

PRODUCT SPECIFICATIONS ■

Dōni™ Stack Chairs

January 2020

TECHNICAL SPECIFICATIONS

Seat Shell and Backrest Articulation Mechanism

The backrest, seat, and shroud 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.

4-leg and Caster Frames

Legs are made from 7/8" O.D. by 13-gauge tubular steel. A single ring of 1/2" diameter steel wire forms the crossmember. All joints are welded. An optional wallsaver configuration is available. The wallsaver configuration maintains 1/2" gap between backrest and wall by locking the backrest mechanisms in the upright position.

Sled Frames

Sled side frames are made from 3/4" O.D. by 13-gauge tubular steel. A single ring of 1/2" diameter steel wire forms the crossmember. All joints are welded.

Frame Finishes

Frames are finished in either baked-on electrostatically-applied 30-degree gloss epoxy powder-coat paint, or bright nickel-chrome plating.

Arms

Optional armrests are available. When equipped with arms, the support structure is a continuation of the rear leg, finished to match the frame color. The armrests are injection-molded glass-reinforced polypropylene. Arm color matches the frame finish, (except Chrome, hammertone, and metallic finishes; which match the outer shell poly color). The steel frame tube is inserted into a socket molded into the armrest, and secured with a screw.

Glides

4-Leg Chairs

The bottom ends of the leg tubes are formed to be vertical where they meet the floor and the glides are pressed into them. Three glide options are available; felt, plastic, and steel. Felt and plastic glides have a swivel base and have easy-on/easy-off replaceable caps, which makes field replacement easy and efficient (plastic & felt caps are interchangeable). Steel glides have a non-swivel base and do not have interchangeable caps. No color options are available for glides.

Sled Base Chairs

Three glide options are available; non-skid, plastic, and steel. Non-skid glides are molded in two shots with a high impact ridged PVC upper and a flexible PVC base. Plastic glides are injection molded polypropylene. Steel glides are two-part construction consisting of a plastic housing with a stainless steel insert for the base. Glides are attached to the chair frame with one screw each. No color options are available for glides.

Casters

4-leg chairs may be ordered with casters instead of glides. Casters are 50 mm O.D., double-wheel high-impact thermoplastic, available with hard or soft wheel surface, in black only.

Gangers

Optional gangers are available on armless 4-leg and sled base chairs only. Gangers are made of chrome-plated 3/16" diameter steel wire, mounted to the chair with an injection-molded nylon hub.



TECHNICAL SPECIFICATIONS

Transport Dolly

Frame construction is welded tubular steel with black powder-coated finish and 5" wheels (two swivel and two fixed). The dolly fits 4-leg or sled base chairs and has a capacity of twelve poly chairs or six upholstered.

ChangeUp™ Tablet Arm

ChangeUp tablet support is integral to the chair frame and consists of a $\frac{7}{8}$ " diameter solid steel rod welded to the front and rear support tubes. A three-piece molded plastic armrest is included and attached to the chair frame using a #10 x 2 $\frac{1}{2}$ " Phillips pan head tapping screw.

The tablet mechanism consists a die-cast aluminum housing, upper and lower plastic bearings, and 11-gauge steel clamp and tablet board support plates. The tablet mechanism is clamped onto the chair frame over two plastic bushing halves and a $\frac{5}{16}$ " diameter by 1 $\frac{3}{4}$ " hardened steel pin with a die-cast aluminum cap secured with two $\frac{1}{4}$ -20 x $\frac{3}{4}$ " button socket head cap screws. The pin creates a solid 90° up/down pivot stop and the bushings provide a smooth, quiet operation. In the use position, the tablet mechanism rotates outward from the chair back an additional 20° and permits approximately 3 $\frac{1}{2}$ " of adjustment for ingress/egress without stowing the tablet.

The tablet worksurface is 21" wide by 13 $\frac{1}{2}$ " deep (235 square inches) is secured to the tablet board support plate with twelve #12 x $\frac{5}{8}$ " Phillips flat head tapping screws. The tablet board is made of 18 mm Baltic Birch plywood with .040" high-pressure laminate top surface and .02" thick phenolic backer surface for an overall board thickness of approximately $\frac{3}{4}$ ". Edges are lacquered with a clear finish and sealed. The factory installed tablet assembly is not field installable and may not be removed.

Compliance

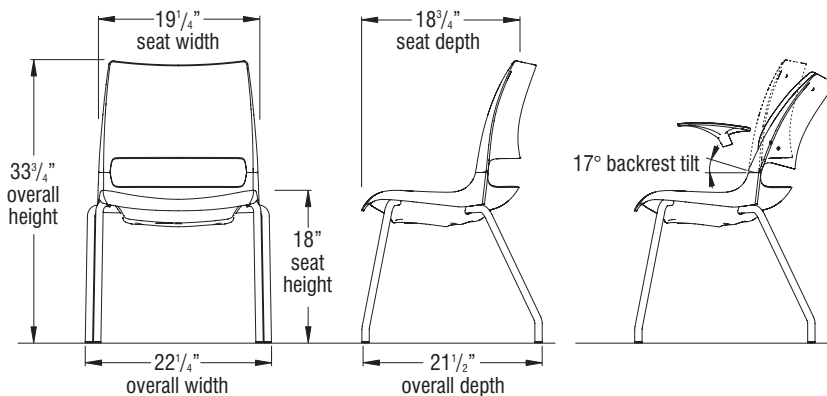
Support frame, mechanism and worksurface passes KI's internal testing for 250-pound weight capacity.

