

Prepared for:
Edwin Garcia
CITY OF DEER PARK
710 E SAN AUGUSTINE ST
DEER PARK, TX 77536
Phone: 281-478-7213



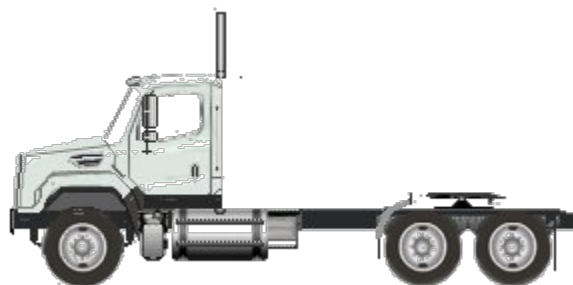
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Adam Neuse
Houston Freightliner
9550 North Loop East
Houston, TX 77029
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A proposal for
CITY OF DEER PARK

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Houston Freightliner
Adam Neuse

Nov 17, 2021

Freightliner 114SD Transfer Tractor



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

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

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-26D	SD PRL-26D (EFF:7/26/21)		
Data Version			
DRL-024	SPECPRO21 DATA RELEASE VER 024		
Interior Convenience/Driver Retention Package			
055-002	INTERIOR CONVENIENCE PACKAGE		
Vehicle Configuration			
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,476
004-223	2023 MODEL YEAR SPECIFIED		
002-002	SET BACK AXLE - TRACTOR	500	-480
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-001	TRACTOR/TRAILER CONFIGURATION		
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-011	CONSTRUCTION SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-013	MOIST BULK COMMODITY		
AA5-006	TERRAIN/DUTY: 10% (SOME) OF THE TIME, IN TRANSIT, IS SPENT ON NON-PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-003	MAINTAINED GRAVEL OR CRUSHED ROCK - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1AE	FREIGHTLINER LEVEL II WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 13300.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 53300.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 70000.0 lbs		

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Truck Service			
AF3-2CR	TRACTOR ONLY WITH NO BODY UPFIT		
Tractor Service			
AA2-023	FRAMED END DUMP (NON-TRANSFER) TRAILER		
AH6-001	SINGLE (1) TRAILER		
Engine			
101-26W	CUM X12 475V HP @ 1900 RPM, 1700 LB-FT @ 1000 RPM, 2000 GOV RPM, VOC	-390	-45
Electronic Parameters			
79A-070	70 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79K-011	PTO MODE ENGINE RPM LIMIT - 1400 RPM		
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
79P-004	PTO RPM WITH CRUISE SET SWITCH - 900 RPM		
79Q-009	PTO RPM WITH CRUISE RESUME SWITCH - 1200 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY		
80C-001	ENGINE BRAKE WITH CRUISE CONTROL ENABLED AT 2 MPH ABOVE SET SPEED, 2 MPH INCREMENT BETWEEN BRAKING LEVELS		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
99C-021	2010 EPA/CARB/GHG21 CONFIGURATION		
99D-010	NO 2008 CARB EMISSION CERTIFICATION		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED		
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		

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292-236	(3) DTNA GENUINE, FLOODED STARTING, MIN 3000CCA, 555RC, THREADED STUD BATTERIES		
290-1CD	BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL	15	
281-001	STANDARD BATTERY JUMPERS		
282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
87P-001	CAB AUXILIARY POWER CABLE	5	
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	10	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-048	CUMMINS NATURALLY ASPIRATED 25.9 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-004	CUMMINS INTEBRAKE BRAKE WITH HIGH MED LOW BRAKE		
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
28F-007	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH		
239-026	10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
23Z-002	NON-POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST FLUID TANK COVER	15	5
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		

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242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD(S)		
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-001	STEEL OIL PAN GUARD	80	
155-055	DELCO 12V 39MT HD/OCF STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45	

Transmission

342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100
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Transmission Equipment

