

Freightliner + Pac-Mac Bid

by Empire Truck Sales, LLC

## HUMPHREYS COUNTY MISSISSIPPI 20 CUBIC YARD REAR LOADING REFUSE COLLECTION TRUCK

BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING.  
IF NOT COMPLIANT, STATE SPECIFICALLY ITEM BEING OFFERED.

	<u>YES</u>	<u>NO</u>	<u>COMPLY</u>
Body sides shall be minimum 10 gauge high tensile sheet, 50,000 PSI minimum yield steel.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Body perimeter side bolsters shall be 6.38" wide x 10 gauge high tensile, 50,000 PSI minimum yield steel boxed shaped formed channels at the front and 13.25" wide x 10 gauge high tensile 50,000 PSI minimum yield steel at the rear. Reinforcement braces shall be full welded to the body side sheets. Unit must be supplied with vertical body side bracing at both the front and rear corners.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>PAC-MAC</u> <u>DESIGN</u>
The body shall have a street side access door to allow entrance to body for service. Door is to have a minimum dimension of 34" x 34". Door to be equipped with a safety interlock to shut down pump when open.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Body floor shall be minimum 10 gauge high tensile 50,000 PSI minimum yield steel.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>PAC-MAC</u> <u>DESIGN</u>
Floor longitudinal long members shall be minimum 8 gauge 50,000 PSI minimum yield formed channels.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>DESIGN</u>
Floor cross members shall be boxed shaped 5" x 4" x 10 gauge, high tensile 50,000 PSI yield steel. Cross members will be interlaced through the long members on approximately 26" centers to fully support the floor. Cross members shall be single piece full width. <i>No Exception</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>PAC-MAC</u> <u>DESIGN</u>
<b>TAILGATE DIMENSIONS</b>			
Maximum overall width at the hopper opening shall be 85-1/2" outside to outside hopper bolsters.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Inside tailgate loading width shall be minimum of 80	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Hopper opening height shall be minimum of 68"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Overall height above the chassis frame with the tailgate raised shall not exceed 165".	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
<b>TAILGATE CONSTRUCTION</b>			
Tailgate sides shall be 10 gauge 50,000 PSI minimum yield steel and include an 11 gauge, 400 BHN 145,000 PSI yield overlay.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Tailgate side reinforcement shall consist of 2.5" x 5" formed channels and fully welded to the rear perimeter edge of the tailgate side sheets. An interlaced network of 2.5" x 5" and 2" x 5" formed 11 gauge hi-tensile channels plus an 2.25" x 8" x 0.25" hi-tensile channel shall be fully welded to the tailgate sides for superior structural support.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>PAC-MAC</u> <u>DESIGN</u>
Hopper floor shall be minimum 3/16" AR400 abrasion resistant plate steel with typical 184,000 PSI tensile strength and 145,000 PSI yield strength.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>PAC-MAC</u> <u>DESIGN</u>

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Inner slide shall be mounted to the tailgate hinge structure with two (2), 1.5" diameter chrome plated, stress proof steel pins. The same pins shall support the base ends of the slide cylinders. Four (4) bearing bars shall be bolted to the upper and lower surfaces of the guide tubes, which interface with the outer slide.

PAC-MAC  
DESIGN

Outer slide shall be pulled over the inner slide by two (2) double acting, 4.5" bore x 2.0" rod x 26.5" stroke cushioned hydraulic cylinders. Abrasion resistant steel wear bars shall make contact with inner slide bearings to provide smooth linear movement.

PAC-MAC  
DESIGN

The packing blade shall be mounted to the outer slide with two (2), 2.25" diameter, induction hardened C1045 cold drawn steel pins. The blade shall be constructed with 3/16", 150,000 PSI yield strength steel. Two (2) double acting, 4" bore x 2.5" rod x 21.62" stroke, cushioned hydraulic cylinders this shall exert a packing force of 70,100 pounds on the refuse. The resultant packing face pressure shall be a minimum of 30.2 PSI.

PAC-MAC  
DESIGN

Linear movement of the packing blade shall be accomplished with solid cast bronze alloy blade shoes. Rollers shall not be used. The 9" x 2" shoes shall ride in a track integral to the tailgate sides. Pivotal movement of the blade shall be around 2.25" diameter induction hardened C1045 cold drawn steel pins retained in the packing blade. The pins shall be located such that release from bearing load shall be accomplished from outside of the tailgate. Pin retrieval and replacement shall be accomplished from inside the tailgate.

PAC-MAC  
DESIGN

All packing mechanism cylinders shall be within the confines of the tailgate shell to avoid hose damage from limbs and to protect the operator from contact.

\_\_\_\_\_

Each hopper full of material shall be compressed between the packing blade and ejector panel. The ejector shall be automatically advanced by a relief valve. No operator attention shall be required to advance the ejector panel.

\_\_\_\_\_

The packing mechanism shall be equipped with an "automatic crowd" pressure sensing device, which will enable the packing mechanism to find a path through the load which will neither stall the mechanism nor damage the structure thereby prolonging the hopper floor and mechanism life.

\_\_\_\_\_

### DISHCHARGE OF LOAD

The load shall be discharged by means of a positive ejection system. A double acting, telescopic hydraulic cylinder (4 stage, 6.5" bore, 110.12" stroke) shall extend and retract the ejector panel the full length of the body.

2 STAGE

**HUMPHREYS COUNTY MISSISSIPPI**  
**20 CUBIC YARD REAR LOADING**  
**REFUSE COLLECTION TRUCK**

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YES   NO   COMPLY

The hydraulic system shall incorporate adjustable relief valves to protect all components from excessive pressure and overloads.            \_\_\_\_\_

All roof mounted hydraulic tubes shall be securely clamped to prevent vibration, abrasion, and excessive noise.            \_\_\_\_\_

All hydraulic hoses shall conform to S.A.E. standards for designed pressure. Bends shall not be less than recommended by S.A.E. standards. Flat spots in hoses are not acceptable.            \_\_\_\_\_

The hydraulic oil reservoir shall have a gross capacity of 45 gallons and a useable capacity of 35 gallons when filled with hydraulic fluid.            \_\_\_\_\_

The tank shall be complete with a screened fill pipe and cap, filter breather, clean out cover, a 2" suction line cut off, and a level/temperature sight gauge.            \_\_\_\_\_

A ten (10) micron return line filter shall protect the hydraulic system.            \_\_\_\_\_

All multi-spool control valves shall be of a sectional design such that servicing would not require replacement of the entire valve assembly.            \_\_\_\_\_

