

**Prepared for:**  
Chrissy Brimlow  
PUBLIC WORKS EQUIPMENT  
4519 OLD CHARLOTTE HWY  
MONROE, NC 28110

**Prepared by:**  
Joe Horton  
EXCEL TRUCK GROUP  
4633 EQUIPMENT DRIVE  
CHARLOTTE, NC 28269  
Phone: 704-651-9066

## SPECIFICATION PROPOSAL

Description
<b>Price Level</b>
M2 PRL-23M (EFF:01/21/20)
<b>Data Version</b>
SPECPRO21 DATA RELEASE VER 046
<b>Vehicle Configuration</b>
M2 106 CONVENTIONAL CHASSIS 2022 MODEL YEAR SPECIFIED SET BACK AXLE - TRUCK STRAIGHT TRUCK PROVISION LH PRIMARY STEERING LOCATION
<b>General Service</b>
TRUCK CONFIGURATION DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES) UTILITY/REPAIR/MAINTENANCE SERVICE GOVERNMENT BUSINESS SEGMENT BUILDING MATERIAL COMMODITY TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS MAXIMUM 8% EXPECTED GRADE SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE MEDIUM TRUCK WARRANTY EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs

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#### Description

#### Truck Service

FLATBED/PLATFORM BODY WITH LIFT/PULL  
DEVICE/Crane  
NU LIFE  
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE  
FRAME "XX" INCHES : 32.0 in

#### Engine

CUM B6.7 250 HP @ 2400 RPM, 2600 GOV, 660  
LB-FT @ 1600 RPM

#### Electronic Parameters

75 MPH ROAD SPEED LIMIT  
CRUISE CONTROL SPEED LIMIT SAME AS ROAD  
SPEED LIMIT  
PTO MODE ENGINE RPM LIMIT - 1100 RPM  
PTO RPM WITH CRUISE SET SWITCH - 700 RPM  
PTO RPM WITH CRUISE RESUME SWITCH - 800  
RPM  
PTO MODE CANCEL VEHICLE SPEED - 5 MPH  
PTO GOVERNOR RAMP RATE - 250 RPM PER  
SECOND  
PTO MINIMUM RPM - 700  
REGEN INHIBIT SPEED THRESHOLD - 5 MPH

#### Engine Equipment

2016 ONBOARD DIAGNOSTICS/2010  
EPA/CARB/GHG21 CONFIGURATION  
2008 CARB EMISSION CERTIFICATION - CLEAN  
IDLE (INCLUDES 6X4 INCH LABEL ON LOWER  
FORWARD CORNER OF DRIVER DOOR)  
STANDARD OIL PAN  
ENGINE MOUNTED OIL CHECK AND FILL  
SIDE OF HOOD AIR INTAKE WITH FIREWALL  
MOUNTED DONALDSON AIR CLEANER  
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD  
ALTERNATOR WITH REMOTE BATTERY VOLT  
SENSE  
(2) DTNA GENUINE, FLOODED STARTING, MIN  
1900CCA, 350RC, THREADED STUD BATTERIES  
BATTERY BOX FRAME MOUNTED  
STANDARD BATTERY JUMPERS  
SINGLE BATTERY BOX FRAME MOUNTED LH  
SIDE UNDER CAB  
WIRE GROUND RETURN FOR BATTERY CABLES  
WITH ADDITIONAL FRAME GROUND RETURN

