

Shop Order-00-10-11: Unclassified

Washington Fire Department Selectman Tom Johnston P O Box 408 Washington, Maine 04574 598 5681 t.o. 845 2897 tomsmail@fairpoint.net 1 207 463 2788 K & T Fire Equipment Tom York P o Box 360 1143 Crystal Road, Route 159 E, Route 95 n exit 27 Island Falls, Maine 04747 1 800 675 2848 tom.york91@yahoo.com

Exp. Date: 07/30/2016

1 207 463 2826

Quote No: RWAME-0016 Job/Order No: 19213

BODY: 00-10-11 Metalfab Pumper - NFPA 05/13

04/10/2017					Page i
PART NO	S	STN CODE		QTY	ID
	S		== Metalfab Pumper - NFPA 05/13 - 0.000 == CHANGE ORDER B	1	MTL MTL
00-10-1500	3			1	MTL
			Metalfab Pumper E Company Profile E	1	
00-20-1000				1	MTL
00-20-1500			Standard Body Warranty Materials Limited Ten (40) Year Baint and Correction Warranty	1	MTL MTL
00-20-1550 00-20-1700			Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1700			Hale Pump Warranty - 5 years UPF Polytank Lifetime Warranty	1	MTL
<i>00-20-1900</i>	s		Plant Inspection Visits - By K&T	1	MTL
00-20-2100	3			1	MTL
00-20-2500			Engineering (Proposal) drawing Bo Bonding Required	1	MTL
				1	MTL
00-20-3500			Certification for Fusion Welding of Aluminum	1	
00-20-4000			Quality System registered to ISO 9001:2008	1	MTL MTL
00-20-4500 00-99-05AA	U	_	Fire Apparatus Manufacturers' Association Membership Metalfab Insurance Certificate		IVIIL
00-99-05AA	U	<		1	
			An Insurance Certificate shall be supplied naming the		
			Washington Fire Department as an insured Party.		
			GENERAL INFORMATION	1	MTL
10-11-0000			Intent E	1	MTL
10-11-0000			Vehicle data recorder included with chassis	1	MTL
10-11-0110			NFPA 1901-2009 Compliance	1	MTL
10-11-2001			UL Testing not requested E	1	MTL
10-11-2100	S		Maximum length 29'- 6"	1	MTL
10-11-2100	S		Max height - none specified	1	MTL
10-11-2200	3	`	Ladder rack, beacons, etc may extend above top of body	1	IVIIL
			Laudel rack, beacons, etc may extend above top of body		
10-11-2300			Overall length is less than 30'	1	MTL
10-11-2300			Overall height is 119" or more	1	MTL
10-11-2500			General Construction	1	MTL
10-11-2600	S		Preconstruction Meeting - By K&T	1	MTL
10-11-3000			Manuals - two copies	1	MTL
10-11-3600	S	>	Delivery - FOB Fire Department - By K&T	1	MTL
10-11-4000		-	Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
10-20-1400	S	>	Hose capacity exceeding ULC/NFPA requirements	1	MTL
10-20-2100		-	Equipment carrying capacity - standard NFPA Pumper	1	MTL
.5 25 2150			CHASSIS INFORMATION	1	MTL
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PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-11-1000	S	<	Chassis supplied by Metalfab	1	MTL
			Freightliner M2106 from Freightliner of Maine		
			14.6 FA, 26 RA, 40.6 GVW, ESC		
			ISL-350, 2200 gov, 1000 @ 1400 torque		
			3000EVS automatic transmission		
			199" WB, 133.45" CA		
			Air horns on hood with foot switches		
			L2745EB Vermillion Red		
			18.7 CFM air compressor		
00 44 4500			0040 Emiliaria abassis madifications	4	NAT!