**HYDRAULIC CYLINDERS**

All cylinders must have a working pressure of 2750 PSI.            \_\_\_\_\_

Packing and slide cylinders must be of the internal cushion design so that hydraulic shock and audible noise is minimized. This shall be accomplished by a design which will decrease the speed of the cylinder for the last one-half (.5") inch of cylinder stroke on both directions of travel.            \_\_\_\_\_

Rods of packing and slide cylinders must be induction hardened to a surface hardness of 55-65 Rockwell C scale and shall be chrome plated.            \_\_\_\_\_

All rod end pin lugs shall be inertia welded to the cylinder rods.            \_\_\_\_\_

**ELECTRICAL**

All electrical wiring connectors to be automotive double-seal, with wiring in split convoluted loom.            \_\_\_\_\_

All wiring connections to be soldered with rubber-molded covering or crimp type connectors with shrink-wrap. Unprotected wiring in any application is unacceptable.            \_\_\_\_\_

All electrical limit switches shall be epoxy impregnated to minimize effects of excess moisture.            \_\_\_\_\_

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**ENGINE & EQUIPMENT**

300 HP Diesel engine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>330</u>
860 lb/ft Torque @ 1300 RPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1,000</u>
Engine mounted oil check and fill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Side of hood air intake with firewall mounted Donaldson air cleaner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
DR 12V 160 AMP 28-SI quadramount pad alternator with remote battery volt sense	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Two (2) Alliance Model 1131, Group 31, 12 Volt maintenance free 1850 CCA threaded stud batteries	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2-2200 CCA</u>
Single battery box frame mounted LH side under cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Positive load disconnects with cab mounted control switch mounted outboard driver seat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
18.7 CFM air compressor with internal safety valve	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Electronic engine integral shutdown protection system	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Exhaust brake integral with variable geometry turbo with on/off dash switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
RH outboard under step mounted horizontal aftertreatment system assembly with RH B-Pillar mounted vertical tailpipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Engine aftertreatment device, automatic over the road regeneration and dash mounted regeneration request switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
11' 6" Exhaust system height	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>VERTICAL</u>
11 Gallon diesel exhaust fluid tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>23 GALLON</u>
Aluminum aftertreatment device/muffler/tailpipe shield(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
On/off fan drive	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Automatic fan control without dash switch, non engine mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Spin on fuel filter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
1000 Square Inch aluminum radiator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1,100 SQ IN</u>
1000 Watt/115 Volt block heater	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>
Aluminum flywheel housing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>

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6.14 Rear axle ratio	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5.38	
MXL 17T Meritor extended lube main driveline with half round yokes	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Driver controlled traction differential – single rear axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Meritor 16.5"x7" Q+ Cam rear brakes, double anchor, fabricated shoes	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Rear brake dust shields				
Rear oil seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Haldex Goldseal Longstroke HD 30/36 1-drive axle spring parking chambers	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Automatic rear slack adjusters	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Synthetic 75W-90 front axle lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
26,000 lb. Flat leaf spring rear suspension with helper and radius rod	<input checked="" type="checkbox"/>	<input type="checkbox"/>	30,000	
Fore/Aft control rods	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>BRAKE SYSTEM</b>				
Air brake package	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Wabco 4S/4M ABS without traction control	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
BW AD-9 Brake line air dryer with heater	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Steel air brake reservoirs	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Pull cables on all air reservoirs	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>FRAME &amp; EQUIPMENT</b>				
207" WB, 132"-140" CA, 61" – 71" AF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	148" CA	
11/32" x 3 1/2" x 10-15/16" Steel frame, 120,000 PSI yield steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Three-piece 14" painted steel bumper with flexible plastic ends	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Front tow hooks – frame mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Fender and front of hood mounted front mud flaps	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
75 Gallon rectangular aluminum fuel tank – LH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	80	

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Two (2) man tool box, mid-back non-suspension passenger seat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Adjustable tilt & telescoping steering column	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>INSTRUMENTS &amp; CONTROLS</b>			
Wood grain driver & center instrument panels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Low air pressure light and buzzer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Primary and secondary air pressure gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Intake mounted air restriction indicator without graduations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Electronic cruise control with switches in LH switch panel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Odometer/Trip/Hour/Diagnostic/Voltage Display	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Diagnostic interface connector, 9 Pin, below dash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Electric fuel gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Electrical engine coolant temperature gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Transmission oil temperature gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Engine and trip hour meters integral within driver display	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Electric engine oil pressure gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
AM/FM/WB Radio with front auxiliary input	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>PAINT</b>			
Color: white	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

10/28/2021

Humphreys County

We, **Empire Truck Sales, LLC**, appreciate the opportunity to quote you on your new truck equipment needs. We are pleased to present you with the following quote and specifications.

**One (1) 2023 Freightliner M2 106 HD Single Axle Chassis with Pac-Mac RLX20 20 Cubic Yard Rear Loader Body.**

**HD Freightliner chassis is quoted with Cummins L9 (330 HP)/Allison 3000 Series Automatic Transmission/ 16k Front Axles and 30K Rear Axle.**

**Total Chassis price: \$89,937**

**Total 20 Yard Rear Loader Body Price: \$80,844**

**Total Equipment price: \$170,781**

***Our Estimated Delivery of completed unit is on or before 6/1/2022***

*\*Please be aware that due to supply chain challenges for all truck manufactures these delivery dates are subject to change. This delivery is derived from the provided Manufacture build dates for chassis and bodies next year at this time.*

**These prices include F.E.T. if applicable, but do not include any State or Local Taxes or Fees.**

Once again, we sincerely appreciate your interest in Freightliner trucks and Empire Truck Sales, LLC., and we look forward to assisting you with all aspects of your new truck equipment needs. If you have any questions or concerns, please do not hesitate to contact me at 601-543-8261 or [jvickers@empiretruck.com](mailto:jvickers@empiretruck.com)

Sincerely,  
Empire Truck Sales, Inc.

