



WESTERN STAR 6900 – XD40 OFFROAD
Klein K900
9000 Gallon Water Truck



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WESTERN STAR 6900 – XD40 OFFROAD
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THE SAFEST WAY TO GET THE WATER WHERE YOU WANT IT.

The innovative Klein patented trapezoid tank body installed on the Western Star XD40 Offroad chassis creates one of the safest platforms to deliver water to your site. It achieves this with a number of engineering features including:

- A low center of gravity for greater stability that when combined with wide track of the XD40, enhances safety by reducing the risk of rollover
- Rigid frame construction allows drivers to sense the terrain better than when in an articulated unit, further allowing them to detect and avoid rollover situations
- The extra-wide cab, along with Klein's trapezoid tank design, provides better views for optimal operator and job site safety
- PFC™ (Precision Flow Control) baffling system allows maximum water output while maintaining complete live load movement control for even greater safety

If you're looking to add a dependable water truck and add safety at the same time, you've found it.





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FEATURES & BENEFITS: CHASSIS

PROVEN DURABILITY MEANS GREATER PRODUCTIVITY.

Western Star has been building rugged, hard-working equipment since 1967. And the result of this work is the XD Offroad package. The extreme-duty XD Offroad delivers a dependable and affordable option to the more costly rigid and articulated 40-ton haul trucks with a selection of features to maximize uptime and profitability.

WESTERN STAR XD40 OFFROAD CHASSIS



FEATURES:

REDUCED MAINTENANCE TIME

Steel, butterfly hood
 Fender and air cleaner disconnect system
 Planetary gear sets
 Available central lube and other time saving systems

INCREASED UPTIME

Large copper-brass radiator
 Shock-mounted radiator
 Point-to-point electrical system with in-cab fuse panels
 Steel chassis wiring standoffs

UNMATCHED POWER

Detroit™ engine options

BENEFITS:

Quick fluid checks and long life
 Quick and easy engine access
 Manage massive loads while remaining easy to work on
 Reduced maintenance time

Excellent cooling and in-field reparability
 Reduced downtime and repairs
 Quicker diagnosis and repair
 Quicker circuit tracing and repair

Multiple models and power ratings to tailor the engine to the job while maximizing fuel efficiency



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FEATURES & BENEFITS: BODY

AFFORDABLE TO BUY. AFFORDABLE TO RUN.

Well-positioned for the job at hand, the Klein K900 unit competes head-to-head with units that are more costly with respect to operation performance and initial purchase price, and offer a number of unique benefits.



FEATURES:

IMPROVED SAFETY

Patented trapezoid tank design

PFC™ (Precision Flow Control) baffling system

Flanged head and baffle tank construction

BENEFITS:

Better visibility for greater driver and job site safety

Allows maximum water output while maintaining complete live load movement control for safety

10 times stronger and more reliable than tanks constructed with non-flanged, butt weld systems

PRECISE APPLICATION

Six independently cab operated adjustable spray heads

SMARTSPRAY™ hydraulic control system

Cab operational remote spray nozzle system

Ensure wide and very precise road coverage and maximum water usage at all times and for all road layouts

Allows operators to quickly water areas in one pass while obeying safety limits or slower travel speeds

Lets the operator wet down areas remotely for dust suppression and off road water placement



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FEATURES & BENEFITS: BODY

THE BIGGER THE CHALLENGE, THE BETTER IT PERFORMS.

The K900 can be equipped with the front engine PTO or rear engine PTO-driven Klein SMARTSPRAY™ system that makes your operator's job easier and ensures years of worry-free, low maintenance performance under the most adverse conditions.

KLEIN SMARTSPRAY™ PUMPING SYSTEMS



FEATURES:

GREATER PRODUCTIVITY

Hydraulic control system to provide maximum pump operation at any desired ground speed or engine idle

INCREASED FUEL EFFICIENCY

Allows the engine to operate at slower speeds more often

IMPROVED SAFETY

Better hands-free operation

BENEFITS:

Ability to load and haul materials and equipment

Allows easy transport of heavy mine tires, cable rolls and other equipment using the MBT-40 hook lift

