

# QUOTATION

W.S. Darley

**Quote For:**

1500 GPM Challenger Side Pumper  
CH002

**Ship To:**

md 3-29-05

**Exp. Date:** 04/28/2005  
**Quote No:** CH002-0003

**Create Date:** 03/29/2005

03/30/2005

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PART NO	S	DESCRIPTION	QTY	ID
		== Admin "EZ" Challenger - ==	1	WD
00-00-4100	S	> Cover Sheet (CH002)	1	WD
00-00-9500		Thank You For Your Consideration	1	WD
00-01-0000		---ADMINISTRATION SECTION---	1	WD
00-05-1000		Product Quality And Workmanship	1	WD
00-10-1100		> NFPA Compliance Not Required	1	WD
00-15-0600		> Payment Terms	1	WD
00-15-1500		-- -ITB - Payment For Chassis - Then Balance When Complete	1	WD
00-50-0600		> Drawing Requirements	1	WD
00-50-1000		-- - ITB - Apparatus Drawings W/Bid	1	WD
00-50-2000		-- - ITB - Apparatus Drawings For Approval	1	WD
00-55-0750		Warranty Requirements (Challenger)	1	WD
00-55-1450		-- Warranty Terms (Challenger Pumper)	1	WD
00-55-2200	>	-- - ITB - One Year Apparatus Warranty	1	WD
00-55-4800		-- - ITB - Lifetime Fire Pump Warranty	1	WD
00-56-0150		-- Body And Tank Warranty (Challenger)	1	WD
00-55-5500		-- - ITB - Life "Poly" Tank Warranty	1	WD
00-56-2000		-- - ITB - Ten Year Aluminum Body Warranty	1	WD
00-57-1550		-- - ITB - 10YR Paint Warranty - Aluminum	1	WD
00-57-5200	>	-- - ITB - 1YR Equipment Warranty	1	WD
00-68-0500		Manual And Data Requirements	1	WD
00-68-1500	>	-- - ITB - Document - 2 Construct Detail - 2 Operate Manuals	1	WD
00-80-0500		Chassis Supplied By	1	WD
00-80-1000		-- - ITB - Bidder Supplied Chassis	1	WD
00-80-2650	>	-- Chassis Handling	1	WD
		== Commercial Chassis Large (EZ) - ==	1	WD
05-00-0010	>	---CHASSIS SPECIFICATIONS (EZ)---	1	WD
05-11-1000	>	Freightliner M2 (4-Door) Chassis (12 & 23) SCBA	1	WD
		== Chassis Mod - HD Challenger Pumper - ==	1	WD
		---CHASSIS MODIFICATION SECTION---	1	WD
07-00-0000		Chassis Modifications	1	WD
07-00-1000		Chassis Modifications	1	WD
07-27-0250	>	Fuel Tank Door or Tank Coverings (See Upgrades)	1	WD
07-30-0500		Battery Switch Provided With Chassis	1	WD
07-30-4500		Battery Charging Receptacle - 12V (No Internal Charger)	1	WD
07-52-1000		Mud Flaps (Front) (2)	1	WD
07-52-2000		Mud Flaps w/Logo (Rear) (2)	1	WD
07-80-0200	>	Exhaust Terminate Ahead of Right Rear Wheels	1	WD
07-90-0500		"General" Back Up Alarm	1	WD
07-95-0500		Identification Data Plate - Drivers Compartment	1	WD
07-95-2000	>	Occupant Plate - Drivers Compartment	1	WD
07-95-4000	>	Travel Height & GVWR Label	1	WD
		== Side HD LDM (NO CAFS) - ==	1	WD
09-00-0050		---PUMP, MODULE, AND RELATED ITEMS---	1	WD
09-00-1400		---Side Control Module HD (NON-CAFS)---	1	WD
09-03-1000		-- NFPA 1901 Compliant Pump	1	WD

