



Specifications

The VOILÀ SERIES offer several models of chairs and armchairs with three seat sizes and two backrests heights: low (L), high (H), models on sleigh base or on central base. The seat is built according to the A.D.I. patented "suspension" technique.

The seat is made of $\frac{5}{8}$ " diameter (16 mm) 14 gauge bent steel tubes. The seat frame includes two $\frac{3}{16}$ " thick (5 mm) steel plates welded to the tubes to which are fastened the armrests, the sleigh base when so equipped, and the 12 gauge (2.7mm) ribbed galvanized steel bridge required for the central base version

The seat frame includes widthwise, when required, a $\frac{1}{4}$ " thick x 2" flat steel (6 x 50 mm) welded to the tube to which the fixed backrest support is fastened. This steel plate is not included on the seats of chairs which have an adjustable backrest.

The backrest frame consists of 2, 18" long x 2" wide (51 x 457 mm) aluminum casting cross-members, joined together by 2, 1" x $1\frac{1}{2}$ " 14 gauge rectangular side tubes. The backrest support consists of 2, $\frac{3}{4}$ " diameter x 36" long (19 x 914 mm) 14 gauge steel tubes. They are welded together at one end and clamped to the aluminum back frame and screwed under the seat. A flexible woven plastic belt is slipped onto the seat frame and pulled taut.

A high resiliency colored polyester knit is tensioned over the back frame and held firmly into place by tension rods at the top and bottom of the aluminum casting. A foam shock absorber is inserted between the knit and the metal frame to protect the knit. The seat surface consists of a moulded cushion $2\frac{1}{4}$ " (57mm) of fire retardant urethane foam.

Fabric, vinyl or leather covers complete the seat upholstery and are held in place with zippers located under the seat. Polyester knits in a variety of colours are available for the backrest.

The adjustable arms (96) on central base models are attached to the seat with $\frac{1}{4}$ " screws through a $\frac{3}{16}$ " thick (5 mm) steel mounting plates over a nylon resin slide block in one of 2 possible positions. These arms are adjustable in height and

width. The soft polyurethane arm pad pivots, and is adjustable in length and width.

Sleigh bases are made of 1" diameter (25 mm) 14 gauge tubular steel reinforced at the front lbows with $\frac{3}{4}$ " diameter (19 mm) 14 gauge steel tubes. They are fitted with four glides.

The sleigh base, mechanisms and arms are screwed under the seat.

All welds are the G.M.A.W type.

All models are equipped with a 25" diameter (635 mm) base with 5 nylon resin $2\frac{1}{8}$ " diameter (54 mm) hooded double-wheel casters. A cast aluminum base is available as an option.

Colors and finishes

Bases, casters, telescopic covers, backrest supports and seat mechanisms are finished in black. A polished aluminum back with a chromed back bar is optional. The sleigh base models with or without arms are available in black (standard) or in chrome.

Seat slider option

A spring loaded seat slider may be installed between the control and the seat. It provides an adjustment of +2" and - $\frac{3}{4}$ " from the standard position.

Air lumbar

A height adjustable lumbar support may be installed on the back. The lumbar is equipped with an air pump for depth adjustment.

Headrest

A height adjustable headrest with an air pump for comfort may be installed on the backrest.

Dimensions

Models equipped with adjustable arms 96.

a : 24" (610 mm)	d : 18" (458 mm)
b¹ : 26" (660mm)	e* : 19 $\frac{1}{2}$ " (495 mm)
c¹ : 36" (914mm)	h¹ : 20" (508mm)
c² : 38 $\frac{1}{2}$ " (980 mm)	h² : 22 $\frac{1}{2}$ " (571mm)
c³ : 45" (1143 mm)	h³ : 31" (787mm)

e* : distance between armrests

Width of seat : 20 $\frac{3}{4}$ " (527 mm)

Models without arms on sleigh base:

Width: 22" (559 mm)

Depth: 23 $\frac{1}{2}$ " (597 mm)

Dimensions may vary depending on how the seat is adjusted and what type of material is used.



ART DESIGN INTERNATIONAL

3450, 1ÈRE RUE, ST-HUBERT (QUÉBEC), CANADA J3Y 8Y5
 TEL. (450) 926-1004 1-800-663-6794 FAX (450) 926-0013 1-888-407-6435
 e-mail : info@adi-artdesign.com