Increased driver attention to avoid dangers around them

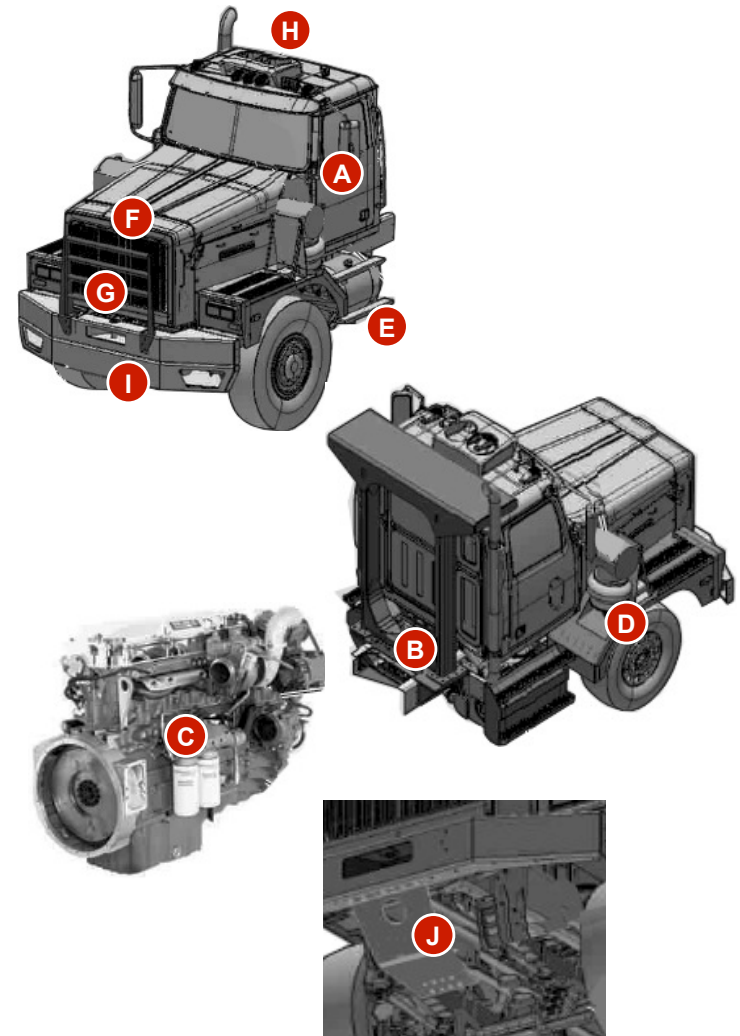


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TECH SPECS: CHASSIS

ITEM	KEY	STANDARD	OPTIONAL
A	All-steel cab with Severe Duty reinforcement package for long service life and added driver safety	.	
B	Dual heavy-duty air rear cab mounts and Extreme Duty top mount front cab crossmember provides driver comfort and cab durability	.	
C	Detroit™ Series 60® Tier III engine with no EGR or DEF system requirements available for offroad only applications eliminates exhaust regen and DEF 14.7L requirements		.
	Detroit™ DD15®/DD16® GHG 17 engine with up to 600HP and 2050 (manual) or 1850 (automatic) torque ratings, standard with EGR or DEF systems	.	
	Cummins ISX GHG 17 engine with up to 600HP and 2050 (manual) or 1850 (automatic) torque ratings, standard with EGR or DEF systems		.
D	Dual Donaldson STG Donaclone two-stage air cleaner for maximum dust filtration and long filter life (available with butterfly hood only)	.	
E	Available quadruple-channel frame rails with 6.7M RBM load capacity		
F	Long-life steel fuel hydraulic tanks equipped with Extreme Duty heavy steel tank supports	.	
G	Steel fender butterfly hood with shock mounted radiator designed for long life and safe engine access	.	
H	Durable, extra-capacity Glacier Core copper brass radiator for durability and easy on-site field repairs	.	
I	Roof-mounted AC condenser for maximum cooling and comfort in dusty conditions	.	
J	22-inch double Extreme Duty steel bumper with radiator protector and integral removable tow pin	.	