343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-013	S1 PERFORMANCE PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84F-012	S1 PERFORMANCE SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84G-011	1950 RPM PRIMARY MODE SHIFT SPEED

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84H-011	1950 RPM SECONDARY MODE SHIFT SPEED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

400-097	MFS-13-143A 13,300# FF1 71.5 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE	60
402-050	MERITOR 16.5X5 Q+ CAST SPIDER HEAVY DUTY CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	
403-043	2011/2013-FMVSS 121 RSD FRONT BRAKE LINING	
419-001	CAST IRON OUTBOARD FRONT BRAKE DRUMS	
427-001	FRONT BRAKE DUST SHIELDS	5
409-006	FRONT OIL SEALS	
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL	
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES	
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS	
406-001	STANDARD KING PIN BUSHINGS	
536-050	TRW THP-60 POWER STEERING	
539-003	POWER STEERING PUMP	
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR	
40T-001	MINERAL SAE 80/90 FRONT AXLE LUBE	

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Front Suspension			
620-1D8	13,300# TAPERLEAF FRONT SUSPENSION	75	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
62G-998	NO FRONT SUSPENSION OPTIONS		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-074	RT-40-160 40,000# R-SERIES TANDEM REAR AXLE		370
421-456	4.56 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-10	-10
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30
878-023	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE		
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF		
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-043	2011/2013-FMVSS 121 RSD REAR BRAKE LININGS		
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS		
451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS		20
425-002	REAR BRAKE DUST SHIELDS		10
440-006	REAR OIL SEALS		
426-101	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
42T-001	STANDARD REAR AXLE BREATHER(S)		

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Rear Suspension			
622-219	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION WITH CHAIN CLEARANCE		100
621-007	AIRLINER HIGH POSITION RIDE HEIGHT		
431-005	RESTRAINED AXLE SEATS IN AXLE CLAMP GROUP		
624-025	55 INCH AXLE SPACING		
888-048	MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE		
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH		
910-004	DUAL AIR REAR SUSPENSION LEVELING VALVES		
623-002	TRANSVERSE CONTROL RODS		
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)		
Brake System			
490-101	WABCO 4S/4M ABS WITH TRACTION CONTROL, WITH ATC OFF-ROAD SWITCH		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
481-071	12 FOOT COILED TRAILER AIR HOSE WITH 12 INCH TRACTOR, 12 INCH TRAILER LEADS	12	
476-002	36 INCH STAINLESS STEEL SLIDE BAR WITH SPRING TYPE AIR HOSE HANGER	2	
484-006	COMBINATION DUMMY GLAD HANDS AND LIGHT PLUG HOLDER		

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296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
297-005	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE FRAME MOUNTED AFT CAB		
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
310-081	12 FOOT DETACHABLE COILED PRIMARY TRAILER ELECTRICAL CABLE WITH SAE J560 CONNECTOR WITH 12 INCH TRACTOR, 12 INCH TRAILER LEADS	12	

Wheelbase & Frame

545-510	5100MM (201 INCH) WHEELBASE		
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	300	-30
552-003	1400MM (55 INCH) REAR FRAME OVERHANG		
55W-005	FRAME OVERHANG RANGE: 51 INCH TO 60 INCH	10	-40
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 135.24 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 131.04 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 286.01 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 35.35 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 159.17 in		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 95.43 in		
553-002	FLANGED TAPERED END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-020	INVERTED U TRACTOR CROSSMEMBER		10
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		30

Chassis Equipment

674-001	LH BACK OF CAB ACCESS	5	5
592-054	21 INCH (525MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS	10	5
556-1E6	14 INCH CHROMED STEEL BUMPER		
558-070	REMOVABLE FRONT TOW/RECOVERY DEVICE,STORED ON CHASSIS FRAME	15	
585-005	BETTS B-84 PAINTED COILED SPRING HEAVY DUTY MUDFLAP BRACKETS		25

