

**STATE OF LOUISIANA  
DIXON CORRECTIONAL INSTITUTE  
TECHNICAL SPECIFICATIONS FOR**

**TRUCK, CAB & CHASSIS, GVWR 25,999, WITH 24 FT. VAN BODY WITH 2,500 LB. LIFTGATE**

**GENERAL**

This specification sets forth the minimum requirements for a 2wd regular cab (25,999# gvwr) outfitted with a 24 ft. van body and 2,500 lb. liftgate.

Equipment shall be new, and must meet all state and Federal safety and emission standards in effect at time of order.

**Cab & Chassis**

GVWR: 25,999 lbs.

Cab to axle: 186.0"

All steel front bumper and 2 frame mounted tow hooks with straight bumper ends

Cab

Conventional day cab

Tinted safety glass windows

Cab entry handles, driver and passenger side

Outside mirrors, convex spotter in driver and passenger side door mirrors

Power adjustable

Trailer style mirrors

3 passenger seat – Vinyl seat upholstery

Lighting, Visibility, Instrumentation and Gauge package including the following

Analog instrumentation display

Trip odometer

Tachometer

Oil temperature gauge

Oil pressure gauge

Diesel exhaust fluid (DEF) gauge

Engine/electric motor temperature gauge

Transmission fluid temperature gauge

Service interval indicator

Variable instrument panel light

Delay interior courtesy lights

Trip computer

Upfitter switches

Headlights –

Aero-composite headlights

Halogen

Multiple enclosed headlights

Auto on/off headlight control

- Delay-off headlights**
- Variable intermittent front windshield wiper**
- Illuminated entry lighting**
- Front reading lights**
- Daytime running lights**
- Cab clearance lights**

- Dual sun visors**
- Driver and passenger door bins**
- Dashboard storage**
- Front beverage holders**
- Instrument panel bin**
- Power windows driver & passenger**
- Power door locks with 2 stage unlocking**
- Key fob activated door locks**
- Climate control manual, including air conditioning, heater and defroster**
- Tilting and telescoping steering wheel**
- Cloth headliner material**
- Full vinyl floor covering**
- Cruise control with steering mounted controls**
- Exterior mirrors – manual folding door mirrors**
- Power outlets – 2 12V power outlets**
- Fixed rear windshield**
- AM/FM radio**
- Auxiliary input jack**
- Steering wheel mounted audio controls**
- Standard grade speakers**
- Bluetooth hands-free wireless device connectivity**
- 1 USB Port**
- Body panels – composite and galvanized steel**
- Electronic stability traction control system**
- Driver and passenger airbags**
- Running boards/cab entry steps**

#### **Engine and fuel**

- 6.7L V-8 diesel direct injection, intercooled turbo, diesel, engine with 270HP**
- Compression ignition system**
- Iron engine block material**
- Aluminum cylinder head material**
- Horsepower: 270 HP@ 2400 RPM**
- Torque: 700 lb.-ft. @ 1500 RPM**
- RNDM shift indicator**
- 75 mph speed limiter**
- Radiator**

**Auxiliary power take-off**

**RNDM shift indicator**

**Fuel/water separator**

**Engine retarder system**

**Alternator**

**Heavy-duty 200 amps alternator**

**Battery**

**Dual lead acid**

**1500CCA battery rating**

**Battery step**

**Battery run down protection**

**Transmission**

**10-speed automatic**

**Electronic control transmission**

**Transmission oil cooler**

**Sequential shift control**

**PTO transmission**

**Drive Type**

**Rear-wheel drive**

**Drivetrain**

**Axle ratio 6.17**

**Single axle speed**

**Exhaust**

**Tailpipe aluminized steel single exhaust**

**Fuel tank**

**Capacity – 50.01 gallons**

**DEF capacity – 8.0 gallons**

**Drive feature**

**Low-speed ABS traction control**

**Standard rear differential**

**Fuel economy and Emissions**

**Federal emissions**

**Suspension and Handling**

**Standard ride suspension**

**Standard grade front shock absorbers**

**Drivability**

**Hydraulic disc brakes**

**Front and rear ventilated disc brakes**

**Four channel ABS brakes**

**4-wheel antilock (ABS) brakes**

**Brake Assistance**

**Hill start assist**

**Front Suspension**

Suspension ride type front - Rigid axle front suspension

Suspension type front – Leaf spring front suspension

**Front Spring**

Regular front springs

**Rear Spring**

Multi-leaf rear suspension

Rubber auxiliary rear spring

**Rear Suspension**

Leaf spring rear

**Steering**

Hydraulic power-assist steering system

2-wheel steering system

**Wheels**

Front and rear – 22.5”

**Tires**

Front and rear – 22.5 x 8.25-inch front and dual wheel tires

**Body exterior**

2 doors

Front splash guards

Side assist steps

**Paint**

Cab: Manufacturer’s standard, white

Chassis: Manufacturer’s standard black

2025 F-750 Diesel Regular Cab Base or equal

**Van Body**

24 ft. L x 96 inches wide x 96”high

**Exterior cargo body**

.040 pre-painted whit aluminum sidewalls

Solid bucked rivets on overlapping joints and structural bonding intermediate posts  
(aluminum sidewalls only)

12 inch grab handles at rear door

**Frontal area**

Aerodynamic aluminum top radium

Extruded aluminum front corner posts

High impact resistant front corner

caps

FRP front wall

**Lighting/electrical 12V**

FMVSS Lights and reflectors

Recessed LED clearance lights

LED cargo dome lamp with rear switch -17 inch or longer with 2 dome lamps

**Interior**

**3/8 inch plywood liner (aluminum sidewalls only)**

**Suframe and floor**

**Interior cargo floor length is true to body length**

**5 inch I-Beam lone sills with 3 inch I-bean steel crossmembers on 12 inch centers**

**1 1/8 inch laminated hardwood flat door**

**Mud flaps**

**Undercoating**

**Roof Assembly**

**Seamless aluminum sheet with anti-snap interior roof bows located on 16 inch centers**

**Rear frame**

**Coated steel rear structure with 12-gauge sides and header coated white (10-gauge on 102 inch W, 10-gauge footer**

**Flush rear sill with drain trough Rear door**

**Roll-up rear door, full width, composite Interior handle release**

**Rear bumper**

**ICC Bumper, finished black**

**Rockport Van Body or equal****Stowaway Liftgate**

**Lifting capacity: 2,500 lb.**

**Platform size: 84 inches x 36 inches + 6 inches**

**Ramp: 6 inch fixed, 10" retention ramp, wedge**

**Operation: Gravity down, ramp ride**

**Controls: Molded toggle switch control**

**Lift cylinder: 3 inch bore x 10 inch stroke, adjustable shaft for platform height adjustment**

**Pivot pins: Non-rotating stressproof material with Nitrotec**

**Bushings: Low maintenance replaceable bushings at all pivot points**

**Snubber: Snubber kit reduces movement during travel**

**Platform surface: Steel skid resistant safety plate**

**Power unit: Electric hydraulic, 12 volt DC motor with solenoid cover**

**Electrical: Meets all TMC electrical requirements, includes 150 am circuit breaker Travel**

**position: Platform stores under truck body at rear of vehicle**

**Bed height range: 38 inch loaded to 54 inch empty**

**Thieman Model M25ET or equal**