MONROE, NC 28110 Phone: 704-289-6488 Prepared by:
Joe Horton
EXCEL TRUCK GROUP
4633 EQUIPMENT DRIVE
CHARLOTTE, NC 28269
Phone: 704-651-9066

SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-24T	WESTERN STAR 4700 PRL-24T (EFF:01/19/21)			STD
Data Version				
DRL-012	SPECPRO21 DATA RELEASE VER 012			N/C
Vehicle Configurat	ion			
001-451	4700 SET-BACK FRONT AXLE CHASSIS	9,215	6,480	\$192,924.00
004-222	2023 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK			STD
019-004	STRAIGHT TRUCK PROVISION, NON-TOWING			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-002	LIQUID BULK COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1A5	WESTERN STAR VOCATIONAL WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD: 20000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD: 46000.0 lbs			
A67-99D	EXPECTED PUSHER AXLE(S) LOAD: 0.0 lbs			
A69-99D	EXPECTED TAG AXLE(S) LOAD: 0.0 lbs			

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs			
Truck \$	Service				
	AA3-034	SEWER/INDUSTRIAL VACUUM BODY			N/C
	AF3-1DN	VACTOR			N/C
Engine					
	101-3BU	CUM L9 370 HP @ 2100 RPM; 2100 GOV RPM, 1250 LB-FT @ 1200 RPM	-850	-70	(\$4,724.00)
Electro	nic Paramet	ers			
	79A-070	70 MPH ROAD SPEED LIMIT			N/C
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
	79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
	79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED			N/C
	79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
	79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
	80G-002	PTO MINIMUM RPM - 700			N/C
	80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine	Equipment				
	99C-021	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG21 CONFIGURATION			N/C
	99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)			\$106.00
	13E-001	STANDARD OIL PAN			STD
	105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
	014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED			STD
	124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
	292-203	(3) DTNA GENUINE, FLOODED STARTING, MIN 2250CCA, 510RC, THREADED STUD BATTERIES	-10		(\$245.00)
	290-017	BATTERY BOX FRAME MOUNTED	35		\$63.00
	282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB			\$257.00

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291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			N/C
306-019	LOW VOLTAGE BATTERY DISCONNECT AT 12.3 VOLTS FOR ISOLATED CIRCUITS WITH LOCAL ALARM			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			N/C
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20		N/C
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-026	10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT			(\$4.00)
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			STD
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK	35	10	\$59.00
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			\$20.00
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD			STD
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE			\$365.00
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED			\$10.00
110-003	CUMMINS SPIN ON FUEL FILTER			N/C
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			N/C
120-009	FLEETGUARD PLAIN COOLANT FILTER	10		\$145.00
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20		N/C
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK			STD
103-036	ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE- CHARGED SCA HEAVY DUTY COOLANT			\$20.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			N/C
168-002	LOWER RADIATOR GUARD			STD
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4		\$3.00
166-998	NO OIL PREHEATER			(\$73.00)
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			STD
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			N/C
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-35		N/C
Transmission				
342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	-110	-35	(\$14,100.00)
Transmission Equip	oment			
343-323	ALLISON VOCATIONAL PACKAGE 172 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS			N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			STD
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-022	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 5, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD

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34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR			\$125.00
362-824	(2) CUSTOMER INSTALLED CHELSEA 280 SERIES PTO'S			N/C
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			N/C
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Eq	uipment			
400-1AC	MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE	60		\$1,866.00
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD
427-001	FRONT BRAKE DUST SHIELDS	5		\$87.00
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS			\$58.00
406-001	STANDARD KING PIN BUSHINGS			STD
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	90		N/C
539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR			N/C
533-001	OIL/AIR POWER STEERING COOLER			N/C
40T-001	MINERAL SAE 80/90 FRONT AXLE LUBE			(\$24.00)
Front Suspension				
620-006	20,000# FLAT LEAF FRONT SUSPENSION	50		\$147.00