Sales Representative:

*Jacob Vickers*

**Prepared for:**  
City Clerk  
Humphreys County  
148 Castleman St  
Belzoni, MS 39038  
Phone: 662-247-3065

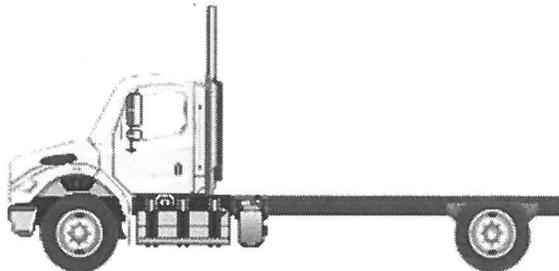
**Prepared by:**  
Jacob Vickers  
EMPIRE TRUCK SALES LLC  
RICHLAND  
373 HIGHWAY 49 SOUTH  
RICHLAND JACKSON, MS  
39218  
Phone: 601-939-5000

*A proposal for*  
**Humphreys County**

*Prepared by*  
**EMPIRE TRUCK SALES LLC RICHLAND**  
*Jacob Vickers*

*Oct 28, 2021*

**Freightliner M2 106**



Components shown may not reflect all spec'd options and are not to scale



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 Phone: 601-939-5000

## S P E C I F I C A T I O N P R O P O S A L

Description	Weight Front	Weight Rear
<b>Price Level</b>		
M2 PRL-26M (EFF:7/26/21)		
<b>Data Version</b>		
SPECPRO21 DATA RELEASE VER 021		
<b>Vehicle Configuration</b>		
M2 106 CONVENTIONAL CHASSIS	5,709	3,503
2023 MODEL YEAR SPECIFIED		
SET BACK AXLE - TRUCK		
STRAIGHT TRUCK PROVISION		
LH PRIMARY STEERING LOCATION		
<b>General Service</b>		
TRUCK CONFIGURATION		
DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
CONSTRUCTION SERVICE		
ROAD AND HIGHWAY MAINTENANCE BUSINESS SEGMENT		
MOIST BULK COMMODITY		
TERRAIN/DUTY: 10% (SOME) OF THE TIME, IN TRANSIT, IS SPENT ON NON-PAVED ROADS		
MAXIMUM 8% EXPECTED GRADE		
MAINTAINED GRAVEL OR CRUSHED ROCK - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
MEDIUM TRUCK WARRANTY		
EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs		
EXPECTED REAR DRIVE AXLE(S) LOAD : 30000.0 lbs		
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 46000.0 lbs		
<b>Truck Service</b>		



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Description	Weight Front	Weight Rear
END DUMP BODY		
EXPECTED TRUCK BODY LENGTH : 0.0 ft		
HOL MAC CORPORATION		
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
<b>Engine</b>		
CUM L9 330 HP @ 2200 RPM; 2200 GOV RPM, 1000 LB-FT @ 1200 RPM	640	30
<b>Electronic Parameters</b>		
75 MPH ROAD SPEED LIMIT		
CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
PTO MODE ENGINE RPM LIMIT - 1100 RPM		
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		
FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY		
TWO REMOTE PTO SPEEDS		
PTO SPEED 1 SETTING - 700 RPM		
PTO SPEED 2 SETTING - 700 RPM		
* NO FLEET SPEC FOR PARAMETERIZATION		
PTO MINIMUM RPM - 700		
REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
<b>Engine Equipment</b>		
2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG21 CONFIGURATION		
NO 2008 CARB EMISSION CERTIFICATION		
STANDARD OIL PAN		
ENGINE MOUNTED OIL CHECK AND FILL		
SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		



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Description	Weight Front	Weight Rear
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES	10	
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		
NON-POLISHED BATTERY BOX COVER		
CAB AUXILIARY POWER CABLE	5	
POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	10	
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 WITH BRAKE LAMPS	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
STANDARD CURVE BRIGHT UPPER STACK(S)		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23 GALLON DIESEL EXHAUST FLUID TANK	35	20
100 PERCENT DIESEL EXHAUST FLUID FILL		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		



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Description	Weight Front	Weight Rear
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD(S)		
BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1100 SQUARE INCH ALUMINUM RADIATOR	70	
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 1000 WATT/115 VOLT BLOCK HEATER	4	
BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ALUMINUM FLYWHEEL HOUSING		
ELECTRIC GRID AIR INTAKE WARMER		
DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH		

**Transmission**

ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
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**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



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Description	Weight Front	Weight Rear
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 DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
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		
DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS		
VEHICLE INTERFACE WIRING CONNECTOR WITH PDM AND NO BLUNT CUTS, AT BACK OF CAB		
ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR MOUNTED BACK OF CAB		
CUSTOMER INSTALLED CHELSEA 280 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		



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Description	Weight Front	Weight Rear
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
<b>Front Axle and Equipment</b>		
DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
MERITOR 16.5X6 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 MERITOR AUTOMATIC FRONT SLACK ADJUSTERS	10	
TRW TAS-85 POWER STEERING POWER STEERING PUMP 2 QUART SEE THROUGH POWER STEERING RESERVOIR	40	
OIL/AIR POWER STEERING COOLER MINERAL SAE 80/90 FRONT AXLE LUBE	5	
<b>Front Suspension</b>		
16,000# FLAT LEAF FRONT SUSPENSION GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION FRONT SHOCK ABSORBERS	260	
<b>Rear Axle and Equipment</b>		
RS-30-185 30,000# U-SERIES SINGLE REAR AXLE 5.38 REAR AXLE RATIO IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		275
DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20



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Description	Weight Front	Weight Rear
(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
MERITOR 16.5X7 P CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES		20
NON-ASBESTOS REAR BRAKE LINING		
BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)		
WEBB CAST IRON REAR BRAKE DRUMS		50
REAR OIL SEALS		
WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
MINERAL SAE 80/90 REAR AXLE LUBE		
<b>Rear Suspension</b>		
30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		230
SPRING SUSPENSION - NO AXLE SPACERS		
STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
FORE/AFT CONTROL RODS		
<b>Brake System</b>		
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 UNDER HOOD		
STEEL AIR BRAKE RESERVOIRS		



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Description	Weight Front	Weight Rear
CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD		
PULL CABLES ON ALL AIR RESERVOIR(S)		
<b>Trailer Connections</b>		
UPGRADED CHASSIS MULTIPLEXING UNIT		
UPGRADED BULKHEAD MULTIPLEXING UNIT		
<b>Wheelbase &amp; Frame</b>		
5450MM (215 INCH) WHEELBASE		
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	220	130
1600MM (63 INCH) REAR FRAME OVERHANG		
FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 149.02 in		
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 146.02 in		
CALC'D FRAME LENGTH - OVERALL : 306.95 in		
CALCULATED FRAME SPACE LH SIDE : 77.29 in		
CALCULATED FRAME SPACE RH SIDE : 176.97 in		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 143.45 in		
SQUARE END OF FRAME		
FRONT CLOSING CROSSMEMBER		
LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
STANDARD CROSSMEMBER BACK OF TRANSMISSION		
STANDARD MIDSHIP #1 CROSSMEMBER(S)		
STANDARD REARMOST CROSSMEMBER		
STANDARD SUSPENSION CROSSMEMBER		
<b>Chassis Equipment</b>		
THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS		
FRONT TOW HOOKS - FRAME MOUNTED	15	
BUMPER MOUNTING FOR SINGLE LICENSE PLATE		