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**Description**

NON-POLISHED BATTERY BOX COVER  
POSITIVE AND NEGATIVE POSTS FOR  
JUMPSTART LOCATED ON FRAME NEXT TO  
STARTER  
CUMMINS TURBOCHARGED 18.7 CFM AIR  
COMPRESSOR WITH INTERNAL SAFETY VALVE  
STANDARD MECHANICAL AIR COMPRESSOR  
GOVERNOR  
AIR COMPRESSOR DISCHARGE LINE  
ELECTRONIC ENGINE INTEGRAL SHUTDOWN  
PROTECTION SYSTEM  
CUMMINS ENGINE INTEGRAL BRAKE WITH  
VARIABLE GEOMETRY TURBO ON/OFF  
RH INBOARD FRAME MOUNTED HORIZONTAL  
AFTERTREATMENT SYSTEM ASSEMBLY WITH  
HORIZONTAL TAILPIPE  
ENGINE AFTERTREATMENT DEVICE,  
AUTOMATIC OVER THE ROAD REGENERATION  
AND DASH MOUNTED REGENERATION  
REQUEST SWITCH  
STANDARD EXHAUST SYSTEM LENGTH  
RH STANDARD HORIZONTAL TAILPIPE  
6 GALLON DIESEL EXHAUST FLUID TANK  
100 PERCENT DIESEL EXHAUST FLUID FILL  
LH MEDIUM DUTY STANDARD DIESEL EXHAUST  
FLUID TANK LOCATION  
STANDARD DIESEL EXHAUST FLUID PUMP  
MOUNTING  
STANDARD DIESEL EXHAUST FLUID TANK CAP  
AIR POWERED ON/OFF ENGINE FAN CLUTCH  
AUTOMATIC FAN CONTROL WITHOUT DASH  
SWITCH, NON ENGINE MOUNTED  
CUMMINS SPIN ON FUEL FILTER  
FULL FLOW OIL FILTER  
700 SQUARE INCH ALUMINUM RADIATOR  
ANTIFREEZE TO -34F, OAT (NITRITE AND  
SILICATE FREE) EXTENDED LIFE COOLANT  
GATES BLUE STRIPE COOLANT HOSES OR  
EQUIVALENT  
CONSTANT TENSION HOSE CLAMPS FOR  
COOLANT HOSES  
RADIATOR DRAIN VALVE  
LOWER RADIATOR GUARD  
PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK  
HEATER

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**Description**

BLACK PLASTIC ENGINE HEATER RECEPTACLE  
MOUNTED UNDER LH DOOR  
ALUMINUM FLYWHEEL HOUSING  
ELECTRIC GRID AIR INTAKE WARMER  
DELCO 12V 29MT STARTER WITH INTEGRATED  
MAGNETIC SWITCH

**Transmission**

ALLISON 3500 RDS AUTOMATIC TRANSMISSION  
WITH PTO PROVISION

**Transmission Equipment**

ALLISON VOCATIONAL PACKAGE 223 -  
AVAILABLE ON 3000/4000 PRODUCT FAMILIES  
WITH VOCATIONAL MODELS RDS, HS, MH AND  
TRV  
ALLISON VOCATIONAL RATING FOR ON/OFF  
HIGHWAY APPLICATIONS AVAILABLE WITH ALL  
PRODUCT FAMILIES  
PRIMARY MODE GEARS, LOWEST GEAR 1,  
START GEAR 1, HIGHEST GEAR 6, AVAILABLE  
FOR 3000/4000 PRODUCT FAMILIES ONLY  
SECONDARY MODE GEARS, LOWEST GEAR 1,  
START GEAR 1, HIGHEST GEAR 6, AVAILABLE  
FOR 3000/4000 PRODUCT FAMILIES ONLY  
S5 PERFORMANCE LIMITING PRIMARY SHIFT  
SCHEDULE, AVAILABLE FOR 3000/4000  
PRODUCT FAMILIES ONLY  
S1 PERFORMANCE SECONDARY SHIFT  
SCHEDULE, AVAILABLE FOR 3000/4000  
PRODUCT FAMILIES ONLY  
2600 RPM PRIMARY MODE SHIFT SPEED  
1500 RPM SECONDARY MODE SHIFT SPEED  
ENGINE BRAKE RANGE PRESELECT  
RECOMMENDED BY DTNA AND ALLISON, THIS  
DEFINED BY ENGINE AND VOCATIONAL USAGE  
ENGINE BRAKE RANGE ALTERNATE  
PRESELECT RECOMMENDED BY DTNA AND  
ALLISON, THIS DEFINED BY ENGINE AND  
VOCATIONAL USAGE  
FUEL SENSE 2.0 DISABLED - PERFORMANCE -  
TABLE BASED  
DRIVER SWITCH INPUT - DEFAULT - NO  
SWITCHES  
VEHICLE INTERFACE WIRING CONNECTOR  
WITHOUT BLUNT CUTS, AT BACK OF CAB  
ELECTRONIC TRANSMISSION CUSTOMER  
ACCESS CONNECTOR FIREWALL MOUNTED