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590-001	BLACK MUDFLAPS		15
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
583-058	PLASTIC QUARTER FENDERS WITHOUT LOGO		30
Fifth Wheel			
578-1CG	JOST JSK37 SERIES 24.0 INCH AIR SLIDE FIFTH WHEEL - 2 INCH SLIDE INCREMENTS	30	510
577-305	FIFTH WHEEL 305MM (12.0 INCHES) AHEAD OF SUSPENSION CENTERLINE		
582-013	171MM (6.75 INCH) FIFTH WHEEL HEIGHT		
570-001	STEEL OUTBOARD ANGLE - FIFTH WHEEL MOUNTING		
890-001	DASH MOUNTED CONTROL AND PLUMBING FOR FIFTH WHEEL		
579-005	LH FIFTH WHEEL RELEASE		
581-011	FIFTH WHEEL RAMPS		40
Fuel Tanks			
204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	10	
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-075	ALLIANCE FUEL FILTER/WATER SEPARATOR	15	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-1RJ	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
094-13T	MICHELIN X WORKS D 11R22.5 16 PLY RADIAL REAR TIRES		248
Hubs			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			

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502-356	ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS	-28	
505-736	ACCURIDE 43644 ACCU-LITE 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-256
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
495-998	NO PUSHER/TAG WHEEL MOUNTING NUTS		
Cab Exterior			
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-055	AIR OVER SHOCK CAB MOUNTS, DUAL MOUNT	20	10
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-004	FRONT FENDERS SET-BACK AXLE		
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10	
678-001	LH AND RH GRAB HANDLES		
645-002	BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL		
646-042	STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
690-016	CAB FLOOR, TOE BOARD AND FIREWALL HEAT SHIELD	5	
727-066	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	4	
726-002	DUAL ELECTRIC HORNS		
728-002	DUAL HORN SHIELDS		
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
78G-002	KEY QUANTITY OF 2		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-067	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS		
302-047	LED AERODYNAMIC MARKER LIGHTS		
311-012	DAYTIME RUNNING LIGHTS - LOW BEAM ONLY		
294-042	FREIGHTLINER LED FLANGE MOUNTED STOP/TAIL/TURN LIGHTS WITH SEPARATE INCANDESCENT BACKUP LIGHTS		5
300-015	STANDARD FRONT TURN SIGNAL LAMPS		

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318-003	(1) FLUSH UTILITY LIGHT MOUNTED LH BACK OF CAB/SLEEPER	3	
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
729-001	STANDARD SIDE/REAR REFLECTORS		
73A-002	REAR REFLECTIVE DEVICE		
677-054	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH PLAIN DIAMOND PLATE COVER		
764-010	COMPOSITE EXTERIOR SUN VISOR	10	
768-043	63X14 INCH TINTED REAR WINDOW		
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS		
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4	
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD		
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		

Cab Interior

707-1AK	OPAL GRAY VINYL INTERIOR		
706-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
708-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER		
691-014	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS AND ADDITIONAL CENTER COMPARTMENT WITHOUT NETTING		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-007	GRAY/CHARCOAL WING DASH		
860-004	SMART SWITCH EXPANSION MODULE		
720-003	5 LB. FIRE EXTINGUISHER	10	
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		

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CITY OF DEER PARK
710 E SAN AUGUSTINE ST
DEER PARK, TX 77536
Phone: 281-478-7213



Prepared by:
Adam Neuse
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9550 North Loop East
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Phone:

Data Code	Description	Weight Front	Weight Rear
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-034	PREMIUM INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-101	(1) 12V POWER SUPPLY (1) DUAL 2.1 AMP USB CHARGER IN DASH		
756-339	PREMIUM ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH 2 AIR LUMBAR, INTEGRATED CUSHION EXTENSION, TILT AND ADJUSTABLE SHOCK	70	
760-1DC	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
759-006	DUAL DRIVER SEAT ARMRESTS AND INBOARD PASSENGER SEAT ARMREST	6	
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-102	HIGH VISIBILITY ORANGE SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

