

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

Prepared by:
Joe Horton
EXCEL TRUCK GROUP
CHARLOTTE, NC
704-651-9066

SPECIFICATION PROPOSAL

Description
Price Level
M2 PRL-23M (EFF:01/21/20)
Data Version
SPECPRO21 DATA RELEASE VER 046
Vehicle Configuration
M2 106 CONVENTIONAL CHASSIS 2022 MODEL YEAR SPECIFIED SET BACK AXLE - TRUCK STRAIGHT TRUCK PROVISION LH PRIMARY STEERING LOCATION AND PREP FOR CUSTOMER SUPPLIED RH SIT-DOWN SECONDARY STEERING LOCATION WITH DUAL INSTRUMENT CLUSTER
General Service
TRUCK CONFIGURATION DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES) UTILITY/REPAIR/MAINTENANCE SERVICE UTILITY BUSINESS SEGMENT FIXED LOAD 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

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EXPECTED REAR DRIVE AXLE(S) LOAD :
21000.0 lbs
EXPECTED GROSS VEHICLE WEIGHT CAPACITY
: 33000.0 lbs

Truck Service

END DUMP BODY
CUSTOM PRODUCTS
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 BRAKE OVERRIDE - SERVICE
BRAKE APPLIED
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

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STANDARD BATTERY JUMPERS
SINGLE BATTERY BOX FRAME MOUNTED LH
SIDE UNDER CAB
WIRE GROUND RETURN FOR BATTERY CABLES
WITH ADDITIONAL FRAME GROUND RETURN
NON-POLISHED BATTERY BOX COVER
CAB AUXILIARY POWER CABLE
POSITIVE LOAD DISCONNECT WITH CAB
MOUNTED CONTROL SWITCH MOUNTED
OUTBOARD DRIVER SEAT
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 OUTBOARD UNDER STEP MOUNTED
HORIZONTAL AFTERTREATMENT SYSTEM
ASSEMBLY WITH RH HORIZONTAL TAILPIPE
ENGINE AFTERTREATMENT DEVICE,
AUTOMATIC OVER THE ROAD REGENERATION
AND DASH MOUNTED REGENERATION
REQUEST SWITCH
STANDARD EXHAUST SYSTEM LENGTH
RH STANDARD HORIZONTAL TAILPIPE
13 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

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Description

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
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
PRIMARY SHIFT SCHEDULE RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE
SECONDARY SHIFT SCHEDULE
RECOMMENDED BY DTNA AND ALLISON, THIS
DEFINED BY ENGINE AND VOCATIONAL USAGE
PRIMARY SHIFT SPEED RECOMMENDED BY
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SECONDARY SHIFT SPEED RECOMMENDED BY
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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
WITH PDM AND NO BLUNT CUTS, AT BACK OF
CAB

ELECTRONIC TRANSMISSION CUSTOMER
ACCESS CONNECTOR FIREWALL MOUNTED

CUSTOMER INSTALLED MUNCIE CS20/CS24
SERIES PTO

PTO MOUNTING, LH SIDE 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
CROSSOVER TO CLEAR LH PTO AND DIRECT
MOUNT PUMP

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 15X4 Q+ CAM FRONT BRAKES

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

MERITOR AUTOMATIC FRONT SLACK
ADJUSTERS

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Description

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# MONO 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
6.14 REAR AXLE RATIO
IRON REAR AXLE CARRIER WITH STANDARD
AXLE HOUSING
MXL 17T MERITOR EXTENDED LUBE 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 REAR SIDE
OF DRIVE AXLE(S)
CONMET CAST IRON REAR BRAKE DRUMS
REAR OIL SEALS
WABCO TRISTOP D LONGSTROKE 1-DRIVE
AXLE SPRING PARKING CHAMBERS
MERITOR AUTOMATIC REAR SLACK
ADJUSTERS
CURRENT AVAILABLE SYNTHETIC 75W-90 REAR
AXLE LUBE

Rear Suspension

23,000# FLAT LEAF SPRING REAR SUSPENSION
WITH HELPER AND RADIUS ROD
SPRING SUSPENSION - NO AXLE SPACERS
STANDARD AXLE SEATS IN AXLE CLAMP
GROUP
FORE/AFT CONTROL RODS

Brake System

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Description

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
WABCO SYSTEM SAVER HP WITH INTEGRAL
AIR GOVERNOR AND HEATER
AIR DRYER MOUNTED INBOARD ON RH RAIL
STEEL AIR BRAKE RESERVOIRS
CLEAR FRAME RAILS FROM BACK OF CAB TO
FRONT REAR SUSPENSION BRACKET, BOTH
RAILS OUTBOARD
PULL CABLES ON ALL AIR RESERVOIR(S)