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(2) CUSTOMER INSTALLED MUNCIE  
CS20/CS24SERIES PTO's  
  
PTO MOUNTING, LH AND RH SIDES OF MAIN  
TRANSMISSION  
  
MAGNETIC PLUGS, ENGINE DRAIN,  
TRANSMISSION DRAIN, AXLE(S) FILL AND  
DRAIN  
  
PUSH BUTTON ELECTRONIC SHIFT CONTROL,  
DASH MOUNTED  
  
TRANSMISSION PROGNOSTICS - ENABLED 2013  
  
WATER TO OIL TRANSMISSION COOLER, IN  
RADIATOR END TANK  
  
TRANSMISSION OIL CHECK AND FILL WITH  
ELECTRONIC OIL LEVEL CHECK  
  
SYNTHETIC TRANSMISSION FLUID (TES-295  
COMPLIANT)

**Front Axle and Equipment**

DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74  
DROP SINGLE FRONT AXLE  
  
MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT  
BRAKES, DOUBLE ANCHOR, FABRICATED  
SHOES  
  
NON-ASBESTOS FRONT BRAKE LINING  
  
CONMET CAST IRON FRONT BRAKE DRUMS  
  
FRONT OIL SEALS  
  
VENTED FRONT HUB CAPS WITH WINDOW,  
CENTER AND SIDE PLUGS - OIL  
  
STANDARD SPINDLE NUTS FOR ALL AXLES  
  
BENDIX VERSAJUST AUTOMATIC FRONT SLACK  
ADJUSTERS  
  
TRW THP-60 POWER STEERING  
  
POWER STEERING PUMP  
  
2 QUART SEE THROUGH POWER STEERING  
RESERVOIR  
  
CURRENT AVAILABLE SYNTHETIC 75W-90  
FRONT AXLE LUBE

**Front Suspension**

12,000# DUAL TAPERLEAF FRONT SUSPENSION  
  
MAINTENANCE FREE RUBBER BUSHINGS -  
FRONT SUSPENSION  
  
FRONT SHOCK ABSORBERS

**Rear Axle and Equipment**

MS-21-14X 21,000# R-SERIES SINGLE REAR  
AXLE

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6.14 REAR AXLE RATIO  
IRON REAR AXLE CARRIER WITH STANDARD  
AXLE HOUSING  
SPL170 XL DANA SPICER MAIN DRIVELINE WITH  
HALF ROUND YOKES  
MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR  
BRAKES, DOUBLE ANCHOR, FABRICATED  
SHOES  
NON-ASBESTOS REAR BRAKE LINING  
BRAKE CAMS AND CHAMBERS ON FORWARD  
SIDE OF DRIVE AXLE(S)  
CONMET CAST IRON REAR BRAKE DRUMS  
REAR OIL SEALS  
WABCO TRISTOP D LONGSTROKE 1-DRIVE  
AXLE SPRING PARKING CHAMBERS  
BENDIX VERSAJUST AUTOMATIC REAR SLACK  
ADJUSTERS  
CURRENT AVAILABLE SYNTHETIC 75W-90 REAR  
AXLE LUBE