Instruments & Controls

732-003	WOODGRAIN DRIVER INSTRUMENT PANEL
734-003	WOODGRAIN CENTER INSTRUMENT PANEL
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK
870-001	BLACK GAUGE BEZELS
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM

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840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
721-025	97 DB BACKUP ALARM MOUNTED INBOARD OF RAIL		3
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-073	ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE		
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB		
866-009	DUAL REAR AXLE TEMPERATURE GAUGES WITH SENSOR SHIELD		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-043	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP - PARK BRAKE AND NEUTRAL INTERLOCK	10	
49B-004	ELECTRONIC STABILITY CONTROL		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
679-998	NO OVERHEAD INSTRUMENT PANEL		
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
74D-002	RADIO WIRING WITH POWER CUTOFF WHEN VEHICLE IN REVERSE GEAR		

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810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR	-5	
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

Design

065-000 PAINT: ONE SOLID COLOR

Color

980-5F6 CAB COLOR A: L0006EY WHITE ELITE EY
986-020 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
976-995 SUNVISOR PAINTED SAME AS CAB COLOR A
963-003 STANDARD E COAT/UNDERCOATING

Certification / Compliance

996-001 U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

Raw Performance Data

AE8-99D CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 131.04 in
AM6-99D CALC'D SPACE AVAILABLE FOR DECKPLATE : 95.43 in

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

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TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	9206 lbs	7211 lbs	16417 lbs
Total Weight ⁺	9206 lbs	7211 lbs	16417 lbs

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

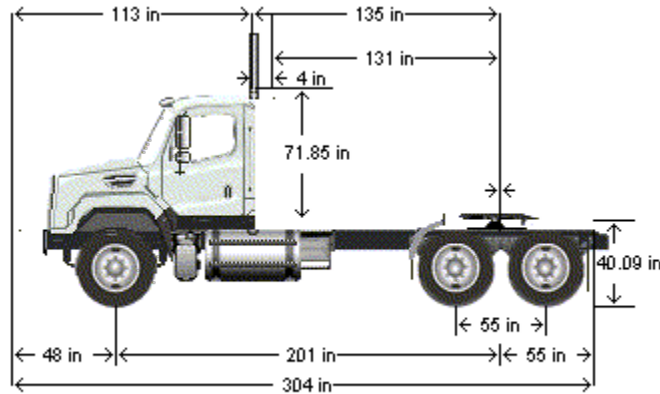
(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model 114SD
Wheelbase (545) 5100MM (201 INCH) WHEELBASE
Rear Frame Overhang (552) 1400MM (55 INCH) REAR FRAME OVERHANG
Fifth Wheel (578) JOST JSK37 SERIES 24.0 INCH AIR SLIDE FIFTH WHEEL - 2 INCH SLIDE INCREMENTS
Mounting Location (577) FIFTH WHEEL 305MM (12.0 INCHES) AHEAD OF SUSPENSION CENTERLINE
Maximum Forward Position (in) 12
Maximum Rearward Position (in) -12
Amount of Slide Travel (in) 24
Slide Increment (in) 2
Desired Slide Position (in) 0.0
Cab Size (829) 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682) NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016) RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY
WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

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TABLE SUMMARY - DIMENSIONS

Dimensions	Inches
Bumper to Back of Cab (BBC)	113.4
Bumper to Centerline of Front Axle (BA)	47.9
Back of Cab to Centerline of Rear Axle(s) (CA)	135.2
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	131.0
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	4.2
Back of Cab to End of Frame	190.3
Cab Height (CH)	71.9
Fifth Wheel to Centerline of Rear Axle(s) (FW)	0.0
Wheelbase (WB)	200.8
Frame Overhang (OH)	55.1
Overall Frame Length	286.0
Overall Length (OAL)	303.8
Rear Axle Spacing	55.0
Unladen Frame Height at Centerline of Rear Axle	40.1

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.