



Prepared by:
 EASTGATE TRUCK CENTRE
 1831 BARTON STREET EAST
 HAMILTON, ON L8H2Y7
 Phone: 905-578-2000

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
➤ Vehicle Configuration		
➤ WESTERN STAR 4900SA CHASSIS	8,610	6,620
➤ 2010 MODEL YEAR SPECIFIED		
➤ SET BACK AXLE - TRUCK	-10	
➤ General Service		
➤ TRUCK CONFIGURATION		
➤ DOMICILED, CANADA (OTHER THAN QUEBEC)		
➤ CONSTRUCTION SERVICE		
➤ 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		
➤ WESTERN STAR LEVEL II WARRANTY		
➤ EXPECTED FRONT AXLE(S) LOAD : 40000.0 lbs		
➤ EXPECTED REAR DRIVE AXLE(S) LOAD : 42000.0 lbs		
➤ EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 82000.0 lbs		
➤ Truck Service		
➤ MIXER BODY		
➤ Engine		
➤ MBE4000-370 12.8L 370 HP @ 1900 RPM, 2000 GOV RPM, 1450 LB/FT @ 1100 RPM	-420	-50
➤ Electronic Parameters		
➤ MIN CRUISE CONTROL MPH : 30.0		
➤ ROAD SPEED LIMIT MPH : 65.0		
➤ PTO FUNCTION - ENABLE		
➤ PTO RPM W/CRSCTL SET SW OR CAT ON/OFF SW : 1000.0		
➤ PTO RPM INCREMENT : 25.0		
➤ MAX RPM FOR PTO : 1600.0		
➤ ENABLE ENGINE BRAKE ON CRUISE - Y		
➤ Engine Equipment		
➤ 2007 EPA/CARB EMISSION CERTIFICATION		
➤ DUAL AIR INTAKE THROUGH LH AND RH SIDES WITH DONALDSON AIR CLEANER, FIREWALL MOUNTED	40	
➤ DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR		

twin steer mixer





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Description	Weight Front	Weight Rear
➤ (3) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 2775 CCA THREADED STUD BATTERIES	55	20
➤ PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB	-60	-20
➤ BATTERY BOX MOUNTED UNDER PASSENGER SEAT		
➤ WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
➤ POSITIVE AND NEGATIVE POSTS FOR JUMPSTART CHASSIS MOUNTED LH BACK OF CAB	4	
➤ ZF-SACHS LITE PEDAL 15-1/2 INCH DAMPENED CERAMIC 2 PLATE CLUTCH		
➤ TORQUE LIMITING CLUTCH BRAKE		
➤ ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE BEARING		
➤ WABCO 15.5 CFM AIR COMPRESSOR		
➤ ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
➤ MERCEDES BENZ STANDARD COMPRESSION/TURBO BRAKE WITH (1) ON/OFF AND (1) LOW/MEDIUM/HIGH BRAKING SWITCH		
➤ RH OUTBOARD FRAME MOUNTED VERTICAL AFTERTREATMENT DEVICE WITH TOPSTACK	25	20
➤ ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBITIT SWITCH		
➤ 12 FOOT 00 INCH (144 INCH+0/-5 INCH) EXHAUST SYSTEM HEIGHT		
➤ RH CURVED TOPSTACK		
➤ STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
➤ HORTON DRIVEMASTER ON/OFF FAN DRIVE		
➤ 1375 SQUARE INCH ALUMINUM RADIATOR	-20	
➤ ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT		
➤ GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
➤ CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
➤ 1350 ADAPTER FLANGE FOR FRONT PTO PROVISION	20	
➤ PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4	
➤ CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
➤ DELCO 12V 39MT HD STARTER		
➤ Transmission		
➤ EATON FULLER RTO-14909ALL TRANSMISSION	70	20
➤ Transmission Equipment		
➤ SYNTHETIC SAE 50W TRANSMISSION LUBE		

