PRODUCT SPECIFICATIONS

Learn2® Seating

May 2016

Frame

Frame shall consist of 14-gauge, 1" diameter steel tubing bent and welded to a 13-gauge steel stamped seat plate and finished with baked-on powder-coat paint. The chair frame shall be topped by two aluminum die castings with a baked-on black powder-coated finish. Castings support the chair seat and provide a means of rotation of the tablet about the seat.

Shell

Dōni™

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 is available. 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.

Under-seat structure is a die-drawn 12-gauge steel plate. Structure is finished with baked-on electrostatically-applied 30-degree gloss epoxy powder-coat paint.

The Doni shell is designed by Giancarlo Piretti.

Intellect Wave®

One-piece contoured shell shall be made of high-impact polypropylene. Colorfastness ensured through complete color impregnation throughout the molded part. Strength and durability shall be assured through an engineered internal structural cavity which eliminates the need for unsightly ribs on the back of the shell. Shell shall have rolled edges for comfort and strength, textured front and back, with a wide, ergonomic handle molded into the chair back. Shell fastens to the chair by a 12-gauge formed steel plate with six Torx screws.

Optional upholstered chairs have partially exposed polypropylene surfaces. Fabric is upholstered over $^{9}/_{16}$" foam on the seat and fastened to an inner shell with screws.

Strive®

Injection molded polypropylene back with integral steel cantilever springs. The combination of the slotted polypropylene back and the spring steel provides a supportive flexing back. Springs are nominal 4.5mm diameter chrome silicon valve spring wire. Injection molded polypropylene seat shall be secured to the chair by a 12-gauge formed steel plate.

Optional upholstered seat - molded urethane foam is attached to an injection molded polypropylene seat board, then upholstered using a draw-string process. The assembled seat pad is attached to the seat by means of hidden fasteners.

Optional arms - when equipped with optional cantilever arms, the supporting structure is $^{7}/_{8}$" diameter by 13-gauge tubular steel, welded directly to the seat support structure, and matching the seat and back color. The armcaps are injection-molded glass filled polypropylene matching the seat and back color. The armcaps are attached to the steel structure by means of screws.

The Strive shell is designed by Giancarlo Piretti.

The chair shell (either option) swivels a total of 55 degrees (27.5 degrees each way from center) for ease of entry and exit.

Surface Support

The worksurface shall be supported from the chair frame by a formed and welded support tube made from 1 1/8" diameter, 14-gauge steel. The worksurface shall be supported from the support tube by an aluminum gusset die casting with a black powder-coated paint finish. The support tube rotates around the chair seat a total of 220 degrees (110 degrees each way from front-center). A 1/2" thick steel plug shall be drilled, tapped, and welded into the end of the support tube. The worksurface shall be structurally secured to the support tube with Grade 5, 3/8-16 bolt, held in place with an epoxy patch.

Surface Mechanism

The gusset die casting shall rotate about the support tube by means of a plastic bushing connection, rotating a total of 154 degrees around the support tube (77 degrees each way from center). The worksurface shall slide back and forth for a total of 6" of straight in and out movement. The sliding motion shall be accomplished with an aluminum extruded rail and plastic bushing mechanism.

Surface

The worksurface shall measure 13" x 21 1/2" for a writing surface area of 280 square inches.

Plastic

The writing surface of the plastic worksurface shall be injection molded ABS and shall include two pencil grooves and a thumb guide. The understructure of the plastic worksurface shall be injection molded nylon with fiberglass reinforcement filling. Top surface available in Black, Flannel, or Warm Grey; bottom understructure is black only.

Laminate

The laminate worksurface shall be 18mm thick Baltic Birch plywood core with .040" laminate face and .020" paper backing sheet. The edge of the wood surface is shaped and sanded with a sealed and clear coat lacquered finish. KI standard laminates available; see Color Addendum.

Optional Accessory Racks

Standard and Cupholder Accessory Racks - Racks shall be constructed of 14-gauge perforated steel wrapped with 1/4" diameter steel wire and welded to the frame. Optional cup holders shall be made of a 1/4" diameter steel wire welded with an 11-gauge flat metal round trim plate to the steel racks. Accessory racks (with or without cupholder) are not field installable or retrofittable.

