



Hale Trailer Brake & Wheel
051560 - 051564



Barrel Description

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| MODEL | APX9 1200-1, High Gross, Aluminum, Pneumatic dry bulker, Interior ring, Non-code trailer. 102,000# GCVW |
| Code | Non-code |
| Capacity | 1200 cubic feet, 3 hopper |
| Compartments | One |
| Shape | Round with 45 degree discharge hoppers. Internal ring with smooth exterior. |
| Shell Material | Aluminum, .219" barrel, .249" end cone, and .250" upper hopper section. |
| Head Material | Aluminum, .219 heads |
| Operating Pressure | 15 PSI |
| Design Temperature | 125 Degrees F. |
| Overall Length | 43'9" |
| Product | Various; to be compatible with the materials of construction. |

Other Barrel Information

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| Material Finish | Mill Finish |
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Construction

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| Front | Front endframe, 1/4" Carbon steel channel, bolted to center frame. |
| Rear | Rear endframe, 1/4" Carbon steel channel, bolted to center frame. |
| Center | Aluminum extruded channel. |
| Struts | Aluminum extruded double struts at front of trailer and single at rear. |

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| Manhole | 2 | MM4220, 20" aluminum cover, six hold-down with nylon wear plates and additional safety retainer. |
| * Gasket | 3 | White neoprene gasket in cover, non-toxic. |
| Manhole Hinge Location | | Manhole covers hinged to curbside of trailer. |

Hose Carriers

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| * Hose Carrier | | Aluminum tube 8" diameter x 21' long |
| * Hose Carrier | | 8" aluminum door, at rear |
| * Carrier Location | | Mounted roadside rear |

Lights and Wiring

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| Lights | | 12-volt, Truck-Lite LED grommet mount lights. Combination center marker / turn signals. |
| Wiring | | Plug-in style harness system. |
| Rear Lights | | Enclosed in stainless steel light boxes |
| * Extra Lights | | Truck-Lite grommet mount LED Super 44, 6 diode, Round single stop light grommet mounted on head. |
| * Extra Lights | | Truck light #81360, LED work light. No switch included with this option. One mounted at base of rear head, Curbside. |
| * Extra Lights | | Master switch to operate all work lights or spot lights. Installed in the control box. |
| Nose box | | Standard 7 way, J560 receptacle without circuit breakers. |

Undercarriage

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| Upper 5th Wheel | | 3/8" Heavy duty with A.A.R. style double hubbed kingpin. |
| Paint | | Fifth wheel plate painted black. |
| Landing Gear | | Holland Atlas 55 2-speed |
| Bracing | | Stainless steel, with cross brace. |
| Crank location | | Roadside |
| Tire carrier | | None. |
| Suspension | | Hendrickson Intraax AAT25K, 25000 lb., tandem axle with standard 49" axle spacing. 5 3/4" diameter Hendrickson integrated axles. |
| Dump valve | | AK-54 automatic |
| Hangers | | Carbon steel hangers. (Suspension requires paint.) |

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| * Suspension | Polar load scale system. Liquid filled seal fast pressure gauge, 0 to 100 PSI, connected to air springs and mounted in gauge box. Scale operates when bags are inflated, no intermediate control. PSI to pounds conversion chart mounted on gauge box door. (Note: Gauge box is not included with this option. See cabinet section for box.) |
| Bumper | No bumper provided. |
| Under-ride Protection | None (no under ride required, Wheels back exempt.) |
| Beam | Straight |
| Track | 71-1/2" track |
| Spindle | OEM Standard P spindles (parallel) same inner and outer bearing |
| Wheel seals | OEM Standard |
| Hub & drums | Ready to Roll, Dura-light Hub with Cast Drum, Semi Fluid Grease |
| Miscellaneous | None |
| Brakes | OEM Standard |
| * Anti-lock / Roll stability | Wabco 2S/2M. Standard roll stability system deleted, per customer request. |
| * Brake chambers | TSE 3030 long stroke |
| * Brake lining | 26K extended service. |
| * Slack adjusters | Meritor automatic 6" |
| Valves | OEM Standard |
| Gladhands | Gladhand, Phillips Quick release. |
| Air system | To D.O.T. specifications, single aluminum tank system, 2800 Cu. In. |
| * Wheels | 24.5 x 8.25 steel disc |
| * Tires | 11R-24.5 Dunlop SP160 16-ply radials NOT GHG2 COMPLIANT. |
| Mud flaps | White plastic with Polar logo, mounted front and rear. |
| Front | Aluminum contour |
| Rear | Aluminum contour |

Hose hook

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| Hose hook | Adjustable hose hook mounted at front of trailer with 3" dummy adapter on curbside. |
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Jumper Hose

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| Jumper Hose | None. |
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Valving and Piping

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| Seal provisions | | None |
| * Discharge valves | 3 | 5" Pelican #V-200-A-AL-DI-BN-05500 butterfly valves with aluminum body, Iron disc, stainless steel stem, and black Nitrile seat. |
| * Discharge tee | 3 | 5" X 4" steel. Requires all in one coupler at front tee and rear discharge. |
| * Piping | | 4" mild steel schedule 80 between hoppers, ending at last hopper with 4" aluminum adaptor and cap. |
| * Piping | | 4" mild steel discharge, under the axles, ending at the rear of the trailer. |
| * Pipeline connectors | | 4" Allegheny aluminum groove type couplers mounted between hoppers, Allegheny aluminum coupling forward of first hopper. |
| Adaptor | | 4" aluminum male adaptor. |
| Cap | | 4" aluminum dust cap |
| * Air inlet | | 3" Aluminum on roadside with front elbowed upward ending with 3" thread. One (1) 3" Pelican #200 proportioning valve with aluminum body, ductile iron disc and black Nitrile seat. |
| * Check valves | | Two 3" BTI Optima flanged check valves, one forward of first hopper, one near front of air inlet line. |
| Adaptor | | 3" aluminum male adaptor. |
| * Aeration | | 3" Aluminum aeration line on curbside controlled by 3" Pelican #200 series butterfly valve with aluminum body, aluminum/bronze disc and black Nitrile seat. Three (3) Solimar aerators per hopper, with stainless steel hopper savers. |
| * Location | | Aeration mounted curbside. |
| * Blowdown | | 3" aluminum pipe and 3" Pelican #200 butterfly valve, with aluminum body, ductile iron disc and black Nitrile seat. |
| Relief Valve | | 2" Aluminum Bayco pressure relief valve mounted near top of tank in blowdown line. |
| Top Air | | None. |
| * Pressure | | Liquid filled, Pelican, one for line pressure, one for tank pressure, enclosed in aluminum gauge box with light, located roadside, ahead of ladder, facing forward. |
| Delivery Hose | | None. |
| Adaptor | | None |
| Adaptor | | None |

Walkway and Ladder

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| Top center | Non-skid tape, full length of barrel |
| Toe rail | 1 1/4" aluminum pipe each side of walkway, full length |

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| Ladder | Aluminum tubular with large platform step, bolt on |
| * Ladder Location | Mounted at rear head, centered. |

Cabinet

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| Cabinet | None. No Cabinet installed. |
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Miscellaneous

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| Decals | Standard warning and safety package. Decals in English. |
| Conspicuity Tape | Discontinuous tape |
| Customer Logo | None |
| Document holder | Truck Lite #97960 |
| Placards | None |
| Paint | Polyurethane on all carbon steel parts, black. |
| Interior Cleaning | Class I, as welded. Note: Interior cleaning is recommended prior to initial loading to avoid possible product contamination. |
| Warranty | Polar standard two year. |
| Tests | Standard testing. |
| Drawings | None. |

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.