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Description	Weight Front	Weight Rear
FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
<b>Fuel Tanks</b>		
80 GALLON/302 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	40	10
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, HAND PRIMER AND 12 VOLT PREHEATER" EQUIFLO INBOARD FUEL SYSTEM HIGH TEMPERATURE REINFORCED NYLON FUEL LINE	-5	
<b>Tires</b>		
CONTINENTAL HAU 3 WT 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
CONTINENTAL HAU 3 WT 315/80R22.5 20 PLY RADIAL REAR TIRES		200
<b>Hubs</b>		
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
WEBB IRON REAR HUBS		70
<b>Wheels</b>		
ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS	66	
ACCURIDE 29300 22.5X9.00 10-HUB PILOT 5-HAND STEEL DISC REAR WHEELS		164
FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS NO PUSHER/TAG WHEEL MOUNTING NUTS		
<b>Cab Exterior</b>		
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		



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Description	Weight Front	Weight Rear
AIR CAB MOUNTING		
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
2-1/2 INCH FENDER EXTENSIONS	10	
LH AND RH GRAB HANDLES		
HOOD MOUNTED CHROMED PLASTIC GRILLE		
CHROME HOOD MOUNTED AIR INTAKE GRILLE		
FIBERGLASS HOOD		
SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED	4	
SINGLE ELECTRIC HORN		
SINGLE HORN SHIELD		
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
KEY QUANTITY OF 2		
REAR LICENSE PLATE MOUNT END OF FRAME		
INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL		
(5) AMBER MARKER LIGHTS		
INTEGRAL STOP/TAIL/BACKUP LIGHTS		
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS		
DOOR MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
STANDARD SIDE/REAR REFLECTORS		
63X14 INCH TINTED REAR WINDOW		
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



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Description	Weight Front	Weight Rear
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		
SMART SWITCH EXPANSION MODULE		
2-1/2 LB. FIRE EXTINGUISHER	5	
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		
TRIANGULAR REFLECTORS WITHOUT FLARES	10	
BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20	
LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
VINYL WITH VINYL INSERT DRIVER SEAT		
VINYL WITH VINYL INSERT PASSENGER SEAT		
BLACK SEAT BELTS		
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
4-SPOKE 18 INCH (450MM) STEERING WHEEL		



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Description	Weight Front	Weight Rear
DRIVER AND PASSENGER INTERIOR SUN VISORS		
<b>Instruments &amp; Controls</b>		
WOODGRAIN DRIVER INSTRUMENT PANEL		
WOODGRAIN 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		3
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		
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	10	
ELECTRIC ENGINE OIL PRESSURE GAUGE		
NO OVERHEAD INSTRUMENT PANEL		
AM/FM/WB WORLD TUNER RADIO WITH SIRIUSXM, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939	10	



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Description	Weight Front	Weight Rear
DASH MOUNTED RADIO (2) RADIO SPEAKERS IN CAB 24 INCH AM/FM ANTENNA MOUNTED ON LH SIDE MIRROR, RG-62 POWER AND GROUND STUDS IN/UNDER DASH INTEROPERABLE SDAR ANTENNA 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)  
 BUMPER PAINT: FP24812 ARGENT SILVER  
 DUPONT FLEX  
 STANDARD E COAT/UNDERCOATING

**Certification / Compliance**



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Description	Weight Front	Weight Rear
U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		

**Raw Performance Data**

CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 146.02 in  
 CALC'D SPACE AVAILABLE FOR DECKPLATE : 143.45 in

**Sales Programs**

BUSINESS QUOTE SALES PROGRAM

**T O T A L V E H I C L E S U M M A R Y**

**Weight Summary**

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	7771 lbs	4810 lbs	12581 lbs
Total Weight <sup>+</sup>	7771 lbs	4810 lbs	12581 lbs

(+) Weights shown are estimates only.  
 If weight is critical, contact Customer Application Engineering.

(\*\*\*) 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.





# ***pac-mac***



## **RLX SERIES** ***HAUL MORE***

World class manufacturing combined with cutting-edge technology perfectly crafts a superior product: The Pac-Mac® RLX Series. The RLX Series has a packing force of up to 94,000 pounds and offers three premium models, the RLX-18, the RLX-20 and the RLX-25. These models are user-friendly, structurally sound, and offer premium product reliability. **DO IT RIGHT** with Pac-Mac!

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# RLX SERIES

## TECHNICAL DATA AND SPECIFICATIONS

### MODEL

	RLX18	RLX20	RLX20 "BRUTAL"	RLX25	RLX25 "BRUTAL"
Capacity	18 yd <sup>3</sup>	20 yd <sup>3</sup>	20 yd <sup>3</sup>	25 yd <sup>3</sup>	25 yd <sup>3</sup>
Hopper capacity	3.61 yd <sup>3</sup>				
Body weight (body shell only)	4,779 lb	5,118 lb	5,118 lb	5,885 lb	5,885 lb
Body weight (complete unit, less options)	12,700 lb	13,000 lb	13,000 lb	14,000 lb	14,000 lb
Hopper inside width	80"	80"	80"	80"	80"

### BODY SPECIFICATIONS

	RLX18	RLX20	RLX20 "BRUTAL"	RLX25	RLX25 "BRUTAL"
Sidewalls (curved shell)	10 ga 80,000 PSI				
Floor (single sheet, flat)	3/16" high tensile steel				
Roof (curved shell)	10 ga 80,000 PSI				
Ejection panel face	10 ga 80,000 PSI				
Hopper	1/4" 100,000 PSI (T-1)				
Packer panel face	1/4" 100,000 PSI (T-1)				
Slide panel face	3/16" T-1 steel				
Hopper sides	3/16" T-1 steel (lower tailgate); 10 ga 80 ksi steel (upper tailgate)	3/16" T-1 steel (lower tailgate); 10 ga 80 ksi steel (upper tailgate)	3/16" T-1 steel (lower tailgate); 10 ga 80 ksi steel (upper tailgate)	3/16" T-1 steel (lower tailgate); 10 ga 80 ksi steel (upper tailgate)	3/16" T-1 steel (lower tailgate); 10 ga 80 ksi steel (upper tailgate)