20-11-1500			2013 Emission chassis modifications	1	MTL
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
20-21-1000			Maximum riders sign - 2 persons	1	MTL
20-21-1500			Seat belt warning labels - 2 door chassis	1	MTL
20-21-1520			Helmet warning label - do not wear helmet	1	MTL
20-21-1530			Tire Pressure Indicators - Single Axle	1	MTL
20-21-1600			Apparatus Information Label	1	MTL
20-21-2000			Non removable key	1	MTL
20-21-2500			Shifter lock not required E	1	MTL
20-21-3500			Rear step warning label	1	MTL
20-21-3810			Front mudflaps provided with chassis	1	MTL
20-21-3610			E	ı	WIL
20 24 4000			_	1	MTL
20-21-4000	_		Rear mudflaps - Metalfab Logo	1	
20-21-4500	S		Transportation Safety Kit included with chassis	1	MTL
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-0500			Alum tread fuel tank trim, Conv - 2 door	1	MTL
20-31-1900	S		Chassis cab Painted by Freightliner	1	MTL
20-31-4700	S	< >	Extend front bumper, gravshid with preconnected hosewell	1	MTL
			Capacity to be 150'-00" plus nozzle		
			Design to be similar to M04-16922		
			Hose connection to be swivel in lower portion of hosewell		
			***Bumper to be extended approx 16" ahead of cab to match		
			previous unit		
20-31-7500			Console in cab	1	MTL
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-1100			Transmission programming - Allison WT	1	MTL
20-41-1500	S		Extend exhaust pipe - RS front of rear wheels and receiver	1	MTL
20-41-1900			Battery boost terminals with chassis	1	MTL
20-41-2000			Chassis batteries remain in OEM location	1	MTL
20-41-2510			Fuel fill at step fuel tank under cab	1	MTL
20-41-2600	S		Chassis fuel tank remains in OEM location	1 2	MTL
20-41-5215	3		Side receiver, under body		MTL
20-51-0710			Master Battery Disconnect included with Freightliner chassis	1	MTL
20-51-2500			Back up alarm included with chassis	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-4000			Auto eject for air inlet - LS	1	MTL
20-51-6200	S	>	120 volt 20 A shore line connection in compartment	1	MTL
20-51-6510			Kussmaul Autocharge 35/10 battery conditioner w/battery save	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-7500			Super Auto eject for 120 v - 20 A with sealed enclosure	1	MTL
20-51-8500			Engine compartment lights (pair)	1	MTL
20-51-9001	S		Air horns with foot switches included with chassis	1	MTL
20-52-3500	-	>	Chassis steering wheel lined up by Metalfab	1	MTL
3_ 3000		•	E	•	
20-60-0400			Chassis wheelbase does not change	1	MTL
20-90-1500	c	< >	12 volt power point	3	MTL
20 30-1000	3	•	Locate one in each high side compartment	J	/// L
			2004.0 one in each might olde compartment		
L					

20-99-05AA U < Chassis Tires to Be Studded - By K&T 20-99-05AA U < Rear Tow Hook - Recessed Pintle Hook The rear tow device shall be a pintle hook blocated in the rear compartment of the unit. The pintle hook shall be recessed behind the rear wall of the compartment. It shall be accessed behind the rear wall of the compartment. It shall be accessed through a drop down door with a lift and turn latch. 20-99-08AA U < Anchor Points for Department Supplied Gin Pole There shall be three sets of closed ring anchor points installed on the unit. There shall be a set on the right side, the left side, and the rear. The sets on the sides shall be mounted high on the outer body panel. The rings shall be equidistant from the receiver. 1/4" aluminum backup plates to be provided at these locations. A 3" aluminum pipe will be welded in place and extend from body far enough to install a through 1/2" stainless bolt for customer connection. 20-99-09AA U < Rear Receiver, under body A Class III-V receiver is installed at the rear of the unit, bolted directly to the chassis frame rails and accessible under the rear step rub rail. 20-99-10AA U < 12-Volt power by Receiver for Dept Supplied Winch 12 Y Power receptacles shall be installed adjacent to each side and rear receiver to supply power to the department supplied 12,000 lbs electric winch. Waterproof covers shall be supplied with each receptacle. All 3 receptacles are to be wired to a master disconnect switch mounted in the chassis cab and through a 40AB Bussman fuse and bracket with 20 cable wired directly to batteries. PUMP AND PLUMBING Hale QFLO Single stage 1250 USGPM Pump Panel to be set up the same as last Metalfab Truck (M04-16922) 30-11-5700 < Rear Receiver place and stage 1 place and stage 1 place 1 place 20-0500 Arone stage 1 place 20-0500 Piping galvanized steel - general 30-20-0500 Arone stage 1 place 20-0500 Piping galvanized steel - general 30-20-1500 Piping galvanized steel - general 30-20-1500 Piping stytostatic test 4 mTL 30-20-2000 Piping stytostatic	04/10/2017					Page 3