### Rear Suspension

23,000# 52 INCH VARIABLE RATE MULTI-LEAF  
SPRING REAR SUSPENSION WITH LEAF  
SPRING HELPER  
SPRING SUSPENSION - NO AXLE SPACERS  
STANDARD AXLE SEATS IN AXLE CLAMP  
GROUP

### Brake System

AIR BRAKE PACKAGE  
WABCO 4S/4M ABS  
REINFORCED NYLON, FABRIC BRAID AND WIRE  
BRAID CHASSIS AIR LINES  
FIBER BRAID PARKING BRAKE HOSE  
STANDARD BRAKE SYSTEM VALVES  
STANDARD AIR SYSTEM PRESSURE  
PROTECTION SYSTEM  
STD U.S. FRONT BRAKE VALVE  
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE,  
NO REAR PROPORTIONING VALVE  
BW AD-9SI BRAKE LINE AIR DRYER WITH  
HEATER  
AIR DRYER MOUNTED UNDER HOOD  
STEEL AIR BRAKE RESERVOIRS MOUNTED IN  
CAB ENTRY STEPS WHEN POSSIBLE

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**Description**

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CLEAR FRAME RAIL FROM BACK OF CAB TO  
FRONT REAR SUSPENSION BRACKET, RH RAIL  
INSIDE/OUTBOARD AND BELOW  
PULL CABLE ON WET TANK, PETCOCK DRAIN  
VALVES ON ALL OTHER AIR TANKS

**Trailer Connections**

UPGRADED CHASSIS MULTIPLEXING UNIT  
UPGRADED BULKHEAD MULTIPLEXING UNIT

**Wheelbase & Frame**

6400MM (252 INCH) WHEELBASE  
11/32X3-1/2X10-3/16 INCH STEEL FRAME  
(8.73MMX258.8MM/0.344X10.19 INCH) 120KSI  
2275MM (90 INCH) REAR FRAME OVERHANG  
FRAME OVERHANG RANGE: 81 INCH TO 90  
INCH  
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) :  
186.42 in  
CALCULATED EFFECTIVE BACK OF CAB TO  
REAR SUSPENSION C/L (CA) : 183.42 in  
CALC'D FRAME LENGTH - OVERALL : 380.55  
CALCULATED FRAME SPACE LH SIDE : 150.86  
in  
CALCULATED FRAME SPACE RH SIDE : 177.73  
in  
CALC'D SPACE AVAILABLE FOR DECKPLATE :  
186.45 in  
SQUARE END OF FRAME  
FRONT CLOSING CROSSMEMBER  
STANDARD WEIGHT ENGINE CROSSMEMBER  
STANDARD CROSSMEMBER BACK OF  
TRANSMISSION  
STANDARD MIDSHIP #1 CROSSMEMBER(S)  
STANDARD REARMOST CROSSMEMBER  
STANDARD SUSPENSION CROSSMEMBER

**Chassis Equipment**

THREE-PIECE 14 INCH PAINTED STEEL  
BUMPER WITH COLLAPSIBLE ENDS  
FRONT TOW HOOKS - FRAME MOUNTED  
BUMPER MOUNTING FOR SINGLE LICENSE  
PLATE  
FENDER AND FRONT OF HOOD MOUNTED  
FRONT MUDFLAPS

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Description	
	HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS
<b>Fuel Tanks</b>	
	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH RECTANGULAR FUEL TANK(S) PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS FUEL TANK(S) FORWARD PLAIN STEP FINISH FUEL TANK CAP(S) DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER EQUIFLO INBOARD FUEL SYSTEM HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
<b>Tires</b>	
	HANKOOK AL21 11R22.5 14 PLY RADIAL FRONT TIRES HANKOOK DL11 11R22.5 14 PLY RADIAL REAR TIRES
<b>Hubs</b>	
	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS CONMET PRESET PLUS PREMIUM IRON REAR HUBS
<b>Wheels</b>	
	MAXION WHEELS 90262 22.5X8.25 10-HUB PILOT 6.19 INSET 5-HAND STEEL DISC FRONT WHEELS MAXION WHEELS 90262 22.5X8.25 10-HUB PILOT 5-HAND STEEL DISC REAR WHEELS FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS CHROME WHEEL NUT COVERS, METAL AND V2B DUAL SEAL INFLATOR CAPS, FRONT AND REAR
<b>Cab Exterior</b>	
	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB RUBBER CAB MOUNTS LH AND RH GRAB HANDLES



