



**NEW HOLLAND**  
**TNV**

**PRODUCT**  
**MANUAL**



**NEW HOLLAND**

**TRAINING**

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## The TNV tractor at a glance



**TNV**



<p>Dimensions</p> <p>Minimum tractor width</p> <p>Tractor height (with 360/70 R20 Tires)</p> <p style="padding-left: 40px;">With Cab ROPS Upright ROPS Folded (2WD/4WD)55.3/58.3 in.</p>	<p>42.5 in. ----- 48.4 in. (Tire dependent)</p> <p>87.5 in. 85.5 in.</p>
<p>Wheel Base (2WD/4WD)</p> <p>Engine Power</p> <p>Engine Torque Rise</p> <p>Transmission</p>	<p>80.1/81.3 in.</p> <p>TN65V - 47 PTO HP TN75V - 62 PTO HP</p> <p>TN65V - 17% TN75V - 36%</p> <p>16 x 16 w/ LH Mech. Shuttle</p>
<p>Traction Management System</p> <p>Differential Lock</p> <p style="padding-left: 40px;">2WD 4WD</p>	<p>Automatic</p> <p>Rear Axle Only Front and Rear Axle</p>
<p>Turn Angle (2WD/4WD)</p>	<p>55 (for most spacings)</p>
<p>3PH Lift Force</p> <p>Gross Vehicle Weight</p> <p style="padding-left: 40px;">Cab (4WD) ROPS (2WD/4WD)</p>	<p>3962 lbs., 24" behind link ends</p> <p>5710 lbs. 4785/5182 lbs.</p>
<p>Hydraulic</p> <p style="padding-left: 40px;">Total Flow</p>	<p>up to 23.4 GPM</p>

# Vineyard Focus - TNV



**TN-V overall minimum width from 42.5" (1079 mm)**

With increasing use of mechanization in the vineyard, New Holland designed and manufactured the TN-V narrow tractor ideally for Vineyard applications. The TN-V is the newest addition to the TN family of tractors with many common features and benefits.

The New Holland TN-V tractors offer the customer the most advanced vineyard tractor design and specification available in the market place today. This new tractor design concept, offers small overall dimensions with large tractor features. High torque engines, high flow hydraulic systems, Automatic 4WD system and a 16 x 16 mechanical shuttle transmission provides the ultimate in performance and efficiency. Serviceability, control ergonomics, operator space and driver comfort were a main consideration in the development of this tractor.

### **TN Deluxe Cab**

New Holland's ergonomically designed operator cab provides the ultimate in comfort and control resulting in increased productivity.

### **New Holland Iveco Engine - Increased Power**

Torque levels in this quiet-running engine have increased (giving a 36% torque rise) to ensure sufficient power to handle a multitude of application needs.

### **Automatic 4WD Traction Management System**

The ultimate traction management system, provides maximum traction when you need it. This results in greater efficiency, less operator fatigue, and less tire wear.



### **Servo Assisted PTO System**

Centrally located low effort PTO engagement lever provides ease of clutch feathering for high inertia implements.



### **3-Point Hitch System**

The tractor has fast raise 3-point hitch switch for convenient turnarounds. Exceptional 3-point hitch lift capacity and lower link sensing makes this tractor a class above the competition.

### **Superior Hydraulics**

Class leading hydraulic oil flow up to 23.4 GPM total flow to handle the most demanding of implements.

### **Differential Lock**

Electro-hydraulic controlled differential lock on all models. Front and rear on FWD models and rear only on 2WD models.

**Product Identification - (Serial Numbers and tractor identification)**

The cab identification plate is located inside the cab, behind the operators seat.

A data plate giving vehicle information is located on the left hand side, behind the operators seat.



The identification serial number is stamped on the front of the right hand surface of the axle support.

The engine serial number is also located on the left hand side of the engine block.



**Ergonomically designed control layout, excellent all-around visibility**

**Pressurized and spacious cab for safe and comfortable operation**

**Luxury cab with noise levels as low as 78 dBA makes the TNV a pleasure to drive**





The TN-V cab features curved large glass sides which increases all around visibility. The forward field of vision for the operator is enhanced with the compact, front instrument console, a narrow, sloping engine hood and clean uncluttered engine sides. This allows the operator to easily view front mounted implements, overhanging trees or drive-in rows. The operator has an excellent, unobstructed view to the rear hitch and linkage.

### **Maximum forward and rear visibility**

TNV tractors feature a spacious six post design, roll over protection safety cab. No additional roll over safety bar is required. Reduced in-cab noise levels and an optional air suspension seat aid operator comfort.

**No restriction in overall width for maximum application flexibility**



The ergonomic layout of the cab is designed to improve comfort and reduce stress. The main controls are laid out conveniently on the operators right hand side. Noise levels are as low as 78dBA with the engine at rated speed.

**Increased operator comfort**

**Reduced operator fatigue facilitates greater productivity**



Slim line cab pillars, 43 ft<sup>2</sup> of tinted glass, and frameless glass doors combine to provide the operator with maximum all round visibility. This also ensures the operator can work closer to the row without excessive damage to the crop or the tractor.

**Unobstructed field of vision  
Increases safety and work output**



## Engine



The fully suspended six post cab is fitted with two front and two rear tuned rubber **“silent blocks”** to suspend and isolate the entire cab from engine and driveline vibration and noise.

**Suspended and isolated cab, maximizes operator comfort**



Two wide opening, frameless glass doors permits the operator to enter and exit the cab on either side. The side mounted gear levers, the low & narrow transmission tunnel and suspended pedals keep the floor area clear and allow the operator plenty of leg room and ensure ease of cleaning.

**Safe entry and exit from both sides.  
Plenty of leg room for the operator**



The smooth flow, streamlined tractor design with recessed worklights allow the TN tractor to drive through overhanging vegetation and branches. Door handles(1) are designed to allow branches to brush by without damage. Minimal damage to growing crop, developing fruit and the tractor itself. Engine side shield(2) have been added to exposure to crops.

**Reduced crop and tractor damage**

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