PART NO	S	DESCRIPTION	QTY	ID
17-00-1100		-- Pump Operation - Side Panel HD (NON-CAFS)	1	WD
17-04-5100		-- Pump Module - Side - Alum. Tubing HD (NON-CAFS)	1	WD
17-10-2000		-- Side Operated Pump Panel (HD & TFT)	1	WD
17-10-5100		-- Side Pump Panels - Black Vinyl	1	WD
17-30-0800		-- Black Vinyl Upper Gauge Panel - Vertical Hinge (Left)	1	WD
17-30-1800		-- Black Vinyl Upper Access Panel - Vertical Hinge (Right)	1	WD
17-35-2000		-- Color Coded Pump Labels	1	WD
17-32-1000		-- Light Shield - Left Pump Panel	1	WD
17-32-2200		-- Pump Compartment Lights (2)	1	WD
17-32-2500		-- Step Lights At Running Boards (One Each Side)	1	WD
17-32-3000		-- Running Boards - Treadplate/Side Panel	1	WD
17-32-4025		-- No Grip Inserts or Side Hosewells - Side	1	WD
10-00-2300		LDM Side Control Package	1	WD
10-12-5500		-- Pump System - LDM 1500 Single Stage	1	WD
10-90-1500		-- U.L. Certification 1500 GPM	1	WD
11-00-1200		-- Pump Shift - Dash Mounted Elec Over Air Switch	1	WD
10-44-3000		-- Anodes For Pump - (2) - LDM/EM/N -	1	WD
10-48-5700		-- Pump System Lock-Up On Chassis Transmission	1	WD
10-49-0100		-- Driveline Modification - Pump Installtion	1	WD
10-59-1000		-- Paint For Pump - Standard	1	WD
11-00-0000		-- Pump Operation Videotape	1	WD
11-01-2000		-- Primer - Fluidless - (1) Electric	1	WD
11-01-2800		-- Primer "ON" Light	1	WD
11-02-0500		-- Pump Discharge Relief - Pressure Governor	1	WD
17-64-5200	>	-- Pressure Governor - Darley AUTOCONTROL	1	WD
11-00-4400		-- Throttle Ready Indicator Light - Pressure Governor	1	WD
17-42-0300		-- Master Pressure Gauge - With Pressure Governor	1	WD
17-42-0400		-- Master Suction Gauge - With Pressure Governor	1	WD
17-71-0100		-- Engine Gauges & Alarms - With Pressure Governor	1	WD
11-02-4000		-- Relief Valve - Elkhart Intake	1	WD
11-04-1000	>	-- Heat Exchanger & Heated Pump Core System	1	WD
11-11-1000		-- Master Drain - Isolated Rotary Type	1	WD
11-11-5000		-- Individual 1/4 Turn Drains	1	WD
12-01-6000	>	-- Suction Inlets (Butterfly Upgrades Available) (6" & 5")	1	WD
12-03-8000		-- Suction Inlet - Left Side - 6"	1	WD
12-04-2000		-- Suction Inlet Cap (With Logo)	1	WD
12-03-8600		-- Suction Inlet - Right Side - 6"	1	WD
12-04-2000		-- Suction Inlet Cap (With Logo)	1	WD
17-35-1000		-- Pump ID Plate On Panel	1	WD
17-35-1200		-- Warning - Pump Operator	1	WD
11-10-1000		Plumbing System - General - Pumper	1	WD
12-07-1000	>	Suction(s) - 2-1/2" Left - Darley (Side Control)	1	WD
12-10-1000		No 5" or 6" Front Inlet Required	1	WD
12-13-6980		No 5" Rear Inlet Required	1	WD
12-18-0500		Tank To Pump 3" (Manual)	1	WD
12-19-2000		Integral Check Valve	1	WD
13-01-2000		Tank Fill - 2" (Manual)	1	WD
15-20-0400		Discharges- Two (2) 2-1/2" Left Side - Darley	1	WD
15-50-6150		-- Discharge Elbows - Chrome (2) (1-1/2" - 3")	1	WD
17-42-3300		-- Gauge - 2-1/2" Dia. Press -30 to +600 (2)	1	WD
15-30-0400		Discharges- Two (2) 2-1/2" Right Side - Darley	1	WD
15-50-6150		-- Discharge Elbows - Chrome (2) (1-1/2" - 3")	1	WD
17-42-3300		-- Gauge - 2-1/2" Dia. Press -30 to +600 (2)	1	WD
15-40-2100		Discharge - One (1) 2-1/2" - Left Rear	1	WD
15-50-6100		-- Discharge Elbow - Chrome (1) (1-1/2" - 3")	1	WD
17-42-3200		-- Gauge - 2-1/2" Dia. Press -30 to +600	1	WD
15-54-1100	>	Discharge - 3" Deck Gun Plumbing (Manual)	1	WD
15-58-1100		-- Mounting Flange - 4 Bolt (Akron/Elkhart)	1	WD
17-42-3200		-- Gauge - 2-1/2" Dia. Press -30 to +600	1	WD
15-68-2200		Crosslays - Two (2) 1-3/4" - 2" Plumbing (SIDE)	1	WD
17-42-3300		-- Gauge - 2-1/2" Dia. Press -30 to +600 (2)	1	WD
17-41-7010		Water Level Gauge - FRC Tank Vision - Operator Panel	1	WD

