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HP 100 PLATFORM ORLANDO (FL) INTERNATIONAL AIRPORT FIRE RESCUE - ORLANDO, FL



SPECIFICATIONS

SO 141038

CHASSIS

- 78,000 lbs. GVWR
- 260" wheelbase with formed integral torque box frame
- 11'-9" +/-1" travel height
- 46'-10" +/-1" overall length
- E-ONE Cyclone® 67.5" extruded aluminum low travel height cab, Hansen lighted LED handrails, severe duty interior, IMMI® 4Front and RollTek air bags, rear engine cover storage cabinet, Bostrom® seating for six with IMMI® SmartDock SCBA brackets
- Cummins® ISX15 600 HP engine with Jacobs® compression brake and Allison® EVS4000P transmission
- Dana® I220W 24,000 lb front axle
- Meritor® 54,000 lb. rear axle with Ridewell® Dynalastic™ suspension
- 17" disc front and 16.5" x 7" S-cam rear with ABS and G4™ electronic stability control (ESC)

- 360 amp Niehoff® alternator, five Group 31 1000 CCA batteries and LED headlights
- 12,000 lb side receivers
- Alcoa® aluminum wheels, Michelin® tires- 425 front and 12R rear with M&S tread

BODY

- Extruded aluminum body with SideStacker™ hose bed and increased width turntable access staircase
- Rescue style extended height compartments ahead of rear wheels, enclosed wheel well storage for (16) SCBA bottles, Hansen lighted LED handrails, stokes basket storage
- Center mounted tunnel with 137' of ground ladders and 17' Little Giant® on body
- 300 gallon UPF Poly III water tank

PUMP AND PLUMBING

- Hale® QMAX 2000 GPM pump with 5" front intake
- Double crosslay with back board storage
- Akron® valves with stainless steel manifold

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PEOPLE AROUND THE WORLD EVERY DAY.
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AERIAL

- 100' Platform with 2.5 to 1 structural safety factor
- Welded extruded aluminum construction
- Crisscross under-slung outriggers (15'-6" jack spread)
- Rated capacity: 1000 lbs. + 305 lbs. equipment
- Dual TFT electric monitors with VUMs¹ and 2.5" outlets
- Aerial Information System (AIS), laser jack pad spotting lights, platform leveling in cab, envelope controls, six Whelen M6 LED warning lights, Whelen Pioneer LED lights, Amdor LED ladder climbing lights, Rigid Dually XL lights
- Breathing air system, lifting eye package, dual rope roller, axe in platform, two pike poles on base, 10' folding ladder bracket on fly, bracket for 14' roof ladder and saw box on base and stokes basket receiver

- Whelen[®] Mini-Freedom IV light bars, MCFLED upper rear warning lights, M6/M2 LED lower level warning lights
- Federal Signal Q2B siren, Powercall DX5200 siren and two Federal Signal ES100 speakers
- R-O-M™ V4 compartment lights, FireCom cab intercom system with remote head, FRC 3-way intercom, four Whelen Pioneer 12 volt scene lights
- Smart Power[®] 10KW hydraulic generator, two cord reels with 200' 10/3 cable, two Whelen Pioneer PCP3 120 volt LED scene lights and two L5-15 twistlock receptacles

ELECTRIC AND WARNING

- Weldon[®] V-MUX[®] Multiplex electrical system with dual Vista IV displays, GPS module, Link2 Vehicle Information System and Voyager[®] backup camera
- Vehicle Data Recorder with CrewGuard™ occupant detection

STANDARD WARRANTIES

- 5-year multiplex modules and aerial swivel
- 10-year cab, body, paint, plumbing and aerial waterway
- 20-year aerial structural
- Lifetime structural frame and water tank


GREATER ORLANDO AVN. AUTH.
ORLANDO, FL.
S.O. 141038 / QUOTE 80444
AERIAL BODY
CYCLONE II X CHASSIS
HP100 AERIAL PLATFORM

THIS DRAWING IS FOR REFERENCE PURPOSES. ALL DIMENSIONS ARE SUBJECT TO MINOR VARIATIONS DUE TO MANUFACTURING PROCESSES.
APPROVED FOR PRODUCTION
 DESIGNER: _____ DATE: _____

2000 GPM HALE QMAX PUMP		HOSE LOAD:	
270 GALLON WATER TANK		700' OF 4.00" LDH	
30 GALLON INTEGRAL "B" FOAM CELL			
COMPT.	OPENING	INTERIOR DIMENSION	
L1/R1	23W 48H	31W 28H 18D UPPER	48W 28H 18D LOWER
L2/R2	46W 60H	46W 54H 18D UPPER	48W 54H 18D LOWER
L3/R3	50W 18H	50W 18H 23D	
L4	52W 18H	52W 18H 20D	
R4	15W 32H	15W 32H 23D	
L5	15W 54H	15W 19H 18D UPPER	15W 39H 23D LOWER
R5	31W 20H	31W 20H 14D	
L6	50W 42H	50W 19H 18D UPPER	50W 27H 18D LOWER
R6	36W 32H	36W 32H 23D	
L7	15W 8H	15W 8H 23D	

GROUND LADDERS			
ITEM	LADDER LENGTH	MODEL NUMBER	QTY
A	35' 2-SECT.	PEL-35	2
B	28' 2-SECT.	PEL-28	2
C	16" ROOF	PRL-16	2 (ONE ON AERIAL)
D	14" ROOF	PRL-14	1 (ON AERIAL)
E	10' FOLDING	FL-10	1
F	LITTLE GIANT	MODEL-17	1

