



## Route Star Tool Truck Specifications

### Overall Dimensions

- |                            |                             |
|----------------------------|-----------------------------|
| 1. Wheelbase               | 178" (4.52m)                |
| 2. Overall length          | 306" - 310" (7.77m – 7.87m) |
| 3. Overall width           | 96" (2.44m)                 |
| 4. Overall height (loaded) | 132" (3.35m)*               |
| 5. Interior walkway length | 192" (4.87m)                |
| 6. Interior body width     | 89" (2.26m)                 |

\***Note:** Estimate, actual height to be mounted on vehicle dashboard during time of build.

### 2020 MT-45 Chassis Specifications

#### Engine

1. Diesel, Cummins ISB, 6.7 L, 220 HP, 520 ft-lb torque
2. 2010 EPA CARB emissions certification
3. 2008 CARB emissions certification – Clean Idle
4. 200 amp alternator
5. Cruise control

#### Instrumentation

1. Driver message center w/ LCD display
  - a. Includes engine hour meter and digital voltage display
2. Green gauge back lighting
3. Programmable RPM control w/ low voltage high idle
4. Fuel quantity gauge
5. Engine coolant temp gauge w/ warning lamp and alarm
6. Automatic transmission oil temp gauge w/ warning lamp
7. Engine oil pressure gauge w/ warning lamp and alarm
8. Electronic MPH speedometer w/ KPH secondary scale
9. Tachometer

#### Transmission

1. 1000 HS Allison automatic transmission
2. Park pawl
3. Transmission oil check and fill
4. Synthetic transmission fluid

#### Axles & Suspension

1. 19,500 lb gvwr
  - a. Rear axle: @ 13,000 lb
  - b. Front axle: @ 8,000 lb
2. 7,000 lb. flat leaf spring front suspension
3. 13,000 lb. flat leaf spring rear suspension

4. Front & rear shock absorbers
5. Front stabilizer bar
6. Rear swaybar

#### **Brakes**

1. Hydraulic disc brakes, front and rear

#### **Fuel**

1. 40 gallon chassis fuel tank
2. 10 gallon DEF tank

#### **Frame**

1. Steel frame- 8.0" x 3.0" x .25"

#### **Tires & Wheels**

1. 225/70R19.5 radial tires, front and rear
2. 19.5 x 6 steel disc wheels

#### **Additional Features**

1. Daytime running lights
2. Dual electric horns
3. Tilt / Telescoping steering column
4. Block heater

#### **Body Requirements**

1. All aluminum side walls, roof and skirting
2. 16' (4.877m) load space
3. Sealed panel driver side with roll down window
4. Sliding door curbside with window
5. Twin 19" wide rear doors (will fully open between lift gate rails)
  - a. Magnetic contacts on rear doors, preventing lift gate operation unless doors are fully open or fully closed
6. High back bucket driver seat on fixed pedestal with arm rests and three point seat belt
7. Sliding, lockable bulkhead separating cab and load space area
8. Bulkhead mounted jump seat with 3-point seat belt
9. Rubber mat in drivers toe area
10. Sidewall studs on 24" (0.61m) centers
11. Heavy duty mud flaps
12. Stainless steel rear view mirrors
13. Aluminum lift-up hood
14. Step wells - .100" aluminum tread plate
  - a. Entry steps covered with non-slip tread.
15. Pulse windshield wiper system
16. Engine enclosure removable and insulated
17. Spray foam insulation will be added to the underside of the body prior to undercoating
18. The entire underside of the apparatus body, all under structure sheet metal work, chassis frame components, and underside of chassis cab shall be sprayed with black automotive undercoating to retard corrosion under apparatus body.

## **Upfit Specifications**

**Note: All interior materials meet the Federal Motor Vehicle Safety Standard (FMVSS) 302 regarding flammability of interior materials.**

### **Exterior**

1. Black rubber entry handle at sliding side door
2. Lift gate with 85" wide x 72" deep main platform and 48" wide x 12" deep flip extension with integrated cart stop
  - a. Additional cart stop integrated into truck side of main platform
  - b. Flip rails mounted on platform to act as side facing cart stops (can be rotated to outside of platform to increase available platform space)
  - c. Automated open and close operation; stainless steel cam and linkage
  - d. Above bed travel to level with vehicle interior floor
3. Transition plate between lift gate and interior
4. Back-up alarm
5. Back-up camera w/ LCD monitor
6. Sign holder
7. Snap-on decal kit
  - a. Body striping with reflective product descriptions
  - b. Large "Snap-on" on driver and passenger sides
  - c. Reflective web address on each side
  - d. Snap-on logo on front of vehicle
  - e. Lift gate graphics to include 50" reflective Snap-on logo & "Own It" decal

### **Interior**

#### ***Display Aids***

1. Passenger Side
  - a. Two fully adjustable 39" Versaflex™ 5-shelf sections with aluminum shelf facing
    - a. Adjustable 18" LED lights above each shelf
    - b. Three (3) slide out, undershelf parts bin drawers
  - b. 83" carpeted tool box area
2. Driver Side
  - a. One fully adjustable 39" Versaflex™ 5-shelf section with aluminum shelf facing
    - a. Adjustable 18" LED lights above each shelf
  - b. One fully adjustable 30" Versaflex™ 4-drawer section with 8" and 10" deep overstock drawers
    - a. Adjustable 18" LED lights above each shelf
  - c. One fully adjustable 36" Versaflex™ 4-drawer section with 8" deep overstock drawer
    - a. Adjustable 18" LED lights above each shelf
  - d. 60" carpeted tool box area
  - e. Vice tray work station (black powder coat finish)
3. 4-hole, 32 hammer ABS hammer display
4. Computer workstation – Snap-on 20" metal (rainbow)
  - a. Includes HDMI inputs wired to monitor, AC power and DC power