PART NO	S	DESCRIPTION	QTY	ID
		== Challenger HD Pumper Bodies - ==	1	WD
19-00-7100		> Challenger - HD Pumpr Body Construction (General)	1	WD
31-10-1000		-- Challenger ALUMINUM HD Pumper Body Const (Detailed)	1	WD
31-21-3100		-- 99" Wide Body (Challenger & CQ)	1	WD
31-28-1000		-- Compt Construction & Vents (Challenger)	1	WD
31-28-3000		-- Common Compartment Walls (Challenger)	1	WD
31-31-6100		-- Fenders (Painted) and Liners (Challenger)	1	WD
31-40-6100		-- Hose Bed Construction (Challenger & CQ)	1	WD
31-44-1000		>  -- Hose Bed Divider(s) - Adj Aluminum (No Handhold)	1	WD
31-48-0100		-- Dunnage - Front Bed (Challenger & Conquest)	1	WD
31-50-3000		-- Challenger Body - Fasteners	1	WD
31-51-5100		-- Body Treadplate And Trim (Challenger) Pumper	1	WD
31-51-5350		-- NFPA Tread On Compartments (Challenger)	1	WD
31-62-5100		-- Rear Tailboard 15" w/Grip Surface (Challenger)	1	WD
31-70-0500		-- Rubrail - Black Rubber - HD Single & Tandem	1	WD
31-80-4100		>  -- Folding Steps At Rear (6) (Three Each Side)	1	WD
31-92-1000		-- Rear Vertical Hand Rails (2)	1	WD
31-92-4200		-- Rear Crossrail - Horizontal (1)	1	WD
34-30-0010		> 153-10 CHALLENGER PUMPER BODY	1	WD
20-10-5200		-- 1000 Gallon Tank - Poly	1	WD
20-30-8050		-- Fill Tower In Left Front Tank Area	1	WD
20-30-9501		-- Tank Overflow - 4"	1	WD
31-18-1000		-- Subframe (Challenger HD Pumpers)	1	WD
31-19-1650		-- Rear Tow Eyes - Below Tailboard (2) (Challenger)	1	WD
31-31-6300		-- Fenderettes - Stainless - Single Axle (Challenger)	1	WD
31-41-1000		>  -- Hose Bed Capacity (Challenger & CQ)	1	WD
31-42-0100		-- Hose Bed Flooring - Aluminum	1	WD
34-32-1010		-- 153-10 Challenger Body Compartments	1	WD
34-33-1100		>  -- Rear Compt - Full High W/Roll Up Door (Narrow) (Challenger)	1	WD
35-19-0200		-- Satin Finish Roll Up Door (Rear)	1	WD
35-40-0110		-- 153-10 Challenger Roll Up Doors	1	WD
35-90-1200		-- Robinson Roll-Up Door Construction (Challenger)	1	WD
35-19-0101		-- Satin Finish Roll Up Doors (Side)	1	WD
37-10-5150		-- Ladder Rack - Hydraulic (Right) Center Arms	1	WD
37-10-2300		-- Ladder Capacity - 24 ft 2-Sec & 14 ft Roof	1	WD
37-10-2400		-- Ladder Capacity For One (1) Folding Ladder	1	WD
37-10-2650		-- Pike Pole Brackets (2)	1	WD
40-00-0000		---PAINT, STRIPING, AND LETTERING---	1	WD
40-10-1400		Paint - Alum & Stainless Bodies (Challenger)	1	WD
40-11-0500		-- Compt Interiors - Zolatone - Pumper	1	WD
40-11-3050		>  -- Paint Color - Match Chassis	1	WD
40-25-0200		> (*) Reflective Striping - Pmpr/Tnkr - Single Axle	1	WD
40-25-1000		-- 4" Reflective Stripe	1	WD
40-25-2000		-- Reflective Stripe Color - WHITE	1	WD
40-25-4000		>  -- Reflective Stripe Design - Straight - NFPA Height	1	WD
40-26-4100		> Reflective Material On Cab Door Interiors	1	WD
40-26-4125		-- Reflective On Cab Door Interior (2 Door)	1	WD
40-26-4300		-- Reflective Color - WHITE	1	WD
		== Electrical - HD Challenger Pumpers - ==	1	WD
50-00-0000		---12 VOLT ELECTRICAL SECTION---	1	WD
50-00-0700		> 12V & Multiplex System	1	WD
50-00-2700		> Master & Warning Light Switches - Custom	1	WD
50-01-0100		D.O.T. Running Lights	1	WD
50-01-0800		License Plate Holder & Light	1	WD
50-01-1000		Midship Turn Signal	1	WD
50-02-2000		Tail Lights - Whelen 600 Series 4 X 6 Halogen	1	WD
50-02-5000		-- 3 Light Bezel For Whelen Directionals	1	WD
50-03-0200		Step Lights At Rear (One Each Side)	1	WD
50-03-0800		Step Lights Front Body (One Each Side)	1	WD
50-05-4100		Compt "Strip" Lighting (ROM) (Roll Doors) HD	1	WD
50-05-5100		-- Door Open Switch and Warning Light - Roll Up Doors	1	WD
50-05-5500		-- "Do Not Move Apparatus" Light in Drivers Compartment	1	WD