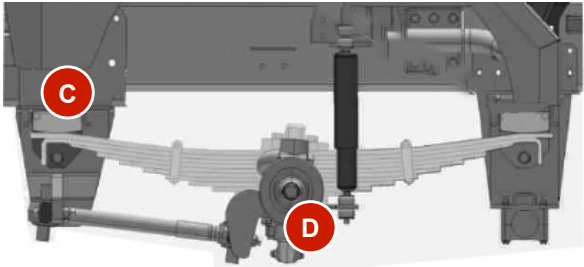
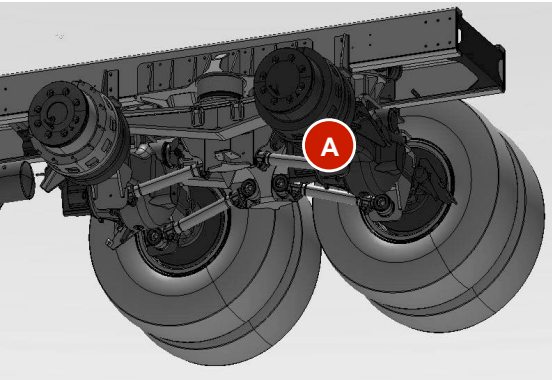
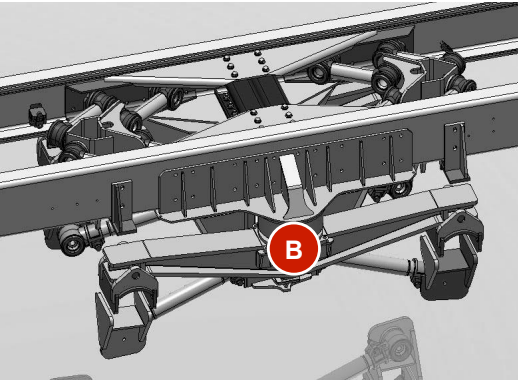
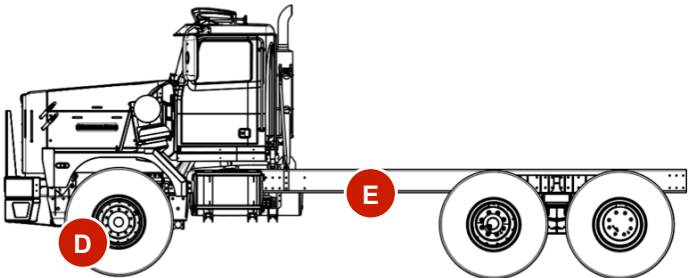




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TECH SPECS: CHASSIS

ITEM	KEY	STANDARD	OPTIONAL
A	AxleTech SPRC1927 110,000 lb planetary tandem rear axle	•	
B	Chalmers 865 11,000 lb rear suspension	•	
C	Double slipped front suspension provides maximum load capacity with smooth ride and handling in rough road conditions		•
	28,000 lb flatleaf front suspension with 62.5-inch long slipped spring	•	
	24,000 lb flatleaf front suspension with 62.5-inch long slipped spring	•	
D	SISU FSND12G 28,000 lb single front steer axle	•	
	AxleTech PSC826 24,000 lb (10.9 MT) planetary single front drive axle		•
E	Quadruple-channel frame rails with 6.7M RBM load capacity		•