5. Creeper storage area

**Lighting**

1. Dome light over front shelf entry area (door activated)
2. Twenty (20) – 18" LED shelf lights
3. Seven (7) – 4' LED ceiling lights
  - a. One (1) located in the cab area
  - b. Six (6) located in the store area

**Interior Finish**

1. Driver's area
  - a. Black ABS overhead control panel console
  - b. Carpeted front shelf
  - c. Black ABS manual / book holder
  - d. Drink holder console with coin and ash tray
  - e. Black ABS headache rack end cap
  - f. White laminate ceiling
  - g. Carpeted walls and bulkhead
  - h. 12 volt power outlet
2. Store area
  - a. 3/16" white pegboard with black heavy duty lacing (double pattern) on walls in shelving areas
  - b. 3/16" white pegboard with black heavy duty lacing (double pattern) on ceiling
    - i. Air tool strips hidden under finished ceiling
  - c. Anodized aluminum ceiling trim
  - d. E-Track in 2 tool box areas and above VersaFlex™ drawers for mounting wall displays
  - e. Two (2) Large Display-n-Stay straps
  - f. (2) – 12' ratchet straps
  - g. Carpeted tool box areas including removable foam rub rails to prevent tool storage damage
  - h. Carpeted bulkhead with bare aluminum door
3. Sub-wall and ceiling construction
  - a. 3/4" plywood sub-wall construction
  - b. Fiberglass insulation package throughout vehicle

**Floor**

1. Non-slip black onyx vinyl flooring (including cab area)
2. Aluminum floor trim
3. Pull rings (6) rear area

**Safety Features**

1. (2) – Five lb fire extinguishers
2. DOT warning triangles
3. Wheel chocks
4. First aid kit
3. Alarm System, including:
  - a. Mercury tilt switch
  - b. Siren speaker (under hood)

- c. (2) Dual Tech infrared motion detectors
- d. Siren speaker (under truck)
- e. Keyless alarm entry
- f. Magnetically controlled contacts on doors and windows
- g. Ignition kill relay

**Audio / Video**

1. Speakers 2 pair – Pioneer 6” round (120 watts)
2. Stereo – Pioneer AM/FM / CD (30 watts x 4)
3. 19” LCD TV / monitor with sound thru stereo system
  - a. HDMI cable routed to workstation
  - b. VGA cable to allow connection to diagnostic platforms

**HVAC Systems**

1. Engine-driven air conditioning – 53,500 btu roof-top unit
  - a. Mounted at rear of vehicle
2. Dash air conditioning for cab area
3. Heater – 12,500 btu – Diesel-fired furnace
4. (2) 12 volt ceiling fans

**Electrical System**

1. 12VDC / 120VAC (split) control / breaker panel with voltage display
2. 120VAC
  - a. 30 amp – 120VAC stainless steel Marinco shore power inlet with sealing collar adapter plug
  - b. 12/3 marine cable used for all 120VAC branch wiring
  - c. 15 AMP 120VAC duplex receptacle
  - d. 1500 watt pure sine inverter
  - e. (2) 15 amp 120VAC duplex receptacles (orange) computer outlets
3. 12VDC
  - a. (4) - 6 volt lead-acid batteries installed in an exterior compartment
    - a. Battery watering kit included
  - b. 2 & 4 gauge copper stranded wire used for 12VDC main supply lines
  - c. 12VDC wiring harness constructed of AWG 8, 10, 12, 14, and 18 mil-spec wire
  - d. Auxiliary fuse panel with cover
  - e. Battery combiner
  - f. Battery monitor
  - g. Progressive dynamics 60 amp charger/converter
  - h. (2) - 12v outlets

**Sales Aids**

1. Wall mounted product displays
  - a. Air Tool Display
  - b. Diagnostic display
  - c. (2) – Three-shelf promo displays
  - d. Hand Tool Display
  - e. Power Tool Display
  - f. Torque Wrench Display

- g. Jack Display
- 2. Tech supply shelves mounted on rear door
  - a. Six (6) 12" long x 2.5" deep
  - b. Six (6) 12" long x 3.5" deep

***Additional Included Options***

- 1. Electric deadbolt on passenger sliding door
- 2. Heated mirrors
- 3. Name & number graphics installed on 2-sides of vehicle
  - a. Installed on driver side near window and passenger side at entry door

**Extended Warranty Coverage**

***Basic Chassis & Vehicle***

- 1. 5 years / 100,000 miles:
  - a. Climate Control System
    - i. Covers complete chassis heat and air conditioning system, including electrical components, lines, wiring, ambient air temperature sensor, and receiver dryer
  - b. Auxiliary HVAC Systems (excludes ParkSmart system and batteries)
  - c. Cooling System
  - d. Suspension - Front & Rear
  - e. Steering System
  - f. Starter & Alternator
  - g. Covers starter motor, starter solenoid, alternator, and mounting brackets
  - h. Drivelines
  - i. Chassis Wiring & Connectors
  - j. Gauges & Switches
  - k. Charge Air Cooler
  - l. Air System
  - m. Braking System
  - n. Interior Components
  - o. Factory Installed Accessories

***Front and rear axles***

- 1. 5 years / 100,000 miles:

***Engine***

- 1. 5 years / 100,000 miles engine
  - a. Includes turbo, injectors and water pump

***Transmission***

- 1. 5 years / unlimited miles

**TOTAL PRICE OF UNIT (FOB Burlington, WI):**

**\$155,760 CAD**