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619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION			STD
410-001	FRONT SHOCK ABSORBERS			\$207.00
Rear Axle and Equi	ipment			
420-111	RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE		450	\$4,441.00
421-489	4.89 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	60	60	\$860.00
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES			STD
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES			STD
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH			N/C
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			\$276.00
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-001	CAM BRAKE AUXILIARY SUPPORT BRACKETS			\$55.00
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STE
425-002	REAR BRAKE DUST SHIELDS		10	\$260.00
440-006	REAR OIL SEALS			STE
426-112	WABCO TRISTOP-D LONGSTROKE 30/36 2- DRIVE AXLE SPRING PARKING CHAMBERS			\$109.00
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			\$94.00
41T-001	MINERAL SAE 80/90 REAR AXLE LUBE			(\$215.00)
Rear Suspension				
622-1CJ	HENDRICKSON RT463 @46,000# REAR SUSPENSION		730	\$2,428.00
621-015	HENDRICKSON RT/RTE - 6.00" SADDLE			N/C
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			N/C
624-009	54 INCH AXLE SPACING		10	\$239.00
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS			N/C
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				

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871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20		N/C
483-003	BENDIX OIL COALESCING FILTER FOR AIR DRYER			\$20.00
* 479-003	AIR DRYER MOUNTED INBOARD ON LH RAIL			N/C
	LOCATE PER VACTOR DRAWING 504400R REV 0			
460-001	STEEL AIR BRAKE RESERVOIRS			STD
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD			\$218.00
477-006	BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S)			\$113.00
485-045	METALLIC AIR MANIFOLD MOUNTED TO BACK OF CAB CROSSMEMBER WITH SIX 1/4 INCH FITTINGS AND 70 PSI PROTECTION VALVE			\$148.00
Wheelbase & Fr	ame			
545-660	6600MM (260 INCH) WHEELBASE			N/C
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	670	-210	\$1,236.00
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	245	426	\$1,500.00
552-038	1800MM (71 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-30	120	N/C
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	122	-10	\$1,108.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA): 196.54 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA): 193.54 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL: 400.35			
ZF1-99D	FRAME HEIGHT TOP FRONT UNLADEN: 43.55 in			
ZF2-99D	FRAME HEIGHT TOP FRONT LADEN: 40.0 in			
ZF3-99D	FRAME HEIGHT TOP REAR UNLADEN: 43.05 in			
ZF4-99D	FRAME HEIGHT TOP REAR LADEN: 40.81 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE: 95.43 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE: 222.24 in			N/C

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	AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 190.69 in			
	553-001	SQUARE END OF FRAME			STD
	559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
	561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION			STD
	562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
	572-001	STANDARD REARMOST CROSSMEMBER			STD
	565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		10	N/C
	568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER			STD
Chas	sis Equipme	nt			
	556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-110		(\$560.00)
	586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS			STD
*	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
		CUSTOM FRAME DRILL PER VACTOR DRAWING 504400	OR REV0		
	44Z-002	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE			STD
	605-1AB	D15-16004-000 CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON FRAME WEB			\$32.00
*	606-139	CUSTOM FRAME DRILL			N/C
		PER VACTOR PER DRAWING 504400R REV0			
Fuel	Tanks				
	204-156	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	20		\$342.00
	218-006	25 INCH DIAMETER FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-007	FUEL TANK(S) FORWARD			STD
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-1H7	DAVCO 245 FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR	20		N/C
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
*	221-008	FUEL COOLER MOUNTED LEFT HAND IN RAIL			\$92.00
		LOVCATE PER VACTOR DRAWING 504400R REV 0			

