

**HD1400 T4 DUAL BOOM HEDGER TOPPER**  
**SPECIFICATION SHEET**

**SPECIFICATIONS**

- CUTTING CROSS DIAMETER(EACH SIDE).....13' (396 CM)**
- MAXIMUM FLAT TOPPING HEIGHT.....22' (640 CM)**
- MINIMUM HEDGING WIDTH.....4'4" (137 CM)**
- MAXIMUM HEDGING WIDTH.....13'7" (331 CM)**
- MAXIMUM HEDGING HEIGHT (AT 4'4" HEDGING WIDTH).....24'2" (699 CM)**
- TRANSPORT HEIGHT (WITH BLADES INSTALLED).....12'1" (369 CM)**
- MACHINE WEIGHT.....30,450 LBS (13800 KG)**
- SAW BLADES .....6 - 32" DIAMETER, PROPRIETARY SAW BLADES**

**SELF PROPELLED POWER UNIT:**

**Includes the following components:**

- DANA SPICER** heavy duty front and rear axles including:
  - Integrated dynamic and emergency brakes
  - 100% differential lock
- JOHN DEERE** 6068H Final Tier 4, 200 HP turbo charged diesel engine
- JOHN DEERE / FUNK** pump drive
- DANA SPICER 360** two-speed gearbox. Combined with two-speed hydrostatic drive motor yields four speeds:
  - Low – Low
  - Low – High
  - High – Low
  - High – High
  - Maximum transport speed: 20 mph
- HYDROSTATIC DRIVE SYSTEM:**
  - **DANFOSS** hydraulically piloted hydrostatic pump with inching pedal
  - **VOAC** two-speed, variable displacement hydrostatic motor
- RIMS AND TIRES**
  - **Two Wheel Steering:** Rear 16.9 x 34, Front 14.9 x 24 - 18 ply forestry tires
  - **Four Wheel Steering:** Mitas EM60 17.5 x 25 - 22 ply

**HYDRAULIC SYSTEM:**

- Saw blade rotation circuit – **DANFOSS** variable displacement piston pump with **VOAC** piston motor
- Cross rotation circuit – **DANFOSS** variable displacement piston pump with **CHARLYNN** geroler motor.
- Cylinder control circuit – **CASAPPA** gear pump
- Cooling package fan circuit – **CASAPPA** gear pump.

### **OPERATOR CAB:**

#### **A modern cab design featuring:**

- Sealed cab with integrated air conditioning and heating system (30,000 btu).
- Side entrance door for easier access into the cab.
- Improved ergonomics and controls for more efficient operation.
- Air suspension seat to keep the operator comfortable during the long work days.
- Dual sun roofs providing excellent visibility. Includes sun screens to reduce glare and heat in the cab.
- High strength, tempered glass with laser cut, steel window guarding.
- Integrated front windshield wiper.
- Double tilt and telescopic steering column.
- USB port for charging.
- Inside storage compartment.

### **COOLING SYSTEM :**

#### **There are two cooling systems:**

- Charged air cooler
  - Aluminum, high debris radiator located at the front of the machine.
  - John Deere variable speed engine fan.
  - Stainless steel tubing.
  - Removeable radiator screen for easy cleaning.
  - Easy access from the front of the engine cover.
- Engine coolant
  - Aluminum, high debris radiator located at the rear of the machine.
  - Hydraulically reversible poly fan.
  - Stainless steel tubing throughout.
  - Mounted on rubber isolators to reduce vibration.
  - Hydraulic oil cooler, fuel cooler, and air conditioning condenser.

### **FLUID CAPACITIES:**

- Diesel fuel: 85 gallons
- Diesel Exhaust: 5 gallons
- Hydraulic Oil: 85 gallons

### **OPTIONS:**

- Forward and rear view camera system
- CAC reversible front fan
- Complete exhaust system head shield
- Fire suppression system
- Position sensing system

### **NOTES:**

- As our policy is of continuous improvement, we reserve the right to change specifications and design without prior notice.