### HYDRAULIC SYSTEM

	RLX18	RLX20	RLX20 "BRUTAL"	RLX25	RLX25 "BRUTAL"
Cylinders	-	-	-	-	-
Ejector	(1) 2-stage 5.5" bore	(1) 2-stage 5.5" bore	(1) 2-stage 5.5" bore	(1) 3-stage 6.5" bore	(1) 3-stage 6.5" bore
Tailgate	(2) 3" bore; 1.75" rod; 38" stroke	(2) 3" bore; 1.75" rod; 38" stroke	(2) 3" bore; 1.75" rod; 38" stroke	(2) 3" bore; 1.75" rod; 38" stroke	(2) 3" bore; 1.75" rod; 38" stroke
Slide	(2) 5" bore; 4" rod; 30" stroke	(2) 5" bore; 4" rod; 30" stroke	(2) 5.5" bore; 4.5" rod; 29" stroke	(2) 5" bore; 4" rod; 30" stroke	(2) 5.5" bore; 4.5" rod; 29" stroke
Packer	(2) 4.5" bore; 3.5" rod; 24.38" stroke	(2) 4.5" bore; 3.5" rod; 24.38" stroke	(2) 5" bore; 3.5" rod; 24.38" stroke	(2) 4.5" bore; 3.5" rod; 24.38" stroke	(2) 5" bore; 3.5" rod; 24.38" stroke
Valves	-	-	-	-	-
Shutoff	Ball	Ball	Ball	Ball	Ball
Packing controls	Sectional spool	Sectional spool	Sectional spool	Sectional spool	Sectional spool
Ejector/tailgate raise	Sectional spool	Sectional spool	Sectional spool	Sectional spool	Sectional spool
Operating pressure in PSI	2,500	2,500	2,500	2,500	2,500
Maximum operating pressure	2,750	2,750	2,750	2,750	2,750
Gallons per minute (GPM)	35-38 GPM	35-38 GPM	35-38 GPM	35-38 GPM	35-38 GPM
Reservoir	50 gal.	50 gal.	50 gal.	50 gal.	50 gal.
Packing cycle time	-	-	-	-	-
Complete	17-18 sec	17-18 sec	24 sec	17-18 sec	24 sec
Reload	3 sec	3 sec	4 sec	3 sec	4 sec
Compaction rate in lb/yd	900+	900+	1000+	900+	1000+

### CHASSIS REQUIREMENTS

	RLX18	RLX20	RLX20 "BRUTAL"	RLX25	RLX25 "BRUTAL"
Minimum GVWR	33,000 lb	33,000 lb	43,000 lb	54,000 lb	54,000 lb
Minimum GAWR	-	-	-	-	-
Front axle	10,000	10,000	12,000	14,000	14,000
Rear axle	23,000	23,000*	30,000	40,000	46,000
Pusher axle	-	-	5,000	-	-
Usable CA/CT	136" (+/-2) CA	148-152" CA	148-152" CA	156"-165" CT	156"-165" CT
Minimum after frame	40"	40"	40"	57"	57"

\*Requires a 30,000 lb. spring package

### STANDARD FEATURES

- One piece flat floor
- Curved shell body
- Fast cycle time
- Meets or exceeds ANSI standards
- Wide open accessibility for cleaning and maintenance
- Automatic latches and integrated tailgate props
- The industry's highest standard for hydraulic cleanliness
- LED lighting, weatherproof connections and braided loom
- Dual Amber oval rear strobes
- Heat-treated pins and replaceable bushings throughout
- Large access door with safety interlock
- Emergency stop on curb side
- Driver alert buttons on both sides
- Sectional valves

### OPTIONAL EQUIPMENT

- Single or dual cart tipplers
- Reaving system: 15K cylinder
- Kick bar and container latches (38" minimum chassis height only)
- Front-mounted pump
- Amber or clear beacon rear strobes (single or dual)
- Amber oval flush mount strobes (front and/or rear)
- Smart light strobe system (may be combined with amber ovals)
- Rear vision camera
- Work lights over hopper and tailgate sides
- Frame mounted water cooler
- Frame mounted tool box
- Emergency stop on street side
- Pressure gauge
- Limb Guard

All design, specifications, and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is for information purposes only and shall not be construed to warrant suitability of the unit for any particular purpose, as performance may vary with the conditions encountered. The only warranty is our standard written warranty for this product at the time of shipment.



**POWERED BY**  
**HOL-MAC**  
 CORPORATION

**SPECIFICATION**  
***Truck-mounted, 20 cubic yard rear loader body.***

The unit will be used in collection and loading of residential or commercial refuse. This specification describes a hydraulically actuated packer body of the rear loading type with the following minimum specifications necessary to perform the work assigned.

**UNIT WILL BE MANUFACTURED IN AN ISO 9001:2000 CERTIFIED FACILITY.**

The body shall conform to the latest ANSI Z245 specification as well as the Federal Motor Vehicle Safety Standard FMVSS-108 at the time of manufacture. All proposals include delivery, training of operators and service personnel.

CAPACITY

1. The minimum capacity of the body shall be 20 cubic yards exclusive of the hopper.
2. The minimum capacity of the hopper shall be 3.61 cubic yards without the use of a hopper loading sill extension.
3. The body shall be designed to allow high density compaction of up to 1000 lbs. per cubic yard of household refuse.
4. The unit shall be manufactured in an ISO 9001:2000 certified facility.

BODY DIMENSIONS

1. The maximum overall width shall be 96 inches.
2. The maximum overall length shall be 250 inches.
3. The maximum height above the chassis frame shall be 98" inches.
4. The inside width of the body shall be 85 inches at the widest point.
5. The inside height of the body shall be 84 inches at the highest point.
6. The minimum weight of the body and the tailgate (less special options) shall be 12,600 lbs.

BODY CONSTRUCTION

1. The body has a smooth floor without a trough. No cylinders, valves or other hydraulic components are exposed to refuse packed into the body.

2. The body floor, sides and roof are designed and constructed to withstand maximum imposed force of residential refuse without structural damage or excessive wear.
3. The body sides shall be fabricated from 10 gauge 80,000 psi yield steel and be of a curved one-piece design.
4. The body roof shall be fabricated from 10 gauge 80,000 psi yield steel and be of a curved one-piece design.
5. A 20" x 26" body side door shall be located on the driver's side. The door shall be held shut by a spring-loaded latch.
6. The body floor shall be fabricated from a single sheet of 7 gauge hi-tensile steel, with no depression or trough.
7. The body longitudinal shall be 8" tall structural channel.
8. The floor cross members shall be tapered from the long sill outboard to the body side sheet.
9. The floor cross members shall be fabricated from 7 gauge hi-tensile steel.