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latch. 20-99-08AA U < Anchor Points for Department Supplied Glin Pole There shall be three sets of closed ring anchor points installed on the unit. There shall be a set on the right side, the left side, and the rear. The sets on the sides shall be mounted high on the outer body panel. The rings shall be mounted high on the outer body panel. The rings shall be equidistant from the receiver. 144° aluminum backup plates to be provided at these locations. A 3° aluminum pipe will be welded in place and extend from body far enough to install a through 1/2" stainless bolt for customer connection. 20-99-09AA U < Rear Receiver, under body A Class III-IV receiver is installed at the rear of the unit, bolted directly to the chassis frame rails and accessible under the rear step rub rail. 20-99-10AA U < 12-Volt power by Receiver for Dept Supplied Winch rear step rub rail. 20-99-10AA U < 12-Volt power by Receiver for Dept Supplied Winch side and rear receiver to supply power to the department supplied 12,000 lbs electric winch. Waterproof covers shall be supplied with each receptacle. All 3 receptacles are to be wired to a master disconnect switch mounted in the chassis cab and through a 40AO Bussman fuse and bracket with 2/0 cable wired directly to batteries. PUMP AND PLUMBING 30-11-5700 < Hale QFLO Single stage 1250 USGPM Pump Panel to be set up the same as last Metalfab Truck (M04-16922) 30-12-3300 Mechanical seal for Hale QFLO/QPAK pumps Plumbing - Hale manifold pump SM Salves and controls - side mount panel Pump panel to be set up the same as the last 2004 Metalfab truck - M04-16922 30-20-1500 Mechanical seal for Hale QFLO/QPAK pumps 1 MTL Piping galvanized steel - general 30-20-1500 Final panel steel - general 30-20-1500 Final pan						
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20-99-10AA U < 12-Volt power by Receiver for Dept Supplied Winch 12V Power receptacles shall be installed adjacent to each side and rear receiver to supply power to the department supplied 12,000 lbs electric winch. Waterproof covers shall be supplied with each receptacle. All 3 receptacles are to be wired to a master disconnect switch mounted in the chassis cab and through a 400A Bussman fuse and bracket with 2/0 cable wired directly to batteries. PUMP AND PLUMBING 30-11-5700						
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Cable wired directly to batteries. PUMP AND PLUMBING 1						
PUMP AND PLUMBING 1 MTL						
MTL				cable wired directly to batteries.		
MTL						
Pump Panel to be set up the same as last Metalfab Truck (M04-16922)					1	
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Machanical seal for Hale QFLO/QPAK pumps 1				Pump Panel to be set up the same as last Metalfab Truck		
Machanical seal for Hale QFLO/QPAK pumps 1				(M04-16922)		
Solution						
Solution	30-12-3300			Mechanical seal for Hale OFLO/OPAK numps	1	MTI
Solution - 6" not gated each side manifold pump 1 MTL Suction - 6" not gated each side manifold pump 1 MTL Surtion - 6" not gated each side manifold pump 1 MTL MTL Surtion - 6" not gated each side manifold pump 1 MTL M					1	
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30-20-1002 Akron valves specified 1 MTL						
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NTL Sign S						
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30-20-1800 S 2-1/2" thread specifications - NST 1 MTL 30-20-2000 Piping hydrostatic test 1 MTL 30-20-2500 Anodes in suction and discharge piping 1 MTL 30-21-5500 Tank to Pump 3" w/ check valve manifold pump 1 MTL 30-22-0500 Tank Fill valve 2" 1 MTL 30-31-4010 Suction - 6" not gated each side manifold pump 1 MTL Right to have manual MIV No gate on left side 4 MTL 30-31-7100 Hale master intake suction valve - handwheel control 1 MTL Bleeders for master intakes to all be on the driver's side 1 MTL		.5			1	
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Right to have manual MIV No gate on left side 30-31-7100 <> Hale master intake suction valve - handwheel control Bleeders for master intakes to all be on the driver's side	30-22-0500			Tank Fill valve 2"	1	MTL
Right to have manual MIV No gate on left side 30-31-7100 <> Hale master intake suction valve - handwheel control Bleeders for master intakes to all be on the driver's side	30-31-4010		<	Suction - 6" not gated each side manifold pump	1	MTL
No gate on left side 30-31-7100 <> Hale master intake suction valve - handwheel control Bleeders for master intakes to all be on the driver's side						
30-31-7100 < > Hale master intake suction valve - handwheel control 1 MTL Bleeders for master intakes to all be on the driver's side						
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Bleeders for master intakes to all be on the driver's side	20 24 7422			Holo montos intelso quetien valva, handrile el estrel	_	A # T !