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Description	Weight Front	Weight Rear
➤ Front Axle and Equipment		
➤ FL-941 40,000# FL1 TANDEM FRONT AXLES	3,700	
➤ MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	100	
➤ FRONT BRAKE DUST SHIELDS	10	
➤ MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
➤ SHEPPARD M110 POWER STEERING WITH SHEPPARD M110 AUXILIARY GEAR LH AND DUAL TRW RH RAMS		
➤ 6 QUART POWER STEERING RESERVOIR	-30	
➤ OIL/AIR POWER STEERING COOLER		
➤ Front Suspension		
➤ 11,500# LEFT, 10,500# RIGHT MIXER/PLOW FLAT LEAF FRONT TANDEM SUSP (40,000#)	-500	
➤ Rear Axle and Equipment		
➤ RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE		450
➤ 4.30 REAR AXLE RATIO		
➤ 1810HD DANA SPICER MAIN DRIVELINE WITH FULL ROUND YOKES	80	80
➤ 1710HD DANA SPICER INTERAXLE DRIVELINE WITH FULL ROUND YOKES		
➤ DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		40
➤ INTERAXLE LOCK WITH DCDL BOTH REAR AXLES WITH CONTROL VALVE AND INDICATOR LIGHT FOR EACH (3)		
➤ MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		100
➤ REAR BRAKE DUST SHIELDS		10
➤ CHICAGO RAWHIDE SCOTSEAL CLASSIC REAR OIL SEALS		
➤ HALDEX GOLDSEAL LONGSTROKE 30/36 2-DRIVE AXLES SPRING PARKING CHAMBERS		
➤ GUNITE AUTOMATIC REAR SLACK ADJUSTERS		
➤ Rear Suspension		
➤ CHALMERS 872 46,000# HIGH STABILITY REAR SUSPENSION WITH #29 CAN		540
➤ 72 INCH AXLE SPACING		
➤ Brake System		
➤ WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
➤ FIBER BRAID PARKING BRAKE HOSE		
➤ BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	40	
➤ PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		

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Description	Weight Front	Weight Rear
➤ Wheelbase & Frame		
➤ 6600MM (260 INCH) WHEELBASE		
➤ 3/8X3-1/2X10-3/4 INCH DOUBLE CHANNEL 120KSI STEEL FRAME (3/8 INCH OUTER AND 1/4 INCH INNER)	2,190	-700
➤ 2550MM (100 INCH) REAR FRAME OVERHANG		
➤ 24 INCH INTEGRAL FRONT FRAME EXTENSION	150	-10
➤ HEAVY DUTY FRONT CLOSING CROSSMEMBER	20	
➤ EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION BACK OF TRANSMISSION CROSSMEMBER	20	
➤ EXTRA HEAVY DUTY TUBULAR STEEL MIDSHIP #1 CROSSMEMBER	15	15
➤ HEAVY DUTY HUMPED TUBULAR REAR SUSPENSION FORWARD CROSSMEMBER		10
➤ TUBULAR REAR SUSPENSION CROSSMEMBER		
➤ Chassis Equipment		
➤ 14 INCH TAPERED SWEPTBACK PAINTED STEEL BUMPER WITH CHIP GUARD		
➤ NON REMOVABLE CENTERED FRONT TOW PIN FOR HIGHWAY OR CONSTRUCTION BUMPER	30	
➤ FENDER MOUNTED FRONT MUDFLAPS		
➤ Fuel Tanks		
➤ 100 GALLON/378 LITER ALUMINUM FUEL TANK - RH		
➤ NO LH FUEL TANK		
➤ 25 INCH DIAMETER FUEL TANK(S)		
➤ RH ADDITIONAL STEEL FUEL TANK BRACKET(S) WITH SEVERE SERVICE STRAPS	50	50
➤ PLAIN ALUMINUM FUEL TANK(S) WITH PAINTED BANDS		
➤ ALLIANCE FUEL FILTER/WATER SEPARATOR	15	
➤ Tires		
➤ CONTINENTAL HTC 425/65R22.5 20 PLY RADIAL FRONT TIRES	316	
➤ CONTINENTAL HDL 11R22.5 16 PLY RADIAL REAR TIRES		96
➤ Wheels		
➤ ACCURIDE 29376A 22.5X13.00 10-HUB PILOT 5.25 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-20	
➤ ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		64
➤ Cab Exterior		
➤ 109 INCH BBC STEEL CONVENTIONAL CAB	70	-90
➤ WESTERN STAR STAINLESS STEEL CAB SKIRT		
➤ AIR CAB MOUNTS WITH RAISED CAB	30	

