

PRODUCT SPECIFICATIONS ■

Dōni™ Guest Chairs

November 2020

TECHNICAL SPECIFICATIONS

Seat Shell and Backrest Articulation Mechanism

The backrest and seat are injection-molded polypropylene. The seat and backrest are joined by a pair of hidden articulation mechanisms, each consisting of a 14-gauge steel housing, twin 7-gauge levers and steel coil springs. While maintaining a one-piece shell appearance, this mechanism allows the backrest to recline up to 17 degrees of motion.

Optional Upholstered Seat and Back

Urethane foam is attached to an injection-molded polypropylene liner board, then upholstered using a draw-string process. Seat foam is molded nominal 1" thickness, and back foam is nominal 1/2" thickness. The flush-head fasteners that attach the back pad are color-matched to the polypropylene.

Wire Tower Base

A seat ring is made of 1/2" diameter steel wire and attached to the seat with 14-gauge steel brackets. Legs are 7/16" diameter steel wire, fully gusseted with 5/16" diameter wire. All joints are welded and frames are finished in bright nickel-chrome plating.

Wood Leg Base

The seat plate is die-cast aluminum, finished with baked-on electrostatically-applied epoxy powder-coat paint. Legs are turned from Beech, stained, and clear-coat finished. A steel insert with tapped end is inserted and pinned in each leg, then each leg assembly is attached to the seat plate with one 1/4"-20 screw. X-brace is made of two zinc plated steel cable assemblies that attach to the legs with #10-24 screws.

Tapered Steel Leg Base

A seat ring is made of 1/2" diameter steel wire and attached to the seat with 14-gauge steel brackets. Inner leg wires are made of 1/2" diameter steel wire and are plug welded to tapered tubular legs. All joints are welded and the frames are finished in either baked-on electrostatically-applied epoxy powder-coat paint or bright nickel-chrome plating.

Fourstar Swivel Base

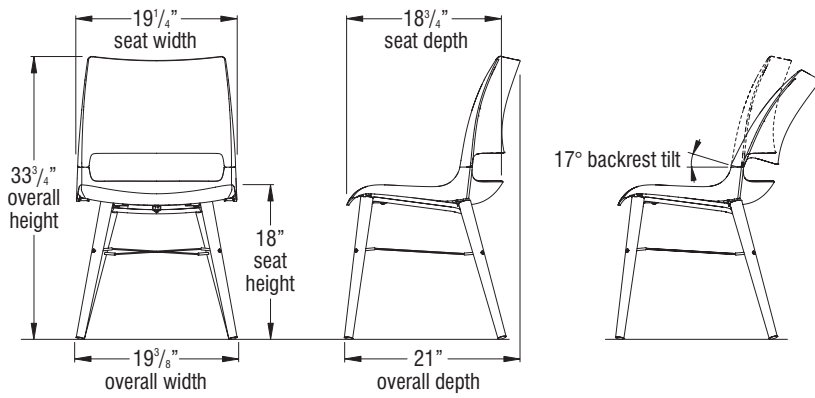
The under-seat support structure is a die-drawn 12-gauge steel plate. A 3/4" diameter steel pin is welded to the seat plate, allowing the seat to swivel on a nylon bushing housed in the base. Seat structure is finished with baked-on electrostatically-applied epoxy powder-coat paint. The fixed-height base is constructed of a polished die-cast aluminum fourstar base and a chrome-plated steel tube column.

Glides

The tapered steel legs and wood legs are equipped with swivel glides in a bright steel finish. The floor contact surface on the tapered steel leg is steel, and on the wood legs is natural nylon. The wire tower base can be equipped with black nylon or felt glides. Fourstar swivel base is equipped with black nylon glides only.



DIMENSIONS



CODE COMPLIANCE



STATEMENT OF LINE

All models are available in polypropylene seat/backrest, upholstered seat/ polypropylene backrest, or upholstered seat/backrest.



DNX100



DNY100



DNW100



DNZ100