	30-31-7100		< >		1	IVIIL
pump panel						
				pump panel		

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PART NO	S	STN CODE		QTY	ID
			Suction to be gated is right side		
			Manual hand wheel is located on RS near the suction		
			connection		
30-31-7200		< >	Hale master intake suction valve - electric control	1	MTL
			Bleeders for master intakes to all be on the driver's side		
			pump panel		
			*** Suction to be gated is the rear suction.		
30-32-7500			Suction - 2-1/2" left side, bleeder, Hale manifold pump	1	MTL
30-40-2000	S	<	4" right discharge, plumbed 3", Hale manifold pump	1	MTL
00 40 2000	Ŭ		Bleeder valve provided	•	
			biccaci vaive provided		
30-41-2000			2-1/2" RS discharge, bleeder, Hale manifold pump	1	MTL
30-41-2500			2-1/2" LS discharge, bleeder, Hale manifold pump	2	MTL
30-43-1500	_		2-1/2" rear discharge, plumbed 2-1/2", bleeder	2	MTL
30-44-0500	S	<	1-1/2" crosslay (each), 2" valve, bleeder	2	MTL
			Each preconnected crosslay area to be 6-1/4" wide		
			Capacity 150' x 1-1/2" hose plus nozzle		
			Layout to match 2004 Pumper M04-16922		
30-44-1000	S	< >	1-1/2" front trash line, plumbed 2", hosewell	1	MTL
			Capacity 150' x 1-1/2" hose plus nozzle		
			Hose connection to be swivel in lower portion of hosewell		
30-44-6500			Piping for monitor, plumbed 3", bleeder	1	MTL
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
30-31-0700			E		IVIIL
30-51-1500			Power shift PTO - Automatic transmission	1	MTL
30-51-1501			PTO driveshaft E	1	MTL
30-51-6800			FRC InControl Governor/Throttle engine display with throttle	1	MTL
			knob	_	
30-51-7000			Suction side relief V/V, manifold pump	3	MTL
30-51-7713	U		Trident AirPrimer - 3 barrel, 3 Locations	1	
30-51-7720	U		Additional air tank for air primer	1	
30-51-8100			Heat exchanger included with chassis	1	MTL
30-51-9100			Thermal Relief Valve with warning light	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			Drain valve for foam system header	1	MTL
30-52-5510			Foam system-Hypro FoamPro 2001 Single Tank	1	MTL
30-52-8100			Electric foam fill pump with panel pickup	1	MTL
30-52-9100			Foam concentrate label at foam tank fill	1	MTL
30-52-9200			Foam System Instruction Plates	1	MTL
30-52-9400			NFPA Foam System certification test	1	MTL
30-99-05AA	U		Department to Approve Pump Panel Print Prior to Manufacture	1	W 1 L
30-33-03AA	U		Department to Approve Fullip Faller Fills Fills to Manufacture	,	
30-99-06AA	,,	<	Suction - 6" Bl Piping to Rear - Electric Valve - painted red	1	
30-99-00AA	U	<		7	
			There shall be a 6" Black Pipe suction plumbed to the rear of		
			the unit. The suction shall be controlled with a HALE		
			Electric MIV Valve (30-31-7200).		
			Suction to be located inside rear compartment as shown on		
			proposal drawing, to extend to just inside the back rollup		
			door.		
30-99-10AA	U	<	Non Preconnected Crosslay (Deadlay)	1	
			There shall be a non preconnected crosslay (dead lay)		
			located in between the 2 preconnected crosslays. The dead		
			lay area shall be 5" wide.		