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Tires					
	093-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES	196		\$1,000.00
	094-1UY	MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES		120	(\$80.00)
Hubs					
	418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
	450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD
Wheels	S				
	502-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.68 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-8		\$400.00
	505-693	ALCOA LVL ONE 88267X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-224	\$944.00
	524-001	POLISHED FRONT WHEELS; OUTSIDE ONLY			\$28.00
	525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY			\$120.00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Ex	kterior				
	829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB			STD
	82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT			STD
	650-044	AIR CAB MOUNTS WITH CHECK VALVE			STD
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
	667-001	FRONT FENDERS			STD
	754-001	2 INCH FENDER EXTENSIONS	5		\$147.00
	678-034	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST			STD
	646-008	STATIONARY BRIGHT FINISH GRILLE			STD
	65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			STD
	640-008	GALVANEALED STEEL SEVERE SERVICE CAB			STD
	644-004	FIBERGLASS HOOD			STD
	67U-002	HOOD OPENING ASSIST			STD
	690-002	TUNNEL/FIREWALL LINER			\$37.00
	727-096	DUAL ROUND AIR HORNS, SINGLE BASE, MOUNTED UNDER CAB			(\$98.00)
	726-002	DUAL ELECTRIC HORNS			\$9.00

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657-1CU	ALL UNITS KEYED THE SAME WITH (3) KEYS, KEY CODE TO BE D540			\$52.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-031	SINGLE RECTANGULAR H4 HALOGEN HEADLIGHTS WITH BRIGHT BEZELS			STD
302-022	LED MARKER LAMPS			\$91.00
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE			\$396.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-1AC	LH AND RH 8 INCH STAINLESS STEEL CONVEX MIRRORS MOUNTED BELOW PRIMARY MIRRORS			STD
74A-001	RH DOWN VIEW MIRROR			STD
729-001	STANDARD SIDE/REAR REFLECTORS			STD
787-020	ELECTRIC DOOR LOCKS, MECHANICAL KEY TUMBLER			\$188.00
764-002	STAINLESS STEEL EXTERIOR SUN VISOR	28		\$314.00
768-046	17.5X35 INCH TINTED REAR WINDOW			STD
661-006	TINTED DOOR GLASS			STD
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4		\$151.00
769-002	LOWER RH DOOR WINDOW WITH FRESNEL LENS	7		\$72.00
663-002	2-PIECE ROPED-IN WINDSHIELD GASKET MOUNTED			STD
659-026	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL			STD
Cab Interior				
707-1D0	GRAY VINYL BASE INTERIOR			STD
70K-005	BLACK HARD TRIM			STD
706-049	BASE LEFT HAND DOOR TRIM			STD
708-049	BASE RIGHT HAND DOOR TRIM			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-024	ASH CUP AND (1) POWER OUTLET			\$2.00
691-001	FORWARD ROOF MOUNTED CONSOLE			STD
693-025	LH AND RH DOOR MAP POCKETS			STD
741-015	(2) COAT HOOKS ON BACKWALL OF CAB			STD
742-032	(1) DOUBLE CUP HOLDER WITH CELL PHONE HOLDER LH OR RH DASH			STD

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680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER			STD
720-003	5 LB. FIRE EXTINGUISHER	10		\$60.00
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER			STD
701-016	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER			STD
702-002	BINARY CONTROL, R-134A			STD
739-001	CAB INSULATION			STD
285-033	AUTOMATIC SELF-RESET CIRCUIT BREAKERS/FUSES IN DASH POWER DISTRIBUTION BOXES AND FUSES IN AUXILIARY POWER DISTRIBUTION BOXES			STD
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS			STD
655-005	LH AND RH ELECTRIC DOOR LOCKS			N/C
284-110	(1) 12 VOLT POWER SUPPLY AND (2) USB PORTS MOUNTED IN DASH			\$57.00
722-028	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10		\$24.00
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT			STD
760-1DD	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT	25	10	(\$216.00)
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8		\$142.00
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER			STD
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER			STD
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN			STD