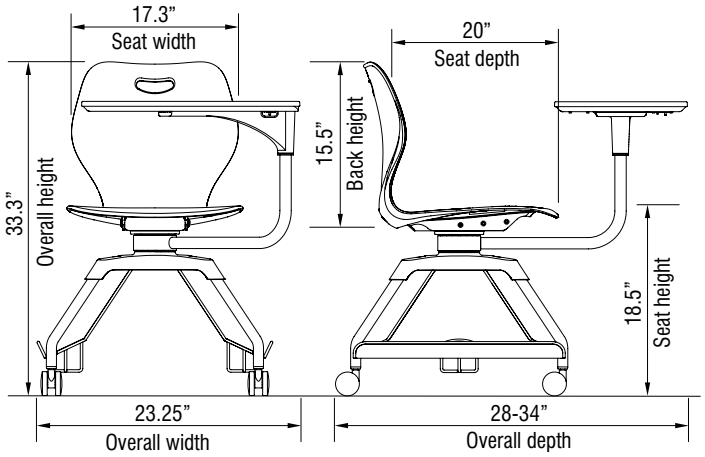
Flat Accessory Rack - Rack shall be constructed of 16-gauge perforated steel wrapped with 1/4" diameter steel wire welded to the frame. The rack is reinforced with stiffener channels that are constructed of 14-gauge CRS that are welded to the perforated steel rack assembly. The rack is fastened to weldments on the chair frame using #10-24 x 1/2" PEM studs, #10-24 hex nuts and lock washers. The flat accessory rack is not field installable or retrofitable.

Casters

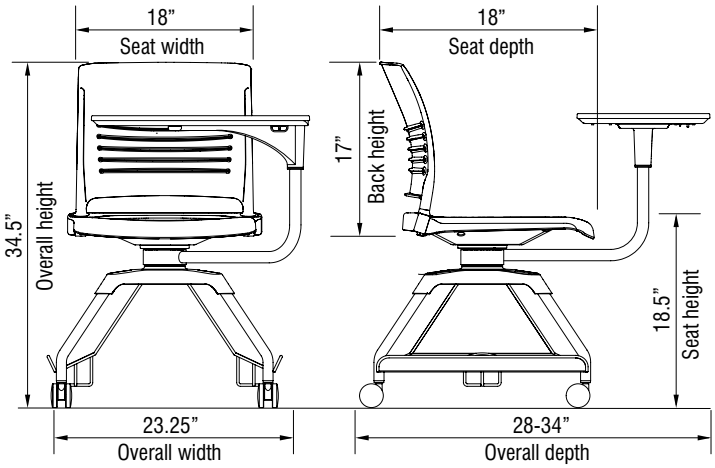
Casters shall be double wheels (60mm) of high-impact thermoplastic with high impact plastic frame. Carpet or hard floor casters, black only.

Optional Bell glides (2" high) made of high-impact plastic also available, black only.

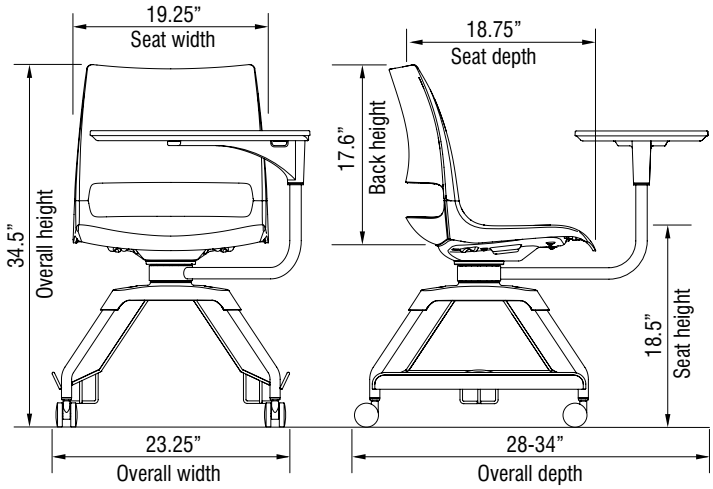
DIMENSIONS - with worksurface centered to seat back
(see Planning Dimensions KI-62385R1 for worksurface rotation dimensions)



Intellect Wave



Strive



Dōni

Furnishing Knowledge®

STATEMENT OF LINE


L2SNPCANAR


L2STPCANAR


L2SNPNANAR


L2STPNANAR


L2WNPNAR


L2WTPNAR


L2SNPCASAR


L2STPCASAR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L2STP/NA/SAR


L2STP/NA/CAR


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