Trailer Connections

UPGRADED CHASSIS MULTIPLEXING UNIT
UPGRADED BULKHEAD MULTIPLEXING UNIT

Wheelbase & Frame

5800MM (228 INCH) WHEELBASE
11/32X3-1/2X10-3/16 INCH STEEL FRAME
(8.73MMX258.8MM/0.344X10.19 INCH) 120KSI
1525MM (60 INCH) REAR FRAME OVERHANG
FRAME OVERHANG RANGE: 51 INCH TO 60
INCH
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) :
162.8 in
CALCULATED EFFECTIVE BACK OF CAB TO
REAR SUSPENSION C/L (CA) : 159.8 in
CALC'D FRAME LENGTH - OVERALL : 327.32
CALCULATED FRAME SPACE LH SIDE : 120.36
in
CALCULATED FRAME SPACE RH SIDE : 150.5 in
CALC'D SPACE AVAILABLE FOR DECKPLATE :
162.45 in
SQUARE END OF FRAME
FRONT CLOSING CROSSMEMBER
STANDARD WEIGHT ENGINE CROSSMEMBER

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Description

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
GRADE 8 THREADED HEX HEADED FRAME
FASTENERS

Fuel Tanks

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

Tires

HANKOOK AL21 11R22.5 14 PLY RADIAL FRONT
TIRES
HANKOOK DL11 11R22.5 14 PLY RADIAL REAR
TIRES

Hubs

CONMET PRESET PLUS PREMIUM IRON FRONT
HUBS
CONMET PRESET PLUS PREMIUM IRON REAR
HUBS

Wheels

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Description

ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18
INSET 2-HAND HD STEEL DISC FRONT WHEELS
ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-
HAND HD STEEL DISC REAR WHEELS
FRONT WHEEL MOUNTING NUTS
REAR WHEEL MOUNTING NUTS

Cab Exterior

106 INCH BBC FLAT ROOF ALUMINUM
CONVENTIONAL CAB
AIR CAB MOUNTING
CAB ROOF REINFORCEMENTS FOR ROOF
MOUNTED COMPONENTS
LH AND RH GRAB HANDLES
MOLD-IN COLOR GRILLE
MOLD-IN COLOR HOOD MOUNTED AIR INTAKE
GRILLE
FIBERGLASS HOOD
SINGLE 14 INCH ROUND HADLEY AIR HORN
UNDER LH DECK
SINGLE ELECTRIC HORN
SINGLE HORN SHIELD
DOOR LOCKS AND IGNITION SWITCH KEYED
THE SAME
KEY QUANTITY OF 4
REAR LICENSE PLATE MOUNT END OF FRAME
INTEGRAL HEADLIGHT/MARKER ASSEMBLY
LED AERODYNAMIC MARKER LIGHTS
INTEGRAL STOP/TAIL/BACKUP LIGHTS WITH 7
EXTRA FEET OF WIRE MOUNTED AT END OF
FRAME
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 8 INCH STAINLESS STEEL FENDER
MOUNTED CONVEX MIRROR WITH TRIPOD
BRACKETS
STANDARD SIDE/REAR REFLECTORS
63X14 INCH TINTED REAR WINDOW

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Description

TINTED DOOR GLASS LH AND RH WITH TINTED
NON-OPERATING WING WINDOWS
MANUAL DOOR WINDOW REGULATORS
1-PIECE SOLAR GREEN GLASS WINDSHIELD
2 GALLON WINDSHIELD WASHER RESERVOIR
WITHOUT FLUID LEVEL INDICATOR, FRAME
MOUNTED

Cab Interior

OPAL GRAY VINYL 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
2-1/2 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
CAB DOOR LATCHES WITH MANUAL DOOR
LOCKS
(1) 12 VOLT POWER SUPPLY IN DASH
BASIC HIGH BACK AIR SUSPENSION DRIVER
SEAT WITH MECHANICAL LUMBAR AND
INTEGRATED CUSHION EXTENSION
BASIC HIGH BACK AIR SUSPENSION
PASSENGER SEAT WITH MECHANICAL LUMBAR
AND INTEGRATED CUSHION EXTENSION
LH AND RH INTEGRAL DOOR PANEL ARMRESTS

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Description

BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER
BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER
BLACK SEAT BELTS
ADJUSTABLE STEERING COLUMN, SUPPLIER CONVERSION TO LH AND RH ADJUSTABLE TILT STEERING COLUMNS
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 WITHOUT INTERLOCKS
BLACK GAUGE BEZELS
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 PRESET FAST IDLE
ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE

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ENGINE AND TRIP HOUR METERS INTEGRAL
WITHIN DRIVER DISPLAY

(1) DASH MOUNTED PTO SWITCH WITH
INDICATOR LAMP - PARK BRAKE AND NEUTRAL
INTERLOCK

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

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)

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Description

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
SHIP TO FONTAINE (CHARLOTTE, NC) PRIOR
TO DELIVERY

Raw Performance Data

CALCULATED EFFECTIVE BACK OF CAB TO
REAR SUSPENSION C/L (CA) : 159.8 in
CALC'D SPACE AVAILABLE FOR DECKPLATE :
162.45 in

Extended Warranty

TOWING: 1 YEAR/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.