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Description	Weight Front	Weight Rear
➤ NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
➤ 102" OAW BARE ALUMINUM FRONT FENDERS	270	
➤ 2-3/4" FENDER EXTENSIONS	10	
➤ LH AND RH EXTERIOR GRAB HANDLES AND RH INTERIOR GRAB HANDLE MOUNTED TO 'A' POST		
➤ STAINLESS STEEL RADIATOR SHELL/HOOD BEZEL WITH STYLIZED TILT HOOD HANDLE		
➤ RADIATOR MOUNTED GRILLE		
➤ GALVANIZED STEEL SEVERE SERVICE CAB	50	
➤ SUPER VISIBILITY HOOD WITH CAB MOUNTED QUARTER FENDERS		
➤ HEAVY DUTY HOOD MOUNTING		
➤ SINGLE HADLEY SD-978 26 INCH RECTANGULAR AIR HORN		
➤ SINGLE ELECTRIC HORN		
➤ SINGLE HORN SHIELD		
➤ DUAL RECTANGULAR HALOGEN HEADLIGHTS		
➤ (5) AMBER MARKER LIGHTS		
➤ DAYTIME RUNNING LIGHTS		
➤ FLUSH MOUNTED STOP/TAIL/BACKUP LIGHTS MOUNTED BELOW REAR MOST CROSSMEMBER		
➤ SQUARE CHROME FRONT TURN SIGNALS FENDER MOUNTED		
➤ DUAL STAINLESS STEEL HEATED MIRRORS		
➤ 102 INCH EQUIPMENT WIDTH		
➤ LH AND RH 8" STAINLESS STEEL CONVEX MIRRORS MOUNTED BELOW PRIMARY MIRRORS		
➤ RH DOWN VIEW MIRROR		
➤ RH AND LH SURE PLUS 8" BRIGHT FINISH FENDER MOUNTED CONVEX MIRRORS WITH BRACKETS	8	
➤ FIBERGLASS EXTERIOR SUN VISOR	12	
➤ TINTED DOOR GLASS		
➤ RH ELECTRIC AND LH MANUAL WINDOWS	2	
➤ LOWER RH DOOR WINDOW WITH FRESNEL LENS		
➤ 1.5 GALLON WINDSHIELD WASHER RESERVOIR MOUNTED UNDER CAB WITH REMOTE FILL		

➤ **Cab Interior**

- DAKOTA GRAY EXPANDED VINYL CAB INTERIOR
- ABS UPPER AND CARPET LOWER LH/RH DOOR TRIM
- BLACK MATS WITH SINGLE INSULATION
- DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE
- FORWARD ROOF MOUNTED CONSOLE

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Description	Weight Front	Weight Rear
➤ PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
➤ 14"X7.75" DOCUMENT POUCH MOUNTED ON BACK WALL BETWEEN SEATS		
➤ LH DOOR POUCH		
➤ (1) CUP HOLDER MOUNTED IN BOTTOM CENTER OF DASH		
➤ 2-1/2 LB. FIRE EXTINGUISHER MOUNTED OUTBOARD OF DRIVER SEAT	5	
➤ HEATER, DEFROSTER AND AIR CONDITIONER		
➤ HVAC DUCTING WITH MAIN FRESH AIR FILTER		
➤ STANDARD PLUMBING WITH SHUTOFF VALVES		
➤ CAB INSULATION		
➤ AUTOMATIC SELF-RESET CIRCUIT BREAKERS		
➤ DOOR ACTIVATED CENTER DOME LIGHT WITH LIGHT MOUNTED SWITCH		
➤ TRIANGULAR REFLECTORS WITHOUT FLARES	10	
➤ NATIONAL 2000 SERIES HIGH BACK AIR SUSPENSION DRIVER SEAT WITH ACTIVE AIR LUMBAR SUPPORT	10	
➤ NATIONAL 2 MAN TOOL/BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT	35	10
➤ MORDURA CLOTH DRIVER/ PASSENGER SEAT		
➤ 3 POINT DRIVER AND PASSENGER AND 2 POINT CENTER FRONT SEAT BELT RETRACTORS		
➤ FIXED STEERING COLUMN		
➤ 2-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL(S)		
➤ DRIVER AND PASSENGER INTERIOR SUN VISORS		

➤ **Instruments & Controls**

➤ WESTERN STAR "STAR GAUGE" PACKAGE		
➤ STAR GAUGES WITH BLACK BEZELS		
➤ ROYAL ROSEWOOD DRIVER INSTRUMENT PANEL		
➤ 2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
➤ INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
➤ 97 DB BACKUP ALARM		2
➤ CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
➤ 2 INCH ELECTRIC FUEL GAUGE		
➤ ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
➤ ELECTRIC ENGINE OIL PRESSURE GAUGE		
➤ AM/FM/WB/CD/MP3 PREMIUM RADIO	10	
➤ (4) RADIO SPEAKERS IN CAB		
➤ POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		

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Description	Weight Front	Weight Rear
➤ MULTI-BAND AM/FM/WB/CB RH MIRROR MOUNTED ANTENNA SYSTEM		
➤ ELECTRONIC KPH SPEEDOMETER WITH SECONDARY MPH SCALE, WITH ODOMETER		
➤ ELECTRONIC 3000 RPM TACHOMETER WITH HOUR METER		
➤ TWO EXTRA SWITCHES IN DASH		
➤ REAR SPRING LOADED HAND CONTROL BRAKE VALVE	2	
➤ 2 INCH VOLTMETER		
➤ SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
➤ CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH		
➤ ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
➤ VSM NON CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITHOUT BRAKE OVERRIDE		
➤ PACIFIC INSIGHT ELECTRONIC FLASHER		
➤ ENGLISH MAINTENANCE, ENGINE AND DEALER DIRECTORY IN EACH TRUCK		