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PART NO	S	STN CODE		QTY	ID
30-99-20AA	U	<	Akron 3440 Deckmaster electric monitor	1	
			Akron 3440 Deckmaster electric monitor		
			Akron 5177 1250 GPM electric nozzle		
			Akron 60410008 panel control with stow and deploy		
			Inlet to be 3" NPT		
			Outlet to be NST		
			Stacked tips not required		
			Wireless control not required		
			WATER AND FOAM TANKS	1	MTL
40-11-2000	S		Polytank III water tank (US gallons)	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-4600	S		Tank capacity 1000 US Gallons	1	MTL
40-12-4700	S		Foam cell - 30 US gallon	1	MTL
40-13-0100	S	>	Through the tank tunnel - up to 1200 gallon tank	1	MTL
40-21-0500			3" tank to pump connection	1	MTL
40-22-0500			2" tank fill connection	1	MTL
40-23-1000			1" foam level gauge connection	1	MTL
40-30-0500			Sump drain valve (3" gate valve) with linkage	1	MTL
40-30-0300			E gate valve) with linkage	,	WIIL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-0400			Rear dump valve not requested E	1	MTL
					MTL
40-31-6050				1	
50 44 0500			ELECTRICAL PLANTAGE	1	MTL
50-11-0500			Base electrical system	1	MTL
50-11-0600			Warning Light Certification	1	MTL
50-11-0700			Low Voltage Electrical system test	1	MTL
50-11-0800			Low Voltage Electrical System Documents	1	MTL
50-11-0900			Rocker switch panel with master warning switch	1	MTL
50-11-1400			Federal PA300 100 watt siren	1	MTL
50-11-1620			Siren speaker,100 watt, in front bumper	1	MTL
50-11-2600			Siren to be accessible to driver and officer	1	MTL
50-11-5002	S		Federal LPX53DS-NFPA LED Lightbar	1	MTL
50-11-6610			Rear LED Traffic Advisor warning lights - flush mount	1	MTL
50-11-8900			Rear beacons-Federal Sentry (pr) 1 red, 1 amber	1	MTL
50-12-5020			Front LED flashers (pr)-red Federal QL64XF-R	1	MTL
50-12-5210			Front side inter Its (pr)-red LED Federal QL64XF-R	1	MTL
50-12-5310			Body side inter Its (pr)-red LED Federal QL64XF-R	1	MTL
50-21-2500		<	Extenda Light telescoping 500 watt flood (ea) E-500-PS-SM2 no	4	MTL
			switch		
			1 left front , 1 left rear , 1 right front , 1 right rear		
			Switched on pump panel with press switches same as last		
			truck.		
			1030318 ELST500-PS-SM2 with HC-2		
50-21-5100		>	Compartment lighting - LED tube lights in each compartment	1	MTL
			(rollup doors)		_
50-21-5500			Door Ajar warning light	1	MTL
50-21-5550			Equipment rack not stowed warning light	1	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8201	S		Step lights for chassis steps - LED lumabar	1	MTL
50-21-8600	-		LED clearance its and reflectors	1	MTL
<i>50-22-0800</i>			Federal 4 QuadraFlare LED tail/brake-turn-backup-warning	1	MTL
30-22-0000			module (pr)	,	WIL.
50-31-4000			8000 watt hydraulic generator - brand not specified	1	MTL
30-31-4000			E	'	WIL
50 24 6006				2	MTI
50-31-6006		>	Scene lights (pr) - Federal QL97 LED	3	MTL
50-31-6010			Scene light boxes (pr) - tread plate	2	MTL
50-31-6600			Ground lighting (4" LED) - 2 door chassis	1	MTL
50-31-6620			Ground lighting (4" LED) - side mount body	1	MTL

04/10/2017 PART NO	S	STN CODE	DESCRIPTION	QTY	Page 6
50-99-05AA	U	STN CODE	Rear Upper Flashers - QuadraFlare 64 LED - Left Blue, Right	Q 1 1 1	טו
30-33-03AA			Red	,	
50-99-25AA	U		Hose bed lighting	1	
51-31-3020		< >	120 volt wiring for hydraulic generator		MTL
31-31-3020	J		5-15R duplex receptacles in front portion of lower wheel well		1011 L
			opening - 1 duplex each side located as high as possible -		
			minimum 24" from ground		
			Circuits for 4 telescoping floodlights, wired through press		
			switches on the pump panel		
			Note that Neutral is bonded to chassis ground.		
			Locate the breaker panel as high as possible in the middle of		
			the back wall of the RS front compartment. Locate the FROG		
			control and readout in the cab console 20-31-7500.		