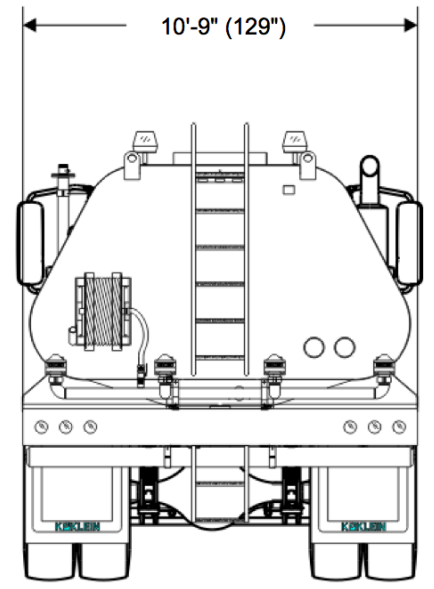
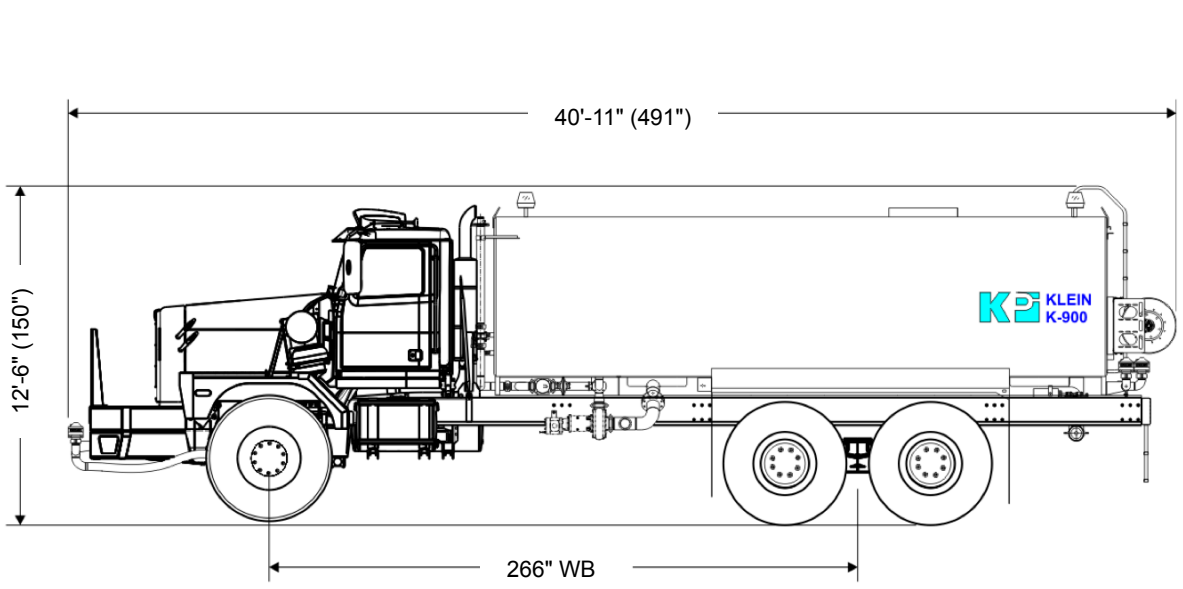




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TECH SPECS: BODY

MATERIAL CAPACITY	TANK CAPACITY AND OUTPUT DETAILS	UNITS	
		METRIC	U.S.
	Total Combined Trailer Frame Length	34,068 liters	9,000 gallons
	Tank Length	6,858 mm	22'-6"
	Tank Width	3,139 mm	10'-4"
	Front Spray Heads (2) Spray Heads	28.1 cu meter	39 yards
	Rear Spray Heads (4) Spray Heads	34.5 cu meter	45.1 yards
	Side Spray (1) Spray Head Each Side w/Independent Control	3,048 mm	10'-10"
	Overall Height 12'-6"	3,657 mm	12'-0"

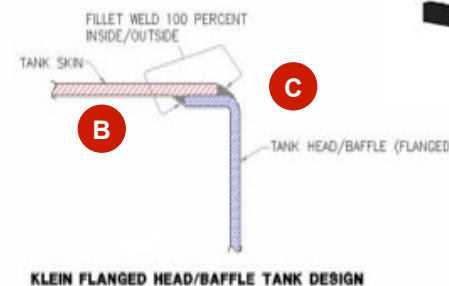
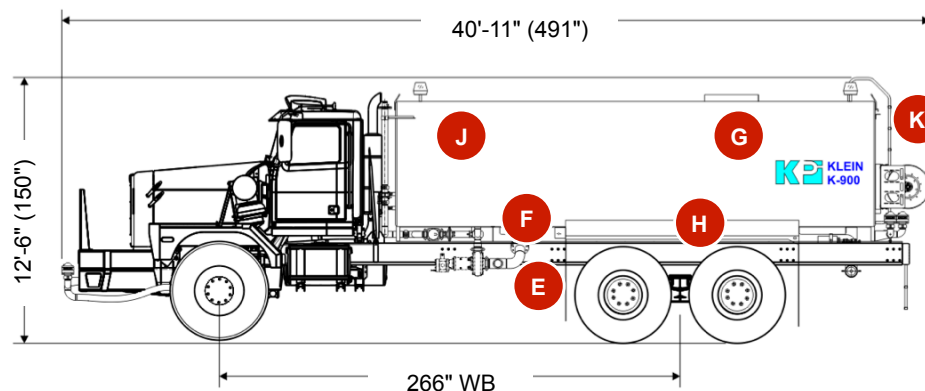
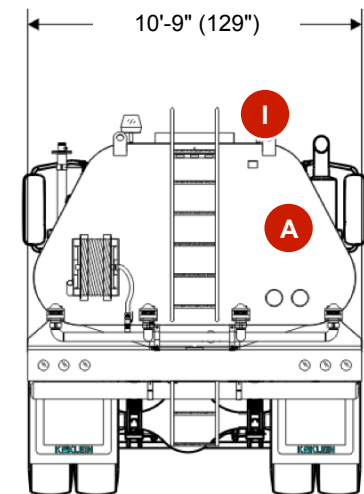