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**Description**

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MOLD-IN COLOR GRILLE  
MOLD-IN COLOR HOOD MOUNTED AIR INTAKE  
GRILLE  
FIBERGLASS HOOD  
DUAL ELECTRIC HORNS  
DOOR LOCKS AND IGNITION SWITCH KEYED  
THE SAME  
KEY QUANTITY OF 4  
REAR LICENSE PLATE MOUNT END OF FRAME  
INTEGRAL HEADLIGHT/MARKER ASSEMBLY  
(5) AMBER MARKER LIGHTS  
TRUCK-LITE 3 CHAMBER MODULES WITH 45  
SERIES SEALED BEAM LAMPS  
STANDARD FRONT TURN SIGNAL LAMPS  
DUAL WEST COAST BRIGHT FINISH HEATED  
MIRRORS WITH LH AND RH REMOTE  
DOOR MOUNTED MIRRORS  
102 INCH EQUIPMENT WIDTH  
LH AND RH 8 INCH BRIGHT FINISH CONVEX  
MIRRORS MOUNTED UNDER PRIMARY  
MIRRORS  
RH DOWN VIEW MIRROR  
STANDARD SIDE/REAR REFLECTORS  
63X14 INCH TINTED REAR WINDOW  
TINTED DOOR GLASS LH AND RH WITH TINTED  
NON-OPERATING WING WINDOWS  
RH AND LH ELECTRIC POWERED WINDOWS,  
PASSENGER SWITCHES ON DOOR(S)  
1-PIECE SOLAR GREEN GLASS WINDSHIELD  
2 GALLON WINDSHIELD WASHER RESERVOIR  
WITHOUT FLUID LEVEL INDICATOR, FRAME  
MOUNTED

**Cab Interior**

OPAL GRAY CLOTH INTERIOR  
MOLDED PLASTIC DOOR PANEL  
MOLDED PLASTIC DOOR PANEL  
BLACK MATS WITH SINGLE INSULATION  
FORWARD ROOF MOUNTED CONSOLE WITH  
UPPER STORAGE COMPARTMENTS WITHOUT  
NETTING  
IN DASH STORAGE BIN  
(2) CUP HOLDERS LH AND RH DASH  
GRAY/CHARCOAL FLAT DASH

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**Description**

SMART SWITCH EXPANSION MODULE  
5 LB. FIRE EXTINGUISHER  
HEATER, DEFROSTER AND AIR CONDITIONER  
STANDARD HVAC DUCTING  
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH  
STANDARD HEATER PLUMBING  
VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR  
BINARY CONTROL, R-134A  
STANDARD INSULATION  
SOLID-STATE CIRCUIT PROTECTION AND FUSES  
12V NEGATIVE GROUND ELECTRICAL SYSTEM  
DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS  
LH AND RH ELECTRIC DOOR LOCKS  
(1) 12 VOLT POWER SUPPLY IN DASH  
TRIANGULAR REFLECTORS WITHOUT FLARES  
BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION  
2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT  
DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS  
LH AND RH INTEGRAL DOOR PANEL ARMRESTS  
BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER  
BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER  
BLACK SEAT BELTS  
FIXED STEERING COLUMN  
4-SPOKE 18 INCH (450MM) STEERING WHEEL  
DRIVER AND PASSENGER INTERIOR SUN VISORS

**Instruments & Controls**

GRAY DRIVER INSTRUMENT PANEL  
GRAY CENTER INSTRUMENT PANEL  
ENGINE REMOTE INTERFACE WITH PARK BRAKE AND NEUTRAL INTERLOCKS  
BLACK GAUGE BEZELS