CODE COMPLIANCE

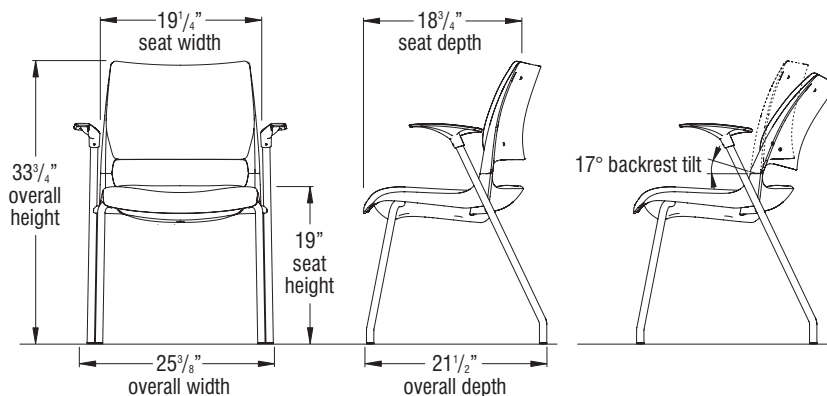


DIMENSIONS

Doni 4-Leg Armless Chair

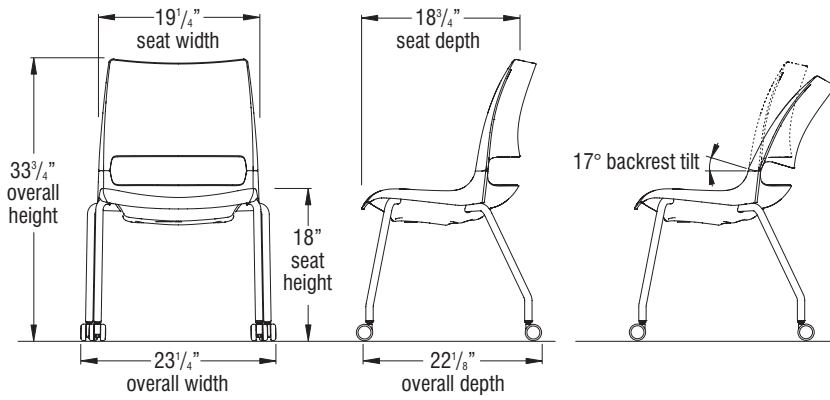


Doni 4-Leg Armchair

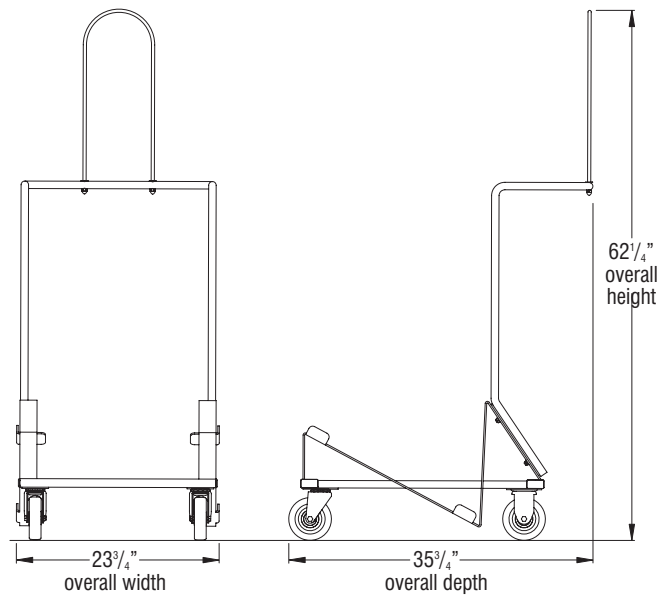


DIMENSIONS

Doni 4-Leg Armless Chair with Casters

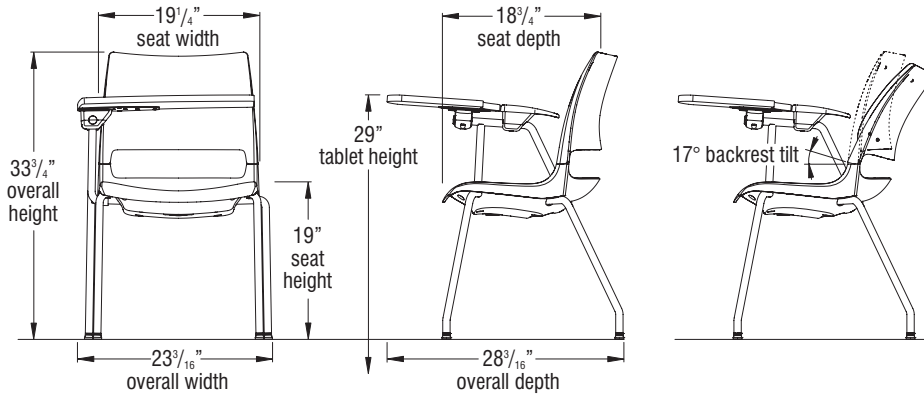


Dolly

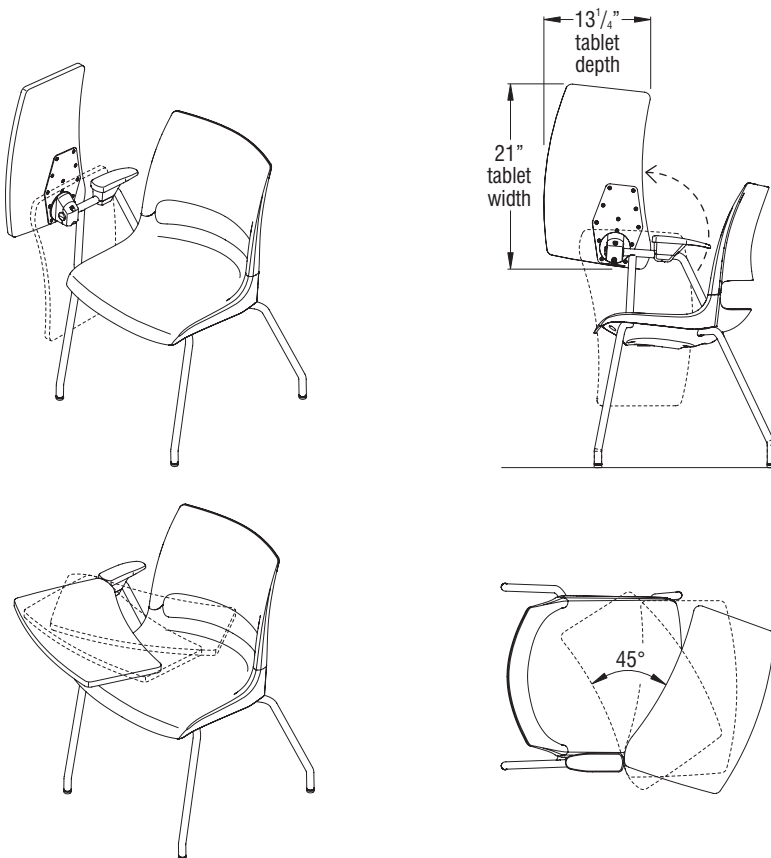


DIMENSIONS

Doni 4-Leg ChangeUp Tablet Armchair with Glides



ChangeUp Tablet Arm



STATEMENT OF LINE

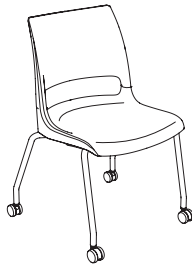
All models are available in polypropylene seat/backrest, upholstered seat/ polypropylene backrest, or upholstered seat/backrest.



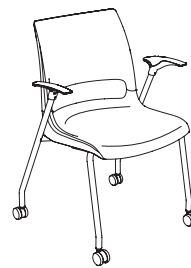
DN1100



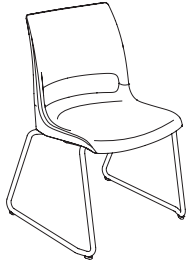