#### TAILGATE DIMENSIONS

1. The minimum hopper opening shall be 80" wide and 56" high to permit unobstructed loading of the tailgate hopper.
2. The top of the loading sill shall be equal height to the top of chassis frame to facilitate easy loading.
3. The overall height above the chassis frame with tailgate raised shall be 167 inches.
4. The length of the tailgate shall be 75".

#### TAILGATE CONSTRUCTION

1. The lower tailgate sides shall be fabricated from ASTM A-514 steel w/ minimum hardness of 321 BHN.
2. The hopper floor and chute shall be fabricated from 1/4" ASTM A-514 steel w/ minimum hardness of 321 BHN.
3. The tailgate sides shall be reinforced with hi-tensile steel channels interlaced and fully welded to the side sheets.
4. The hopper and chute floor shall be reinforced with hi-tensile steel channels.
5. The tailgate shall be secured to the body with tailgate lock bars made of

ASTM A-514 steel. The tailgate locks shall operate automatically when the tailgate is raised or lowered.

6. The tailgate seal shall extend a minimum 24 inches up the body side.
7. Two grab handles shall be located on each side of the tailgate.
8. The rear steps shall be fabricated from open grip material with a minimum standing surface of 330 square inches per step. The steps shall comply with A.N.S.I. standards. Steps shall be of a bolt-on design.

### PACKING MECHANISM

1. The packing cycle shall be controlled by a two-lever control that allows the operator to start, stop and reverse the direction of any function at any point during the packing cycle.
2. The tailgate control valve shall be located within the tailgate. It shall be a sectional valve.
3. The packing mechanism shall consist of two primary components: the slide and the packer (sweep) blade.
  - A. The packing mechanism shall be mounted on four wear shoe assemblies utilizing UHMW poly wear shoes. The shoes shall be replaceable without removing the slide assembly from the tailgate.

The packer and slide shall be hinged by two 3" diameter alloy steel pins. These pins shall also support the (2) lower wear shoe assemblies.

- B. The slide face shall be constructed from 3/16" ASTM A-514 steel w/ minimum hardness of 321 BHN.
- C. The packer blade shall be mounted to, and pivot on, the slide. The packer blade shall be fabricated from hi-tensile steel plate, of varying thickness from 10 ga. to 1/2" .
- D. The packer shall have replaceable heat treated bushings in the pivots.

The face sheet shall be 3/16" ASTM A-514 steel w/ minimum hardness of 321 BHN.

4. The packing mechanism shall be powered by two 4 1/2" bore cushioned hydraulic cylinders.
5. The slide mechanism shall be powered by two 5" Bore cushioned hydraulic cylinders

6. The slide and packer cylinders shall have hardened, chrome plated rods. Each cylinder shall have replaceable heat treated bushings.
7. The packing blades shall operate in a minimum 20 second cycle time with a minimum 3 second reload time.
8. The compaction cycle shall interrupt above the hopper sill.
9. Material in the hopper shall be compacted between the packing mechanism and the ejector panel. The ejector panel shall hold pressure against the compacted material and will automatically drift forward by a hydraulic load control valve without operator assistance.
10. The packer blade (sweep) assembly shall be protected by a secondary relief valve that is integral to the tailgate- mounted control valve.

### EJECTION SYSTEM

1. The load shall be ejected by a double acting, telescopic hydraulic cylinder that shall extend and retract the ejector panel the full length of the body without the use of clamp bars or related hardware.
2. The ejector cylinder shall have replaceable heat treated bushings. The cylinder shall have the following dimensions:  

Body size	Bore	Stroke	Stages
20 cu. yd.	5.5"	91"	2
3. The ejector panel shall have a 10 gauge hi-tensile steel face sheet that is reinforced by structural steel tubing and formed channels of high tensile steel.
4. The ejector panel shall be mounted on 8 high-density polyethylene wear shoes that shall be replaceable without removing the ejector panel from the body.
5. The ejector panel shall be guided in the body by two guide tracks located on the body sides 4" above the body floor. The tracks shall be 5 3/4" deep, fabricated from hi-tensile steel and fully welded to the body sides.
6. The ejector cylinder shall be mounted angularly to the body floor and does not require a trough or depression in the floor.

### CONTROLS

1. The ejector and tailgate lift controls shall be mounted at the left front of the body.

2. Ejector and tailgate controls shall be mounted directly to the valve spool.
3. A throttle advance switch shall be located convenient to the ejector and tailgate lift controls.
4. The tailgate controls shall be located at the right rear of the tailgate. The two-lever design shall have positive control of movement of the packing mechanism at all times. The tailgate controls shall comply with the applicable A.N.S.I. regulations.
5. An automatic throttle advance device shall be incorporated with the tailgate controls.

### HYDRAULIC SYSTEM

1. The hydraulic pump shall be a fixed displacement rated at no less than 2500 psi working pressure and have sufficient capacity to equal 35-38 GPM flow at a reasonable engine RPM .
2. The hydraulic pump shall be a direct mount to a transmission-driven clutch-activated hot shift PTO or driven by the engine crankshaft.
3. For extended life of all hydraulic components the maximum operating pressure shall not exceed 2500 PSI.
4. The hydraulic system shall incorporate an adjustable relief in the body valve.
5. Hydraulic hoses and tubes shall be secured by clamps as required to prevent damage from abrasion and vibration. Hydraulic hoses and tubes shall use S.A.E. O-ring boss and JIC 37 degree flare ends for zero leaks.
6. Hydraulic hoses shall comply with the applicable S.A.E. standards for the designed specifications.
7. Hydraulic hoses are to have a 4:1burst to working pressure safety factor.
8. The hydraulic oil reservoir shall have a minimum capacity of 50 gallons. The reservoir shall be equipped with filler, breather cap, sight glass, clean out cover, 100 mesh suction filter, magnetic tank drain plug and gate valve at the suction outlet. The hydraulic reservoir is not a structural member of the body or the mount for the ejector cylinder.
9. A 10 micron Inline Return line filter shall be located on the hydraulic tank and be equipped with a condition indicator.
10. A suction screen filter of 100 mesh (141 micron) shall strain all the oil leaving the tank. Suction filter shall be equipped with a 5 P.S.I. bypass valve.

11. All hydraulic valves shall be sectional in order to allow replacement of defective sections without replacement of the entire valve.
12. All cylinders and valves shall have SAE O-ring boss ports.
13. Hydraulic system shall meet an ISO cleanliness standard of 20/18/13
14. Manufacturer shall provide printed ISO hydraulic cleanliness record.