51-31-4500			Dielectric strength test for line voltage system	1	MTL
31-31-4500			BODY	1	MTL
60 40 4400				1	
60-10-1400	S		Single axle extruded aluminum body	1	MTL
60-10-4100			No "beavertail" rear step supports	1	MTL
60-10-4600			Painted fender surround E	1	MTL
60-10-4700			Integral aluminum fender trim	1	MTL
60-10-5400		>	Diamondback pumphouse steps	1	MTL
60-10-5450		>	Diamondback 10" rear step	1	MTL
60-10-6000			Extruded rub rail	1	MTL
60-11-0100		< >	Front left side compartment to top of wheel well	1	MTL
			Double doors lower front left side		
60-11-0700		< >	Front right side compartments full height	1	MTL
00 11 0100			E	,	10772
			60" H inside from floor to compartment top (behind roll of		
			door)		
60-11-0800		< >	Rear left side compartment to top of wheel well	1	MTL
00 11 0000			Double doors lower rear left side		· · · · · ·
			Double doors lower rear left side		
60-11-1400		< >	Rear right side compartments full height E	1	MTL
00-11-1400		` /	60" H inside from floor to compartment top (behind roll of	,	WIIL
			door)		
			Lower rearmost portion open to left side rear lower		
			•		
			compartment		
60-11-2000			High side compartment (over 10") cook	2	MTL
00-11-2000		< >	High side compartment (over 18") each	3	IVIIL
			3 high side compartments left side with flip up doors at least 24" high inside the door for Scott 4.5 SCBA		
			least 24 migh miside the door for Scott 4.5 SCBA		
60 11 2200			Full Hoight Poor comportment		MTL
60-11-3200		>	Full Height Rear compartment	1	
60-11-4500			Flush mount aluminum door - single with "D" handle	3	
60-11-4510		<	Flush mount aluminum door - double with "D" handle	2	MTL
			For lower front and rear side compartments left side		
60-11-5500			Rollup door - standard height	1	MTL
60-11-5520			Rollup door - standard neight	3	
60-31-4100			Extruded aluminum handrails	1	
60-31-5500		_	Steps at rear of body (folding)	1	MTL
00-31-0000		<		1	IVI I L
			Right Side at rear only		
			Maximum height between steps is 18" Steps include integral LED lights		
			Steps include integral LED lights		
60-31-5600	S		Steps and grab handles at front of body next to pump panel	1	MTL
60-31-6500	_		Compartment matting-Turtle tile	1	MTL
60-31-8200		< >	Sliding vertical tool board	1	
			Right side rear compartment, centered in non through	•	
			J I all the parameter, contained in their anough		

PART NO	S	STN CODE	DESCRIPTION	QTY	Page 7
PARTINO	3	3TN CODE	portion of compartment	QII	טו
			portion of compartment		
60-31-8700	9	< >	Sliding tray (ea) - 400 pound capacity with gas strut	3	MTL
00-37-0700	3	` _	1 left front - mounted on unistruts so adjustable vertically	,	IVI I L
			1 left rear		
			1 right front (offset in 8" each side to allow storage to either		
			side)		
			Reflective stripe is applied on the exposed edge for visibility		
			when the compartment door is open		
			when the compartment door is open		
60-31-9000		< >	Tip down tray - 30 degree, 250 pound capacity	1	MTL
00-37-3000			Left rear high side compartment	,	191 T L
			Reflective stripe is applied on the exposed edge for visibility		
			when the compartment door is open		
			when the compartment door is open		
60-31-9600		< >	Adjustable shelf (ea)	2	MTL
00 07 3000			Back compartment 2 adjustable shelves ,unistrut	_	10112
			Reflective stripe is applied on the exposed edge for visibility		
			when the compartment door is open		
			when the compartment door is open		
60-32-3550			Two adjustable hose divider (each)	1	MTL
60-32-7500		<	Hose bed - aluminum	1	MTL
00-32-7300		•	Hose bed Capacity:		WIL
			1800' of 4"		
			800' of 2 1/2" on each side of body		
			600 Of 2 1/2 Off each side of body		
			Final hose bed volume available will depend on final tank		
			design due to requirement for two fill boxes and a hydraulic		
			generator at the front of the hose bed, as well as height and		
			length restrictions.		
			length restrictions.		
60-33-0000			Paint exterior - Imron Elite	1	MTL
60-33-0200			Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0500			Paint chassis wheels job colour with silver trim	1	MTL
60-33-1000			Paint criassis wheels job colour with silver tilling	1	MTL
60-33-1500			Buffed finish compartment interior	1	MTL
<i>60-33-1300</i>		_	Lettering - 80 letters up to 3" tall - 3 colour	1	MTL
00-33-2200		<	To match M04-16922	,	IVIIL
			Customer to specify Engine number		
			customer to specify Engine number		
60-33-3200			Reflective stripe - 1" - 4" -1" white	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-3500			Tarp over hose bed - black	1	MTL
00-33-3500		<	Shock cord on body sides and rear. "NO VELCRO.	,	IVIIL
			onder cold on body sides and real, "NO VELORO.		
