjustable to allow optimum cornering with both long and short towers.



### Auto Alignment

Axle and position sensors allow quick and accurate auto alignment after manual steering. (Inset: Adjustable linkage allows fine-tuning for different loads.)



### Telescoping Mast

Works with tower flange inner diameter from 119" to 169" and maximum flange thickness up to 6".



### Dolly Self-Contained Hydraulics

13 H.P. Honda self-contained hydraulic unit provides power to rear gooseneck at ground level.



### Aluminum Hydraulic Oil Reservoir

Includes high micron filter for clean fluid, oil level sight gauge, and thermometer.



### Pressure Gauge and Sensor

Each hydraulic steering line has its own pressure gauge and sensor.

# Low Profile Hydraulic Steering Dolly and Lightweight Jeep

**Designed to be 4,900 lbs. lighter than its previous model, Trail King's Low Profile Steering Dolly provides superior maneuvering for specialty hauls.**

More accurate and intuitive hauling around tight corners with front axle steering

Adjustable steering ratio compensates for variety of load lengths

Auto alignment feature saves time after manual steering

Reduced maintenance with limited mechanical linkage

Increased payload capacity provided by light weight design



#### **Multi-Position Air Locks**

Air locks on the tower lift link allow the operator to set tower ride height from ground level.



#### **Support Arm Air Lock**

Air lock on support arm linkage allows operator to control lock pin from ground level.



#### **Dual-Side Hydraulic Controls**

Available on both sides of the gooseneck for operator convenience and ease of operation.



#### **Full Hydraulic Front Steering**

Full hydraulic front steering with a progressive accelerator provides intuitive auto steering.



#### **Lightweight Push Bar**

For positioning dolly on site.



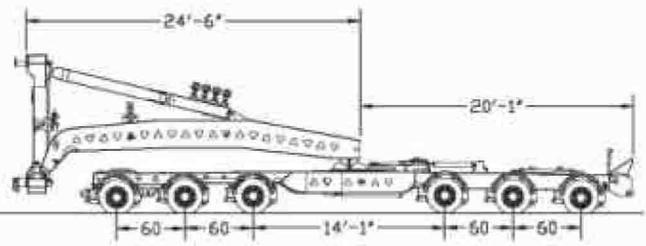
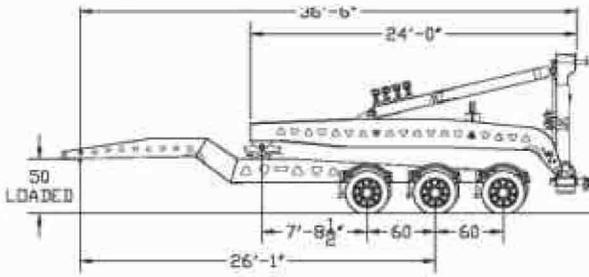
#### **Ride Height Control**

Allows lowering/raising of front and rear axle groups separately.



#### **Jeep Self-Contained Hydraulics**

13 H.P. Honda self-contained hydraulic unit provides power to front gooseneck at ground level.



**Model:** TK100JLW Jeep  
**Capacity:** 100,000 lbs.  
**Width:** 8' 6"  
**Suspension:** Air ride with raising and lowering  
**Tire Size:** 275/70R 22.5 radials  
**Wheels:** Machine finished aluminum disc  
**Features:** Stationary 5th wheel, 54" height  
 Pivot lock for 5th wheel  
 13 H.P. self-contained hydraulics for gooseneck  
 Removable pivot locks on 5th wheel  
 Individual poly fenders  
 Provisions for pintle hitch at rear with air and electrical  
 2-speed landing gear  
**Estimated Weight:** 10,050 lbs.

**Model:** 24' 0" Gen 3 Front Schnable Gooseneck  
**Capacity:** 85,000 lbs.  
**Features:** Pivoting tower raises and lowers load  
 Telescoping single tower adapts to flange diameter  
 Hydraulic support  
 Requires external hydraulic supply  
 140' of air and electrical lines  
 1 set of tension hooks  
 Single upper tower support  
 Hydraulic controls on both sides  
 Air lock for main lift and gooseneck support arm  
 King pin in pivot plate requires locked 5th wheel  
**Estimated Weight:** 11,850 lbs.

**Model:** TK120LPD-HS Rear Steering Dolly  
**Capacity:** 120,000 lbs.  
**Width:** 10' 0"  
**Suspension:** Air ride with raising and lowering  
**Tire Size:** 235/75R x 17.5 radials  
**Wheels:** 6.75 x 17.5 machine finished aluminum disc  
**Features:** 60" axle spacing, 14' 1" group spacing  
 Front steer design  
 Hydraulic steering  
 Auto steer or manual steer  
 34° 1st axle in auto, 39.5° 1st axle in manual  
 Adjustable steering ratio  
 Manual steer by wireless or wire-type remote  
 Auto-alignment after manual steer  
 12.25 x 7.5 brakes (20,000 GAWR)  
 Individual Poly fenders on all axles  
 13 H.P. Honda self-contained unit  
 Auxiliary air outlet for power tools  
 Power beyond for hydraulics  
 Wide load sign brackets at rear  
 Support plate for gooseneck support arm  
 Grote sealed wiring harness  
 Provisions at rear for connecting to front schnable  
 Lightweight push bar and brackets for positioning on site  
**Estimated Weight:** 22,430 lbs.

**Model:** 24' 6" Gen 3 Rear Schnable Gooseneck  
**Capacity:** 85,000 lbs.  
**Features:** Pivoting tower raises and lowers load  
 Telescoping single tower adapts to flange diameter  
 Hydraulic support arm  
 Requires external hydraulic supply  
 1 set of tension hooks  
 Single upper tower support  
 Lights for towing in reverse direction  
 Hydraulic controls on both sides  
 Air lock for main lift and gooseneck support arm  
**Estimated Weight:** 11,220 lbs.

All specifications are subject to change without notice. Trailers pictured in this brochure may feature optional equipment.



**TRAIL KING Industries**

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