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TECH SPECS: BODY

WATER TANK BODY CONSTRUCTION		STANDARD
CONSTRUCTION/COMPONENT DETAILS	A Unit to be patented trapezoid tank design for the lowest center of gravity and maximum stability	•
	B Tank constructed of minimum A36 prime steel plate designed for maximum durability and tank capacity	•
	C Flanged bulkheads welded 100% inside and outside for superior tank strength	•
	D PFC™ (Precision Flow Control) baffling provides safety and stability in all directions	•
	E Bottom tank sump design to ensure pumps always have maximum draw while improving water distribution	•
	F Foot valve in sump protects the pump and ensures positive pump prime on start up	•
	G 30-inch manhole for inspection and filling purposes, galvanized trash screen for easy quick top fill	•
	H Independent fender outriggers and mud flaps	•
	I Light group including stop, tail, turn and ID	•
	J Exterior of tank primed and painted with two-part epoxy in one standard color of customer choice	•
	K Rear access ladder with tie-off railing from ladder to midway	•





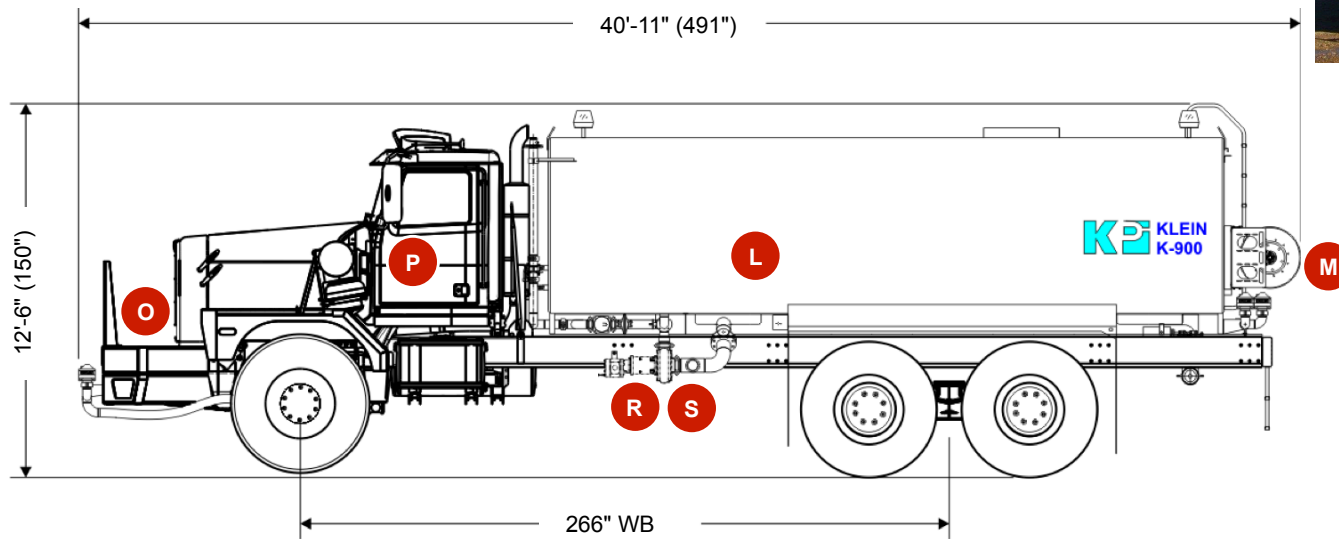
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OPTIONS