60-33-3600			Reflective stripe - inside entry doors	1	MTL
<i>60-33-4600</i>			Aluminum cover over crosslays - with end tarps (black)	1	MTL
60-40-4500		<	6" Hose tray - side mount (ea)	1	MTL
00-40-4000			Mount to LAS	1	WIL
			Stainless steel scuff plates not required		
			otannoss steel soun piates not required		
60-40-9001	S	>	Tube mount for suction hoses through tank	1	MTL
60-41-1015	3	-	Pike Pole tube in suction hose tube	2	MTL
60-41-1500			Attic ladder tube with rear door	1	MTL
60-41-9000		>	Zico electric Ladder Access system	1	MTL
60-41-9010		-	ZICO Electric Ladder Access system ZICO LAS switched at rear above tail light	1	MTL
00-41-3010			E	1	WIL
60-41-9100			Manual locking system for LAS	1	MTL
60-99-05AA	U		Vertical unistrut tracking in compartment		IVI I L
60-99-10AA	U		Dept Supplied TFT Blitz Nozzle Mounted left rear body panel	8	
00-33-10AA	U		By K&T	1	
			by No.1		

Sincol	04/10/2017		0TU 00DE		0.71/	Page 8
Content Comparison Compar	PART NO	S	STN CODE	DESCRIPTION	QTY	ID
Located in LS front high side compartment.						
One half compartment. One half compartment. One half compartment. One half compartment. Include a half depth partition for tool boards to latch on. Doors to be punched to allow use of PAC brackets NSTRUMENTATION	60-99-20AA	U	<		2	
mid depth of compartment. One half compartment width tool board hinged at rear, at mid depth of compartment width tool board hinged at rear, at mid depth of compartment. Include a half depth partition for tool boards to latch on. Doors to be punched to allow use of PAC brackets						
One half compartment. Include a half depth of compartment. Include a half depth partition for tool boards to latch on.						
depth of compartment.						
Include a half depth partition for tool boards to latch on.						
Doors to be punched to allow use of PAC brackets MTL				depth of compartment.		
INSTRUMENTATION				Include a half depth partition for tool boards to latch on.		
MTL				Doors to be punched to allow use of PAC brackets		
MTL						
MTL				INSTRUMENTATION	1	MTL
To-11-1500 Side mount instrument panel	70-11-0000			Warning Label on Pump Operator's Panel	1	
1					1	
To-11-3200 Colour coded tags					1	
70-11-4500						
70-11-4500 S Storage at rear top of pump house 1 MTL					1	
70-11-5500					1	
The content of the		c			1	
To-11-7500		3			1	
To-11-8000					1	
To-20-1000					1	
70-20-2000 2-1/2" pressure gauge - PSI only 0-600 10 MTL						
MTL To-20-6500 Test gauge panel 1 MTL To-20-7500 Test gauge panel 1 MTL To-20-7500 Heat exchanger control valve 1 MTL To-21-1500 Electric Foam Level gauge 1 MTL To-91-1500 Panel readout for Battery Conditioner 1 MTL To-99-05AA U FRC TANK VISION Water Level Gauge 1 To-99-10AA U FRC TANK VISION Foam Tank Level Gauge 1 To-99-15AA U FRC TANK VISION Foam Tank Level Gauge 1 To-99-15AA U FRC TANK VISION Foam Tank Level Gauge 1 To-99-15AA U FRC TANK VISION Foam Tank Level Gauge 1 To-99-15AA U Split Cover over Pump House Storage Compartment 1 ACCESSORIES 1 To-99-15AA U Split Cover over Pump House Storage Compartment 1 To-99-15AA U To-99-15AA U Split Cover over Pump House Storage Compartment 1 To-99-15AA U To-99-15AA						
MTL					10	
To-20-7500					1	
To-21-1500	70-20-6500			Test gauge panel	1	
T0-21-5500	70-20-7500			Heat exchanger control valve	1	MTL