#### HYDRAULIC CYLINDERS

1. All cylinders shall have a working pressure rating of 3000 psi.
2. The packer and slide cylinders shall have hard chrome plated rods.
3. The packer and slide cylinders shall carry a minimum one year warranty.
4. Tailgate cylinders shall have hardened chrome plated cylinder rods, and be equipped with restrictors to limit the speed of raising and lowering of the tailgate.
5. Telescopic cylinders shall have chrome plated cylinder sleeves and plungers.
6. All cylinders are to operate without direct contact with the compacted load.

#### ELECTRICAL

1. All electrical wiring shall be color coded and be protected by loom.
2. Electrical harnesses shall be connected with weatherproof automotive-grade electrical connectors.
3. Electrical wires shall be stranded copper type with a SXL covering to remain flexible and resist to deterioration.
4. Electrical wires shall be color coded and numbered for easy identification.
5. Body electrical system shall be protected with its own fuse block.
6. All fuses shall be ATO type.
7. All limit switches shall be water proof to prevent damage from the elements and pressure washing.

8. All lighting shall comply with F.M.V.S.S. #108, with an additional set of two stop, tail and turn lights mounted above the hopper on a light bar.
9. Clearance, backup, stop and directional lights shall be rubber grommet mounted with sealed light housings, lexan lenses, vibration resistant filaments, and unitize sealed quick change connections.
10. A 112 Db backup alarm conforming to current standards must be provided. The alarm must also sound when the tailgate is open.
11. Conspicuity tape shall be applied per ANSI Z245 requirements.

#### PAINING

1. All burrs and rough areas are to be ground smooth and all welds cleaned to remove slag.
2. Prior to application of any coating, all surfaces shall be thoroughly cleaned and conditioned with a phosphate solution.
3. The body shall then be coated with two (2) coats of a self etching epoxy primer.
4. Two finish coats of polyurethane enamel shall be applied to produce a high finish.

#### ADDITIONAL OPTIONS AVAILABLE

1. Rear vision camera systems shall be provided and include LCD flat screen monitor in cab.
2. An Emergency PTO Stop will be located on the rear of the body.
3. Operators and Parts manuals shall be provided on CD and paper copy.
4. A rotary actuated cart tipper shall be center OR dual rotary actuated cart tippers mounted on rear load sill with control handles curbside mounted (single) and street side (dual).
5. Petersen smart lights.
6. Hopper work lights.
7. Limb guard.
8. 15,000 lb reeving system

#### Warranty

1. One year warranty on the entire unit. Additional warranties available.
2. "On-Site" warranty service.

## HOL-MAC CORPORATION WARRANTY POLICY

Hol-Mac Corp. (Pac-Mac ®) warrants each Hol-Mac product it manufactures and each new part and component sold by Hol-Mac to be free of defects in material and workmanship, provided the parts and components are operated and maintained in accordance with Hol-Mac published operating and maintenance instructions applicable thereto. This warranty is subject to the terms and conditions stated below.

**Warrantor:** This warranty is granted by Hol-Mac Corporation, P.O. Box 349, Bay Springs, Mississippi 39422. All warranty work must be accomplished by Hol-Mac at its factory in Bay Springs, Mississippi, or by such other facility specifically authorized by Hol-Mac. All warranty work performed by a facility other than Hol-Mac must be approved by Hol-Mac in writing prior to commencement of said work.

**Duration of Warranty:** The time periods applicable to the warranty of the specified component parts of the Hol-Mac products are as follows:

Major Structural Component Parts – 1 year  
Non-Hydraulic Replacement Parts – 1 year

**Exclusion and Disclaimers:** This warranty does not extend to normal maintenance services such as cleaning, greasing, mechanical adjustments and maintenance inspections or to any defect due to the negligence of others, failure to operate or maintain the product in accordance with the published operating and maintenance instructions furnished by Hol-Mac, unreasonable use, accidents, alterations or wear and tear. Hol-Mac also reserves the right to make changes in the design or material of its products without incurring obligation to incorporate such changes in any product previously manufactured.

**Procedure for Obtaining Performance Under this Warranty:** In order to qualify under this warranty, the owner must notify Hol-Mac within (45) days of discovery of the defect and promptly deliver the entire product or defective part to Hol-Mac at its factory in Bay Springs, MS, or if requested by Hol-Mac to such other authorized facility designated by Hol-Mac. Upon receipt of such product, part or component, if it is found not to be defective in material or workmanship, Hol-Mac shall notify the owner of such fact and request instructions for the return of such product, part or component to the owner. All costs of transporting Hol-Mac products to and from the Hol-Mac factory, or such other authorized facility designated by Hol-Mac, shall be paid by the owner.

[NO OTHER WARRANTY, WHETHER OF FITNESS OR OTHERWISE, EXPRESSED OR IMPLIED, IN FACT OR BY LAW, IS GIVEN BY HOL-MAC WITH RESPECT TO ANY NEW PRODUCT, PART OR COMPONENT, OR WITH RESPECT TO ANY WORK AND NO OTHER OR FURTHER OBLIGATION OR LIABILITY SHALL BE INCURRED BY HOL-MAC BY REASON OF THE MANUFACTURE, SALE, OR LEASE OF ANY PRODUCT, PART, OR COMPONENT OR OF ITS USE, WHETHER FOR BREACH OF WARRANTY, NEGLIGENCE OF MANUFACTURE OR OTHERWISE.]

Freightliner (FTL)



## Freightliner Medium Truck

Description	Coverage <sup>1</sup>	
	Time <sup>2</sup>	Distance <sup>2</sup>
Basic Vehicle	2 Years	Unlimited
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	5 Years	Unlimited
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	Unlimited
Diesel Emission 2010 <sup>3</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	5 Years	Unlimited
GHG14 <sup>4</sup> (Light Heavy Duty Trucks)	5 Years	50,000 mi/80 500 km
GHG14 <sup>4</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>4</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>4</sup> Tire	2 Years	24,000 mi/38 400 km
Hybrid Transmission – Eaton <sup>5</sup>	3 Years	150,000 mi/240 000 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>6</sup>	2 Years	Unlimited
Rear Axle	2 Years	Unlimited
Transfer Case	2 Years	Unlimited
Transmission <sup>5</sup>	2 Years	Unlimited
Detroit Front Axle <sup>6</sup> (File Direct)		
Post-Model Year 2011 <sup>7</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>8</sup>	4 Years	Unlimited
Detroit Rear Axle (File Direct)		
Post-Model Year 2011 <sup>7</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>8</sup>	4 Years	Unlimited
Detroit DT-12 Transmission <sup>5,9</sup> (File Direct)	5 Years	750,000 mi/1 200 000 km

<sup>1</sup>Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.