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**Description**

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LOW AIR PRESSURE INDICATOR LIGHT AND  
AUDIBLE ALARM

2 INCH PRIMARY AND SECONDARY AIR  
PRESSURE GAUGES

INTAKE MOUNTED AIR RESTRICTION  
INDICATOR WITHOUT GRADUATIONS

97 DB BACKUP ALARM

ELECTRONIC CRUISE CONTROL WITH  
SWITCHES IN LH SWITCH PANEL

KEY OPERATED IGNITION SWITCH AND  
INTEGRAL START POSITION; 4 POSITION  
OFF/RUN/START/ACCESSORY

ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28  
LED WARNING LAMPS AND DATA LINKED

HEAVY DUTY ONBOARD DIAGNOSTICS  
INTERFACE CONNECTOR LOCATED BELOW LH  
DASH

2 INCH ELECTRIC FUEL GAUGE

ENGINE REMOTE INTERFACE WITH MULTIPLE  
SET SPEEDS

ENGINE REMOTE INTERFACE CONNECTOR IN  
ENGINE COMPARTMENT

ELECTRICAL ENGINE COOLANT TEMPERATURE  
GAUGE

2 INCH TRANSMISSION OIL TEMPERATURE  
GAUGE

ENGINE AND TRIP HOUR METERS INTEGRAL  
WITHIN DRIVER DISPLAY

CUSTOMER FURNISHED AND INSTALLED PTO  
CONTROLS

ELECTRIC ENGINE OIL PRESSURE GAUGE

AM/FM/WB WORLD TUNER RADIO WITH  
BLUETOOTH AND USB AND AUXILIARY INPUTS,  
J1939

DASH MOUNTED RADIO

(2) RADIO SPEAKERS IN CAB

AM/FM ANTENNA MOUNTED ON FORWARD LH  
ROOF

ELECTRONIC MPH SPEEDOMETER WITH  
SECONDARY KPH SCALE, WITHOUT  
ODOMETER

STANDARD VEHICLE SPEED SENSOR

ELECTRONIC 3000 RPM TACHOMETER

IDLE LIMITER, ELECTRONIC ENGINE

PRE-TRIP LAMP INSPECTION, ALL OUTPUTS  
FLASH, WITH SMART SWITCH

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#### Description

DIGITAL VOLTAGE DISPLAY INTEGRAL WITH  
DRIVER DISPLAY  
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR  
WITH DELAY  
MARKER LIGHT SWITCH INTEGRAL WITH  
HEADLIGHT SWITCH  
ONE VALVE PARKING BRAKE SYSTEM WITH  
WARNING INDICATOR  
SELF CANCELING TURN SIGNAL SWITCH WITH  
DIMMER, WASHER/WIPER AND HAZARD IN  
HANDLE  
INTEGRAL ELECTRONIC TURN SIGNAL  
FLASHER WITH HAZARD LAMPS OVERRIDING  
STOP LAMPS

#### Design

PAINT: ONE SOLID COLOR

#### Color

CAB COLOR A: L0006EY WHITE ELITE EY  
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS  
PAINT  
POWDER WHITE (N0006EA) FRONT  
WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  
POWDER WHITE (N0006EA) REAR  
WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  
BUMPER PAINT: FP24812 ARGENT SILVER  
DUPONT FLEX  
STANDARD E COAT/UNDERCOATING

#### Certification / Compliance

U.S. FMVSS CERTIFICATION, EXCEPT SALES  
CABS AND GLIDER KITS

#### Secondary Factory Options

CORPORATE PDI CENTER IN-SERVICE ONLY

#### Raw Performance Data

CALCULATED EFFECTIVE BACK OF CAB TO  
REAR SUSPENSION C/L (CA) : 183.42 in  
CALC'D SPACE AVAILABLE FOR DECKPLATE :  
186.45 in

#### Extended Warranty

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TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING  
COVERAGE \$550 CAP FEX APPLIES

(\*\*\*) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

# Chassis Mounted Leaf Collector

Introducing the American Road Machinery Company Chassis Mounted Vacuum Leaf and Debris Collector. Our self-contained, engine-driven vacuum machine is one tough piece of equipment. This machine can pick up and completely mulch leaves and debris from curb sides, median strips, ditches, open spillways, and other areas, then deposit the mulch in an integral, all-steel hopper.