To-99-05AA	70-21-1500			Electric Foam Level gauge	1	MTL
70-99-10AA U FRC TANK VISION Water Level Gauge 170-99-10AA U FRC TANK VISION Foam Tank Level Gauge 170-99-15AA U Split Cover over Pump House Storage Compartment ACCESSORIES 1 MTL 80-11-1000 U SUS. \$\$ ALL ACCESSORIES BY K&T ALL ACCESSORIES BY K&T ALL ACCESSORIES BY K&T ALL ACCESSORIES BY K&T TO DISCOUNT 80-11-5000 U Harrington 6" x10' lightweight suction hose NST 3 80-11-5002 U Assorted fasteners bolts, nuts, unistrut nuts 1 80-11-5003 U ALL HARRINGTON APPLIANCES, HOSE, FITTINGS 1 80-12-2600 U XXD TFT biltz fire brk 1 80-12-4500 U TFT a03hnx-jet Low level jet strainerFloat 1 80-14-0501 U Alco 24' extension ladder NFPA 1 80-14-0502 U Alco 16' roof ladder w/ hooks 1 80-14-0502 U Alco 16' roof ladder w/ hooks 1 80-14-0505 U Alco 16' roof ladder w/ hooks 1 80-14-0508 U Zico folding wheel chocks large w/ brkts 2 80-10-10007 U 4" storz x 5" storz adpter 1 90-10-1007 U 4" storz x 5" storz adpter 1 90-10-1009 U 6' nh lh fx 4 1/2" nh fs dbl fem 1 90-10-1010 U 6' nh lh fx 4 1/2" nh fs dbl fem 1 90-10-1011 U amkus tool holder zephyr #58 1 90-10-1011 U amkus tool holder zephyr #58 1 90-10-1010 U Astorz wrenches w brkt 1 90-10-1010 U Astorz wrenches w brkt 1 90-10-1010 U pair of univer. spannerw/ brkt 1 90-10-1010 U pair of univer. spannerw/ brkt 1 90-10-1010 U pair of univer. spannerw/ brkt 107	70-21-5500				1	MTL
T0-99-10AA		U			1	
Note					1	
## ACCESSORIES ## AT						
80-11-1000	70 33 10AA	Ū			1	MTI
## ALL ACCESSORIES BY K&T IN US DOLLARS DO NOT DISCOUNT ### Assorted fasteners bolts, nuts, unistrut nuts ### Assorted fasteners bolts fasteners holts fasteners holts ### Assorted fasteners bolts ### Assorted fa	80-11-1000	11	_		1	IVIIL
### DISCOUNT ### 80-11-5000 U Harrington 6" x10" lightweight suction hose NST ### 80-11-5002 U Assorted fasteners bolts, nuts , unistrut nuts ### 1	80-11-1000	U			,	
80-11-5000						
80-11-5002 U Assorted fasteners bolts, nuts, unistrut nuts 1 80-11-5003 U ALL HARRINGTON APPLIANCES, HOSE, FITTINGS 1 80-12-2600 U xxb TFT blitz fire brkt 1 80-12-4500 U TFT a03hnx-jet Low level jet strainerFloat 1 80-12-4500 U Alco 24' extension ladder NFPA 1 80-14-0501 U Alco 16' roof ladder w/ hooks 1 80-14-0505 U Alco 16' roof ladder w/ hooks 1 80-14-0508 U Zico folding wheel chocks large w/ brkts 2 90-10-1005 U K T supplies Zico SCBA multiple holder 4 90-10-1007 U 4" storz x 5" storz adpter 1 90-10-1008 U 4" storz x 5" storz adpter 1 90-10-1009 U 6" nh lhfx 4 1/2"nh fs dbl fem 1 90-10-1010 U 6" nh lhfx 4 1/2"nh fs dbl fem 1 90-10-1011 U amkus tool holder zephyr #69V 1 90-10-1012 U zico scba lazy susan 4.5 scba's 2				DISCOUNT		
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90-10-1019 U hydrant wrench w clamp brkt 107 1					1	
					2	
90-10-1020 U 20 abc ext w scba brkt/strap 1					1	
	90-10-1020	U		20 abc ext w scba brkt/strap	1	

04/10/2017	S	CTN CODE	DESCRIPTION	QTY	l D
PART NO	<u> </u>	STN CODE	DESCRIPTION		טו
90-10-1021	U		water pressure ext w scba brkt	1	
90-10-1022	U		20 gallons of class a foam	1	
99-10-1011	U		20 gallons of class a foam TFT hvitg11 pistol 15/16" tip Pr	2	
99-99-0001	Ü		Paratech hitch 22 796575	1	
99-99-0002	Ü		Paratech Monopod head pulley 22796540	1	
			paratech langua ar aturi 0ff		
99-99-0003	U		paratech longshore strut 8ft	1	