<sup>2</sup>Time or distance, whichever comes first

<sup>3</sup>Applies to vehicles equipped with EPA 2010 compliant diesel engines.

<sup>4</sup>Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as GHG14...".

<sup>5</sup>Customers will have only one (1) type of transmission coverage, depending on how the vehicle is spec'd.

<sup>6</sup>Front axle coverage is also applicable to gliders.

<sup>7</sup>Medium Duty – General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

<sup>8</sup>Medium Duty – General Service Plus: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

<sup>9</sup>Detroit Transmission: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

**Warranty Statement & Warranty Coverage Descriptions follow on page two of this document.**

*The information provided in this document is for general information only and is not offered as customer's warranty.*

*This coverage may be superseded without notification.*

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Prepared for:  
 City Clerk  
 Humphreys County  
 148 Castleman St  
 Belzoni, MS 39038  
 Phone: 662-247-3065

Prepared by:  
 Jacob Vickers  
 EMPIRE TRUCK SALES LLC  
 RICHLAND  
 373 HIGHWAY 49 SOUTH  
 RICHLAND JACKSON, MS 39218  
 Phone: 601-939-5000

## Q U O T A T I O N

### M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK CUM L9 330 HP @ 2200 RPM; 2200 GOV RPM, 1000 LB-FT @ 1200 RPM ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION RS-30-185 30,000# U-SERIES SINGLE REAR AXLE 30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD	DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE 16,000# FLAT LEAF FRONT SUSPENSION 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB 5450MM (215 INCH) WHEELBASE 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI 1600MM (63 INCH) REAR FRAME OVERHANG
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		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 90,306	\$ 90,306
EXTENDED WARRANTY	\$	0	\$ 0
DEALER INSTALLED OPTIONS	\$	0	\$ 0
<b>CUSTOMER PRICE BEFORE TAX</b>	<b>\$</b>	<b>90,306</b>	<b>\$ 90,306</b>

### TAXES AND FEES

FEDERAL EXCISE TAX (FET)	\$	(369)	\$ (369)
TAXES AND FEES	\$	0	\$ 0
OTHER CHARGES	\$	0	\$ 0

### TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$ (0)
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<b>BALANCE DUE</b>		<b>(LOCAL CURRENCY) \$</b>	<b>89,937</b>
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### COMMENTS:

Projected delivery on \_\_\_ / \_\_\_ / \_\_\_ provided the order is received before \_\_\_ / \_\_\_ / \_\_\_.

### APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_.



**Prepared for:**  
City Clerk  
Humphreys County  
148 Castleman St  
Belzoni, MS 39038  
Phone: 662-247-3065

**Prepared by:**  
Jacob Vickers  
EMPIRE TRUCK SALES LLC  
RICHLAND  
373 HIGHWAY 49 SOUTH  
RICHLAND JACKSON, MS 39218  
Phone: 601-939-5000

## QUOTATION DETAILS

### FEDERAL EXCISE TAX

TAX BEFORE CREDITS	\$	.00	\$	.00
CREDITS	\$	(368.58)	\$	(368.58)

**Daimler Truck Financial**

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at [Information@dtoffers.com](mailto:Information@dtoffers.com).

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at [www.daimler-truckfinancial.com](http://www.daimler-truckfinancial.com).





POST OFFICE BOX 349  
 160 COMMERCE DRIVE  
 BAY SPRINGS, MS 39422  
 PHONE: 601-764-4121

**QUOTE**

**Quote Number:** MIS-001

**Quote to:** Jacob Vickers  
 Empire Truck

**Prepared by:** Brittney McCraw

**Date:** 10/28/2021

**Expires:** 11/27/2021

**Reference:** Humphreys County, MS

**Sales Person:** Manuel Shows

**Contact Info:** 601-764-7050

Pricing below does not include Delivery or FET

**Description**

1 RLX20 20 Cubic Yard Rear Loader

**Standard Features**

- Emergency stop on curb side
- Driver alert buttons on both sides
- Hot Shift PTO
- Standard Controls
- Paint: White
- LED Lighting
- Dual Amber Oval LED Strobe, Rear

**Standard Options**

- STD Hopper Work Lights
- 7" Rear View Camera

**Strobe(s) Options**

- Dual Amber Oval Strobes - Front
- Peterson Smart Lights
- Steel Surcharge

**2 Chassis Customer Supplied:** HMC engineering must review/approve chassis specs prior to chassis being ordered.

- Chassis Requirements:*
- 148" to 152" CA w/Clear BOC
- 43,000 LB GVWR (minimum)
- 12,000 LB Front
- 31,000 LB Rear
- 40" After Frame

**3 Delivery Charge** Delivery Charge - unit shipping and freight charges (if needed) to be determined. HMC can arrange for drive-away service.

**4 Additional Charges** Items not listed on the quote shall not be provided by Pac-Mac. Any chassis modifications stated in the bid (regardless of the location of the modification statement within the bid package), i.e. exhaust pipe extension, bumper modifications, etc., are the responsibility of the chassis dealer unless otherwise addressed in writing by Pac-Mac in the dealer's quote. The modifications are the responsibility of the provider and should be addressed directly with that company for completion and costing.

**5 Lighting** All body lighting complies with FMVSS section #108 of the regulations. An extra set of stop, tail and turn lights shall be provided above the hopper opening. A tailgate warning alarm and dash mounted light shall be incorporated and activated when the tailgate is open.

**6 Warranty** Pac-Mac standard warranty includes the following:  
 Major Structural Component Parts - 1 year  
 Non-Hydraulic Replacement Parts - 1 year

**7 Order Acceptance** To accept this quote as an order, please sign and date below and return this quote along with



POST OFFICE BOX 349  
160 COMMERCE DRIVE  
BAY SPRINGS, MS 39422  
PHONE: 601-764-4121

**QUOTE**

Quote Number: MIS-001

Date: 10/28/2021  
Expires: 11/27/2021  
Reference: Humphreys County, MS  
Sales Person: Manuel Shows  
Contact Info: 601-764-7050

Quote to: Jacob Vickers  
Empire Truck

Prepared by: Brittney McCraw

Pricing below does not include Delivery or FET

**Description**

a PO. Quote price is per unit. Thank you for choosing Hol-Mac Corporation.

DELIVERY: FOB Bay Springs, MS  
DELIVERY TERMS: 75-150 ARC and ARO  
\*lead time starts when Hol-Mac receives both PO and chassis at our facility  
PAYMENT TERMS: Net 30 Days

By signing below, the customer agrees to the terms and conditions that are provided with this quote/order.

PO# \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_

**Total**  
\$80,844.00