



Specifications - AF-1080, AF-1090

LENGTH

Available in 40'-0" through 53'-0" overall length(s) in even one-foot increments.

WIDTH

Nominal 96" standard; 102" width available as extra-cost option.

HEIGHT

56-1/4" - no load on 11-24.5 tires.
55-1/16" loaded on 11-24.5 tires.

KING PIN

8" high assembly. Standard setting is 30". Other settings available.

LANDING GEAR

Holland Atlas 55, 2-speed, located 145" from front of trailer; aluminum braces are standard.

FRONT

6-1/4" high extruded aluminum channel; 2-piece front channel standard with cast mitered corners. Extra stake pockets are available as an extra cost option.

SPARE TIRE

Optional at extra cost.

SIDES

TJ-style side rails are 6-1/4" high extruded aluminum channel incorporating a "Quick Tie" load securement system. Stake pockets are 3-1/2" wide x 1-5/8" deep x 4-1/2" high on 18" centers. (24" centers are optional.) Integral to the side rail is a double "L" winch track for sliding winches. Patent pending. (C-style side rail optional.)

MAIN BEAMS

I-beams are fabricated of 3-piece aluminum consisting of extruded top and bottom flanges in addition to the web. The AF-1080's main beams are 10-9/16" deep at the front and 18" deep at the rear. The AF-1090 has a beam depth of 10-9/16" at the front and 18" deep at the rear. The trailer crown is cut into the web section and the center depth varies with trailer model: Std. AF-1080 has a 23" deep beam, AF-1080SS has a 27" deep beam, AF-1090 has a 29" deep beam.

CROSSBARS

Extruded aluminum T-J type, 4-1/2" high, on 18" centers. 12" and 15" center spacing full length are optional.

FLOORS

1-3/8" aluminum floor with 4 nailer strips is standard.

REAR END

Extruded aluminum rear end with two horizontal rubber bumpers. R.I.G. Bumper: aluminum tube construction is standard. Rear Stake Pockets: (4) aluminum, 3-1/2" wide x 1-5/8" deep x 4-1/2" high, flush with top of channel.

MUD FLAPS

Black rubber, anti-spray/anti-sail type is standard.

LIGHTS

System: 12 volt I.C.C. standard equipment with 7-way connector. Grote internal ground wiring harness with Ultra-Blue sealed trailer wiring system and Grote LED lights are standard. Exterior lights are Grote MicroNova™ oval grommet mounted lights. Combination Turn/Clearance lights is standard. Tail lights are Lexan, factory sealed, and rubber grommet mounted, and consist of 2 groups of 3 individual STOP & TURN tail light units: one group on each side of rear end. Clearance & marker lights, conspicuity tape, and license plate light are standard. See Light Standard Bulletin.

SUSPENSION

Hendrickson AANT-23K air ride is standard. The standard axle spread is 10'-1" (3.07m). Various axle spreads are available as options.

AXLES

Two: 5-3/4" round, rated at 23,000 lb. (10,215 kg), integral with suspension.

BRAKES

16-1/2" x 7" x 5/8" with HXS extended service brake package, single anchor pin, air brakes, no dust shields. Mandatory FMVSS-121 and ABS anti-lock braking system standard.

HUBS

Dura-Lite, steel.

DRUMS

Cast steel, outboard mount, hub-piloted, with Federal Mogul severe service oil seals.

WHEELS

Eight, 8.25 x 24.5, white, steel disc.

TIRES

Eight 11-24.5 Radial Bridgestone R196.

FINISH

All steel components are cleaned chemically, rinsed, and primed with a VOC-compliant, two-component urethane HS primer for rust protection, followed by a finish coat application of VOC-compliant HS acrylic urethane paint in a choice of Silver, White, Black, Dark Blue, or Red standard colors. All aluminum components are left natural.

OPTIONAL

BACKUP WARNING SYSTEM

Backup warning system consisting of audible alarm and two white lights automatically activated by reverse movement.