Phone: 704-289-6488

EXCEL TRUCK GROUP 4633 EQUIPMENT DRIVE CHARLOTTE, NC 28269

Phone: 704-651-9066

Prepared by: Joe Horton

	Data Code	Description	Weight Front	Weight Rear	Retail Price
	540-045	4-SPOKE 18 INCH (450MM) LEATHER WRAPPED STEERING WHEEL WITH SWITCHES			STD
	765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instru	uments & Con	trols			
	185-002	NON-ADJUSTABLE SUSPENDED PEDALS			STD
	106-002	ELECTRONIC ACCELERATOR CONTROL			STD
	87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
	870-002	BRIGHT ARGENT FINISH GAUGE BEZELS			STD
	732-053	BLACK VINYL DRIVER INSTRUMENT PANEL			STD
	734-021	BLACK VINYL CENTER INSTRUMENT PANEL			STD
	486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
	840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
	198-002	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			STD
	721-001	97 DB BACKUP ALARM		3	\$88.00
	149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES			STD
	156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
	811-041	ICU4ME DRIVER MESSAGE CENTER WITH GRAPHICAL DISPLAY, BLACK FACE GAUGES, DIAGNOSTICS AND DATA LINKED			STD
	160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
	844-001	2 INCH ELECTRIC FUEL GAUGE			STD
	148-071	ENGINE REMOTE INTERFACE WITH INCREMENT/DECREMENT			\$156.00
	163-014	ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR			N/C
	856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
	864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
	867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER			STD
N	372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
	852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD

EXCEL TRUCK GROUP 4633 EQUIPMENT DRIVE CHARLOTTE, NC 28269 Phone: 704-289-6488 Phone: 704-651-9066

Weight

Weight

	Data Code	Description	Front	Rear	Retail Price
	746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10		\$490.00
	747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO			N/C
	750-004	(4) RADIO SPEAKERS IN CAB			N/C
	748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE			STD
	749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			STD
	752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM			STD
	810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER			STD
	817-001	STANDARD VEHICLE SPEED SENSOR			STD
	812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
	813-998	NO VEHICLE PERFORMANCE MONITOR	-5		N/C
	6TS-008	(2) TMC RP1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND PASSENGER SIDE REMOVABLE DASH PANEL (1) CENTER OF OVERHEAD CONSOLE			\$66.00
	162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			(\$12.00)
	836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
	304-043	CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH WITH HEADLIGHT/MARKER LIGHT INTERRUPTER SWITCHES ON STEERING WHEEL			STD
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
	299-040	MANUAL TURN SIGNAL SWITCH, HEADLAMP HIGH/LOW AND FLASH, WASH/WIPE/INTERMITTENT			STD
	298-036	PACIFIC INSIGHT ELECTRONIC FLASHER			STD
Design	ı				
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
	96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR			STD
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
Certific	cation / Com	pliance			

Prepared by: Joe Horton

Prepared for:

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

Phone: 704-289-6488

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

Data Code	Description	Weight Front	Weight Rear	Retail Price
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		11001	STD
Secondary Factory Options				
999-014	DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE			N/C
Raw Performance Data				
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA): 193.54 in			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 190.69 in			
Sales Programs				
	NO SALES PROGRAMS HAVE BEEN SELECTED			

TOTAL VEHICLE SUMMARY

Adjusted List Price

Adjusted List Price ** \$194,716.00

Weight Summary							
	Weight	Weight	Total				
	Front	Rear	Weight				
Factory Weight ⁺	9806 lbs	7890 lbs	17696 lbs				
Total Weight ⁺	9806 lbs	7890 lbs	17696 lbs				

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

Other Factory Charges

PMV-021 GHG21 ENHANCEMENT PRICE \$510.00 P73-2WS STANDARD DESTINATION CHARGE \$2,200.00

Application Version 11.5.020 Data Version PRL-24T.012 MY22 White Vactor WS SB Prepared for:

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

Phone: 704-289-6488

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

Extended Warranty

WAG-011 TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES

\$400.00

Currency Exchange Rate

1.0000 \$400.00

Total Extended Warranty (Local Currency)

- (+) Weights shown are estimates only.
 - If weight is critical, contact Customer Application Engineering.
- (**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.
- (***) 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.