➤ **Color**

- CAB COLOR A: HST907234 WHITE PPG SINGLE STG
- BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
- VENDOR WHITE REAR WHEELS/RIMS
- BUMPER PAINT: HST907234 WHITE PPG SINGLE STG

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 [†]	14968 LBS	7217 LBS	22185 LBS

Dealer Installed Options

LONDON STANDARD MIXER 9 m3

DRUM: 1/4" spun drumhead; 48" inside reinforcing plate; 1/4" LONDOX 220 wear resistant (high manganese, low carbon) steel drum shell welded 100% inside and out; 1/4" LONDOX 220 blades with hard surfaced lips; solid wire welded seams; solid steel drum track machined inside taper and out square; 43" discharge opening; auxiliary surge fins; 16" X 22.5" bolt on oval inspection hatch.

FRONT PEDESTAL: Fully enclosed Cor Ten "A" front pedestal incorporating a 15 gallon easy clean hydraulic oil reservoir. Flared lower front and rear flanges to distribute load.

REAR PEDESTAL: Easy to clean enclosed rear pedestal with service access to the drum rolls and standard "Knee brace". Pedestals constructed of CorTen "A" corrosion resistant steel. Fully welded swivel support integrated through pedestal frame.

TRANSMISSION: Model ZF PK7500 right angle/planetary direct drive; 138.6:1 reduction; 53,104 ft.lb. output torque capacity. Mounted to machined drum flange by 24 grade 8 bolts and to machined pedestal deck pads by 6 grade 8 bolts.

HYDROSTATIC: Eaton heavy duty 5.4 cubic inch variable displacement piston pump with built in 5500 psi relief valve; Eaton heavy duty 4.6 cubic inch displacement motor; speed and direction of the drum rotation controlled from the cab and on the rear pendant; 10 micron suction filter; heavy

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duty front mounted oil cooler with guard.

WATER SYSTEM: 150 gallon, side mounted water tank; three position fill, dump and hold valve; high pressure relief valve; pressure regulating valve; off set sight gage; 4" diameter spring loaded flapper valve; 1" rear water injection line; 25 foot wash down hose with pistol grip spray nozzle. Blow out and drain provision for winter operation.

DRUM ROLLERS: CM1035 alloy steel drum roller; tapered roller bearings; double sealed; centre shaft lubrication; roller surfaced hardened to Rockwell C46. Full width rear drum roll guard.

CHARGE HOPPER: 38" X 30" top opening; 19" minimum throat dimension.

REAR LADDER: Non skid ladder rungs and platform base; fold down ladder extension; ladder rungs align for safety when folded. Double guard rail on extra large top platform.

CONTROLS: Electro-hydraulic mix-discharge control in cab and at rear of mixer on 20' quick disconnect cable; air operated truck engine throttle at rear of mixer (switch for electronic engines); chute raise and lower hydraulic control valve at rear of mixer.

CHUTES: Paving type main chute with safety hand grabs and hinged fold over with lock; two 48" extension chutes for 16 feet total length; positive seven position pin lock with 7/8" replaceable hole plate.

CHUTE HOIST: 2 1/2" double acting hydraulic cylinder, 3000 p.s.i. rated; A-pad gear pump mounted on the Eaton hydrostatic pump; manual control valve located at the rear of mixer with integral relief and flow regulating valve.

FENDERS: 14ga. heavy duty roll formed fenders with stainless steel hardware and rubber washers; full tandem length with powder coated Cor Ten "A" centre and end supports. Mud flaps front and rear.

LIGHTS: Trucklite brand clearance, marker and identification lamps with integral reflectors in accordance with FMVSS. Trucklite sealed junction box and armour shielded wiring harness. Midship light is combination clearance/ signal.

PAINTING: Mixer and components shot blasted prior to prime painting. All components painted prior to assembly. Top coat one color Sherwin Williams GENESIS. Tie down angles, fender mounting brackets and water tank cradles are powder coated black. Water tank straps are black plastic dipped.

SAFETY: Full complement of bilingual safety decals. Back up alarm supplied.

Please note standard features include:

- Engine driven chute lifter
- "Delta" remote drum controls
- Rear pedestal "Knee" brace
- Double acting chute cylinder
- Intermediate signal/clearance lights
- Water hose on upper work platform
- Remote grease fittings for drum rolls

OPTIONS INCLUDED

- Electro-hyd chute lifter
- Air chute lock
- Dual tail lights
- 3 rd extra extension chute
- 1/4" drum and lips
- 2 hatch door
- Wireless radio remote
- Rear deck cover
- Large rear fender step

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

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