

Technical Specifications ■

Navigator® Air Stack Chair

November 2012

Seat and Backrest

Seat is a two-piece construction with a molded polypropylene liner with a molded compound curved polypropylene shroud with a textured finish. Seat is always upholstered. Foam (1½") is applied to the molded polypropylene liner. Fabric is then upholstered over the foam. Backrest frame is molded glass-reinforced nylon. Mesh fabric is 100% polyester. Seat and backrest are field-replaceable.

Back/Arm Supports

Two welded steel backrest supports attach the backrest to the Navigator mechanism. If so equipped, optional armrest structure is integral to the backrest support. Armcaps are polypropylene and are field-replaceable.

Navigator Mechanism

The back flex is achieved by the Navigator mechanism. It consists of two flat Navigator springs captured at both ends by steel bushings that are welded to the backrest supports. The Navigator mechanism creates gradually increasing resistance over the full 12° of back flex.

Full Sled Base Frame

The sled base frame consists of two segments of ¾" 16-gauge seam welded tubular steel and two steel seat supports.

Four Leg Frame

The four leg frame consists of two U-shaped sections, one front and one rear, welded together with two support brackets to form the four leg chair. The sections are formed of 15/16" 15-gauge seam welded tubular steel.

Leg Finishes

Baked-on, electrostatically-applied powder-coating, or bright nickel-chrome plating.

Tablet Arms - Standard

5/8" 11-ply plywood tablet with high-pressure laminate surface and lacquered edge. Tablet arm support matches frame color. Seating clearance is 13½". Standard tablet measures 19½" long and 12¾" wide.

Transport Dolly

Tubular and plate steel welded together. 5" casters; two fixed, two swivel. Powder coated finish. Two distinct dollies are available; one for full Sled Base, and one for Four Leg.