If you're looking for a combination sewer cleaner or water jetter that fits your needs and exceeds your expectations, Vactor® Manufacturing has the solution. For over 40 years, Vactor has been the leader in building sewer cleaners with technological innovation, custom-configurable design and the finest quality.

Vactors ModulFlex® design offers multiple configurations to handle any cleaning application with speed, thoroughness and agility. Components on the Vactor 2100 combination sewer cleaning series such as the exclusive Vactor Jet-Rodder® water pump with jack hammer action and multi-flow functionality, aluminum water tanks and telescoping/rotating hose reel and boom deliver value and productivity.

Every Vactor is engineered for efficient, low maintenance operation, and built with the highestquality materials and workmanship for years of reliable service. In addition, Vactors worldwide factory-trained

This guidebook will give you a brief overview of Vactors sewer cleaning line. Please contact your local dealer for more detailed product and warranty information or to request a demonstration.

Your local Vactor dealer is:

1621 South Illinois Street • Streator, Illinois 61364 USA Phone: 815-672-3171 • Fax: 815-672-2779 E-mail: sales@vactor.com • www.vactor.com

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Sewer Cleaner

PRODUCT GUIDEBOOK





VACTOR SEWER TRUCKS

These specifications are meant to serve as a guide in helping you choose the vehicle that best fits your needs. Configurations with special compressor, engine, debris body, axle, water tank and water pump combinations are available. Please contact your Vactor dealer for more detailed information to use in machine bids or specifications.



The Vactor 2100i was engineered to offer a new level of ease and simplicity. With a focus on ergonomics, it brings you an array of innovations that speeds up work, reduces fatigue, and saves time, all while allowing operators to focus on the work in front of them, not the machine behind them.

New innovations and proven features come together to offer you unmatched performance, productivity and value.



Our new IntuiTouch™ control system brings operators a simpler, better, faster way to get to work and finish it.

goes further and deeper to save operators time and effort at jobsites.





2100 Fan

DESIGN Exclusive Vactor Modul-Flex® **DRIVE**

Chassis driven, direct drive

OMSI TRANSFER CASE Direct driven off of chassis

FULLY HYDRAULIC BOOM Cylinder actuated movement Wireless belly pack option

PICKUP HOSE

8 in (203 mm) diameter **DEBRIS BODY CAPACITY**

5 yd³ - 15 yd³ (3.8 m³ - 11.5 m³)

WATER TANK CAPACITY 1,000 gal - 1,500 gal (3,785 L - 5,678 L) WATER TANK CONSTRUCTION

Aluminum (10-year warranty)