OPTIONAL EQUIPMENT	OPTIONAL PACKAGES		OPTIONAL
	L	Interior coated 100% with rust-resistant KleinFlex elastomeric polyurethane	•
	M	Hose reel 50' x 1-1/2" manual	•
	N	Hose reel 100' x 1-1/2" automatic	•
	O	Patented Klein SMARTSPRAY system for max water volume at low speeds	•
	P	Water level gauge (mechanical) in operator compartment	•
	Q	10' x 3" suction hose section with foot valve and matching camlock fittings	•
	R	Cold weather prep package	•
	S	Extreme cold weather package including double-walled insulation and heated pump system	•





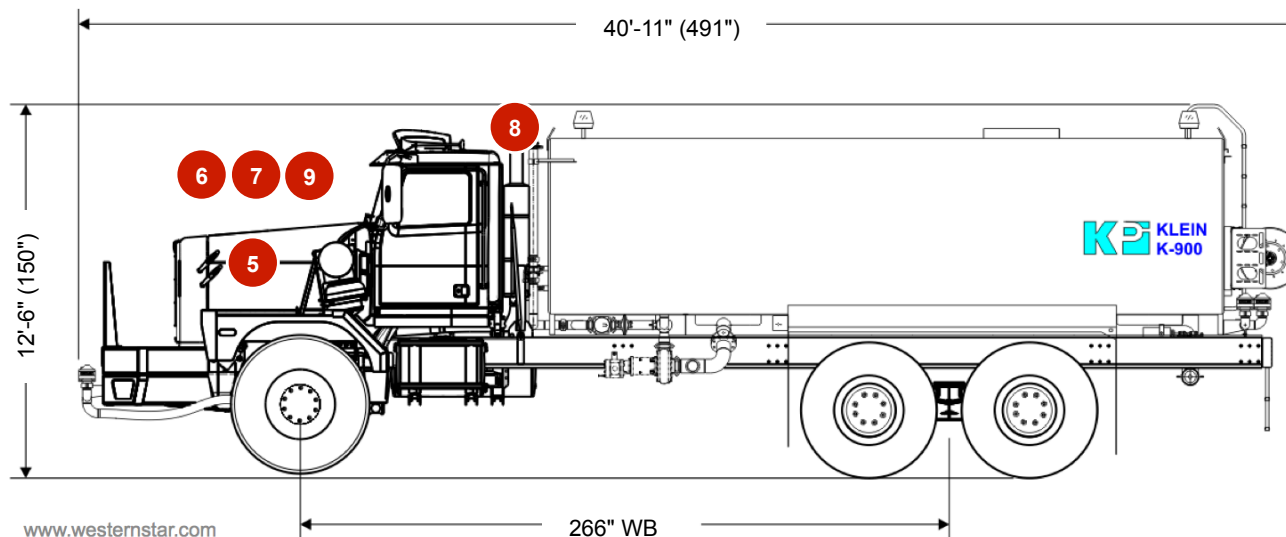
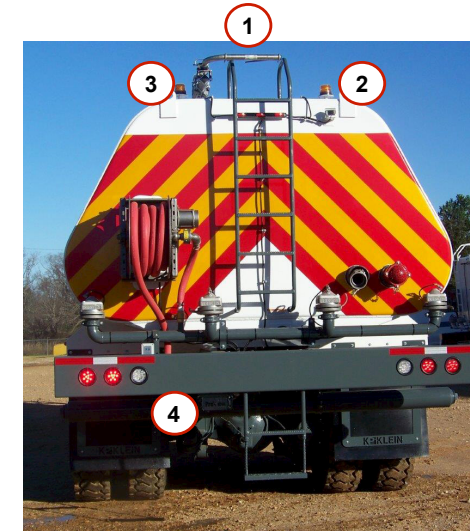
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SAFETY

SAFETY EQUIPMENT	SAFETY PACKAGES		OPTIONAL
	1	TRAM top tank fall protection system	•
	2	KleinView safety back up camera	•
	3	Tank-mounted strobe lights and chevron vinyl graphics on back of tank	•
	4	Preview back-up and/or side detection radar system	•
	5	Front fender hand rails	•
	6	Engine fire suppression system	•
	7	Emergency engine shut down	•
	8	Rollover protection system	•
	9	Safety seatbelts with click to start	•





Klein Products

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Western Star Trucks

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