



**Model** 9101MHD - Heavy Duty, Tailor Lounge Freestanding, Medium Back, Single Seat With Arms

**Dimensions**

Seat Height	18.0	Total D	30.0
Seat Width	23.0	Total W	29.5
Total H	33.0	Arm Height	24.5

**COM Yardage**

Based on pattern repeats less than 5 in. x 5 in.

Unit	4.75
Seat Yardage	1.25
Back Yardage	1.50
Arm Yardage	1.00



**Options:**

Arm Caps	Polyurethane
CAL 133	

**Frame construction HD** The frames are made from fully welded 14 gauge steel, with steel support stretchers. The build does not allow for connected configurations.

**Seat HD** A 0.75" thick plywood structure with elastic webbing across the center adds suspension to the part of the seat most commonly interacted with, topped with high-resiliency molded foam (see Foam). Seat upholstery is stapled into place along a disciplined edge, and covered with a steel plate. Seats can be easily removed or replaced as needed by way of four tamper proof bolts (per seat) underneath the frame.

**Back HD** CNC cut plywood panels create a structural box for the back, which is covered by high-resiliency molded foam (see Foam) to create comfortable upper back and lumbar support. Upholstery is pulled over a disciplined edge at the bottom of the back. The structural box for the back has metal plates attached to it so that the connection between back and frame is metal-to-metal, ensuring longevity and stability of the product. The back can be easily detached from the frame as needed by way of four tamper proof bolts.

**Foam** Foam is formulated to displace 25% of the existing non-renewable petroleum material with a sustainable plant based substitute without changing the physical properties, comfort, and longevity of the foam. The molded foam performs as regular based cut foam and provides a density of 4.2 PCF while the slab cut foam provides a density of 1.8 PCF.

**Flame retardancy** Foam provided is compounded to meet specifications of the Federal Motor Vehicle Standard MVSS302 and California Bulletin No. 117 (TB117-2013).

**Arms HD** Arms are constructed of plywood with spacer blocks made from polyamide (PA 6 GF30). The blocks also provide attachment points for the optional arm cap hardware, ensuring consistent positioning and ease of arm cap installation/replacement. The arms are covered in hi-resiliency polyurethane slab cut foam followed by the upholstery which is pulled tightly to the curved profile. The arm panels bolt both to the seat and the frame for added strength.

**Roto-molded foot** One piece rotationally molded highly durable Polyethylene (LDPE) with ultraviolet light stabilizers. Provides a tamper proof, water proof, durable base for the chair, with non-removable inserts for optional glides.