WATER PUMP

Vactor Jet Rodder® Multi-Flow system

WATER DELIVERY

60 gpm - 120 gpm at 2,000 psi - 3000 psi **PUMP ACTION**

Continuous flow or Jack Hammer® **HOSE REEL**

Telescoping and rotating

800 ft x 1 in capacity (244 m x 2.5 cm) **REAR DOOR**

Flat, hydraulically opening with fail safe locks

SMART TRUCK FEATURES

E-stops at all operator stations Flow / footage meters

Smart messages

CUSTOM CONFIGURATIONS

WATER TANK CAPACITY

Up to 1,500 gal (5,678 L) **WATER DELIVERY**

Up to 120 gpm or up to 3,000 psi

HOSE REEL

Up to 1,000 ft capacity (305 m) **MULTIPLE BOOM OPTIONS**

RDB 1015

10' Extendable Boom

10' Tele Boom

5x5 Boom

AXLES Single or Tandem





2100 PD

DESIGN

Exclusive Vactor Modul-Flex®

BLOWER

Roots / Dresser positive displacement DRIVE

Chassis driven, direct drive

VACUUM RATING Up to 18 in (457 mm) Hg

OMSI TRANSFER CASE

Direct driven off of chassis **FULLY HYDRAULIC BOOM** Cylinder actuated movement

Wireless belly pack option PICKUP HOSE

8 in (203 mm) diameter

DEBRIS BODY CAPACITY

5 yd³ - 15 yd³ (3.8 m³ - 11.5 m³) **WATER TANK CAPACITY**

1,000 gal - 1,500 gal (3,785 L - 5,678 L) WATER TANK CONSTRUCTION

Aluminum (10-year warranty) **WATER PUMP**

Vactor Jet Rodder® Multi-Flow system

WATER DELIVERY

60 gpm - 120 gpm at 2,000 psi - 3000 psi

PUMP ACTION Continuous flow or Jack Hammer®

HOSE REEL Telescoping and rotating

800 ft x 1 in capacity (244 m x 2.5 cm) **REAR DOOR**

Flat, hydraulically opening with fail safe locks

SMART TRUCK FEATURES

E-stops at all operator stations Flow / footage meters Smart messages

CUSTOM CONFIGURATIONS

Optional hot-shift transfer case **WATER TANK CAPACITY** Up to 1,500 gal (5,678 L)

WATER DELIVERY

Up to 120 gpm or up to 3,000 psi **HOSE REEL**

Up to 1,000 ft capacity (305 m) **MULTIPLE BOOM OPTIONS** RDB 1015

10' Extendable Boom 10' Tele Boom 5x5 Boom

Single or Tandem





DESIGN

Exclusive Vactor Modul-Flex®

BLOWER Roots / Dresser positive displacement DRIVE

Chassis driven, direct drive

INLET VOLUME Up to 2,100 cfm

VACUUM RATING Up to 15 in (381 mm) Hg

OMSI TRANSFER CASE Direct driven off of chassis

FULLY HYDRAULIC BOOM Cylinder actuated movement PICKUP HOSE

6 in (152 mm) diameter **DEBRIS BODY CAPACITY** 3 yd³ (2.3 m³)

WATER TANK CAPACITY 500 gal (1,893 L)

WATER TANK CONSTRUCTION Aluminum (10-year warranty)

WATER PUMP Vactor Jet Rodder®

WATER DELIVERY

40 gpm at 2,500 psi

PUMP ACTION Continuous flow or Jack Hammer®

HOSE REEL CAPACITY

120 degree rotating 500 ft x 3/4 in (152 m x 19 mm)



RAMJET®

850 Series Truck Jetter

DESIGN

Exclusive Vactor Modul-Flex®

WATER TANK CAPACITY 1,500 gal (5,678 L)

WATER TANK CONSTRUCTION

Stainless steel **WATER PUMP**

Vactor Jet Rodder®

Multi-flow System

WATER PUMP DRIVE Chassis driven, direct drive

WATER DELIVERY 80 gpm at 2,500 psi

HAND GUN SYSTEM 25 ft x 1 in (8 m x 2.5 cm)

HOSE REEL CAPACITY Front Mounted | 1,000 ft (305 m) Rear Mounted | 800 ft (244 m)

CUSTOM **CONFIGURATIONS**

WATER TANK CAPACITY Up to 2,500 gal (9,463 L) **SHROUD**

Rear hose reel available **AXLES** Single or Tandem



RAMJET®

Jetter Trailer Series

DESIGN Exclusive Vactor Modul-Flex® **WATER TANK CAPACITY** Up to 750 gal (2,839 L) WATER PUMP DRIVE Auxiliary engine 4 cylinder

WATER DELIVERY Up to 40 gpm at 3,000 psi HAND GUN SYSTEM 25 ft x 1 in (8 m x 2.5 cm)

HOSE REEL CAPACITY -Rear Mounted | 600 ft (183 m)

CUSTOM **CONFIGURATIONS**

WATER TANK CAPACITY Triplex water pump