DN1111



DN2100



DN2111



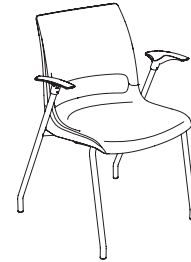
DN3100



DN3111



DNC100



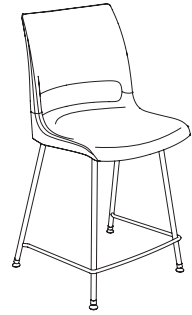
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DNH100



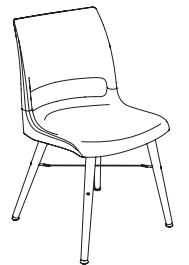
DNJ100



DN4100H24



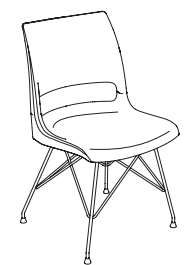
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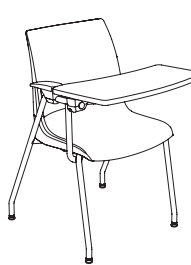
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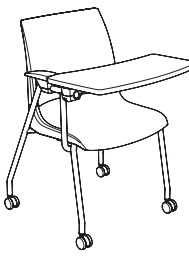
DNY100



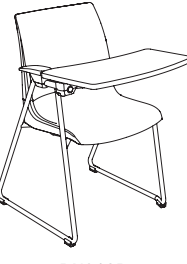
DNZ100



DN119R



DN219R



DN319R

CODE COMPLIANCE

BIFMA
INTERNATIONAL

SCScertified™

INDOOR AIR QUALITY
Indoor Advantage | Furniture
GOLD