## Engine

The engine says it all when it comes to a machine like this. That's why we engineered our vacuum leaf collector with the Kohler KDI 2504 TCR Final Tier 4, 4-cycle turbo diesel engine at 74 HP.

## Blower Housing

The blower housing contains a fan that is 30" in diameter. These contain six 3/8" AR-400 steel blades that are stress relieved and statically and dynamically balanced. The 30" fan generates 24,200 CFM. Our fan and blower housing can handle even the heaviest of wet leaves and debris.

## Hose Boom Options

- 6-way remote boom with engine-driven hydraulics and in-cab joystick controller
- In-cab engine Stop/Start gauges

## Hopper

Our models are available in 25 and 30 cubic-yard capacities. They have 12-gauge, all-welded steel construction with 3" channels encircling the body. With an engine-driven, hydraulic hoist, even the heaviest loads are handled easily. This means you can handle more debris with less effort. You can let the machine work for you.



*Tough jobs require Tough Equipment.*



# FEATURES

## UNIT CONFIGURATIONS

- Chassis mounted
- Roll-off mounted

## ENGINES

- Kohler KDI 2504 TCR Final Tier 4, 4-cycle turbo diesel engine at 74 HP

## ENGINE GAUGES

- Electronic throttle with digital read out
- Keyed On/Start/Off switch
- Digital Voltmeter, Tachometer, Hour Meter, Water Temperature and Oil Pressure with safety shut-off
- Emergency stop button
- In-cab control

## POWER TAKE-OFF

- Fluid coupler
- Push button, auto-engage clutch

## FUEL TANK

- 30 Gallon capacity, poly

## HOPPER DIMENSIONS

- 25 & 30 yd. — 101" wide, 118" high

## PAINT

- White enamel automotive finish paint
- Custom colors available

## INTAKE ATTACHMENTS

- Hose quick disconnect

## SAFETY

- LED brake lights, side clearance lights, side reflector, turn signals and truck connector kit
- Amber rotating beacon or strobe
- LED strobe light top and bottom (4) mounted with on/off toggle switch
- Custom camera systems

## REAR DOORS

Units are available with either:

- One-piece, top-hinged rear door with spring-compensated counter balance to aid in holding the door open for dumping
- Two-piece, heavy duty, side-hinged, overlapping rear doors that open with ease and can be locked into place while dumping

## HOSE OPTIONS

- 12'x16" lightweight rubber intake hose

## HOSE BOOM OPTIONS

- 6-way remote boom with engine-driven hydraulics and in-cab joystick controller
- In-cab engine Stop/Start gauges

## HOPPER

- Available in 25 and 30 cubic yard capacity
- 12 gauge all welded steel construction with 3" channels encircling the body.
- Engine-driven, hydraulic, self-dumping hopper with replaceable aluminum mesh and expanded metal screen
- Conspicuity tape on side, rear, and bumper of unit
- Top mounted hood air deflector

## HOPPER FRAME

Heavy main frame made of 5" @ 9 pounds per foot channel supporting full length and width of hopper. Rear bumper is made of channel housing safety lights with conspicuity tape and license plate bracket

- 25 yd. — 100-3/4" wide, 149" long
- 30 yd.. — 101" wide, 159" long

## BLOWER FAN

Six 3/8" AR-400 steel blades, stress relieved and balanced

- 30" diameter fan generates 24,200 CFM

*Some items listed are optional equipment.*