PART NO	S	DESCRIPTION	QTY	ID
50-07-0600		> Ground Lighting (With Chassis)	1	WD
50-07-1000		Ground Lights - Pumper Module & Tailboard (4)	1	WD
50-09-1000		Lights - Unity Deck (2)	1	WD
51-00-1000		Warning Lights (HD Pumper)	1	WD
54-00-2000		-- Whelen - Complete HD Pumper Package #1H (halogen)	1	WD
54-10-1100		-- Whelen- Light Bar - 72" - Centurion	1	WD
54-20-1000		-- Whelen - Light Bar - Mounted on Cab Roof	1	WD
54-21-2200		-- Whelen - 72" Light Bar Lens - Red/Clear	1	WD
54-30-3050		-- Whelen - Lower A - (2) 600 Halogen - Front Cab or Grille	1	WD
54-32-1000		-- Whelen - Lower Zones A - Lens Color - Red	1	WD
54-40-0650		-- Whelen - Lower Zones B & D (600) 6" x 4" Halogen (6)	1	WD
54-42-1000		-- Whelen - Lower Zones B & D - Lens Color - Red - (6)	1	WD
54-60-0550		-- Whelen - Upper C - (2) RB6 Beacons & (1) Center 64 Halogen	1	WD
54-62-1150		-- Whelen - Upper C - Red Lens & Center Amber	1	WD
54-70-1400		-- Whelen - Lower Zone C - (2) 600 Halogens	1	WD
54-72-1000		-- Whelen - Lower Zones C - Lens Color - Red - (2)	1	WD
54-98-0000		-- Whelen - Certificate of Certification	1	WD
58-00-0610		Whelen Siren #295HFSA1	1	WD
58-09-1200		-- Mounting Location - On Top of Dash	1	WD
58-10-0200		> Siren Speaker - Thru Bumper (100W) (Each)	1	WD
58-10-9000		-- Siren Speaker - Recessed In Left Side of Bumper	1	WD
		== Equipment - "EZ" General - ==	1	WD
70-00-0050		Equipment to be Supplied	1	WD
70-00-1100		10 ft Duo #585-A Alum Fold Ladder	1	WD
70-00-7600		14 ft Duo #775-A Alum Roof Ladder	1	WD
70-01-2200		24 ft Duo #900A Alum 2-Section	1	WD
99-99-1100		Purchaser Responsibility (NFPA Not Mentioned)	1	WD