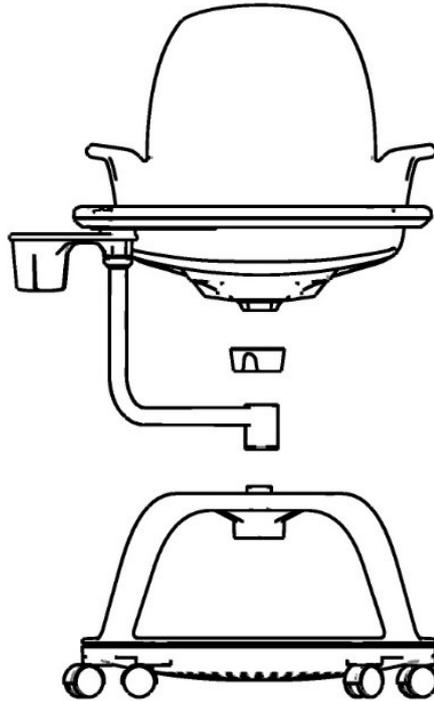


PKD1001 - LINX CHAIR X-BASE WITH WORKSURFACE

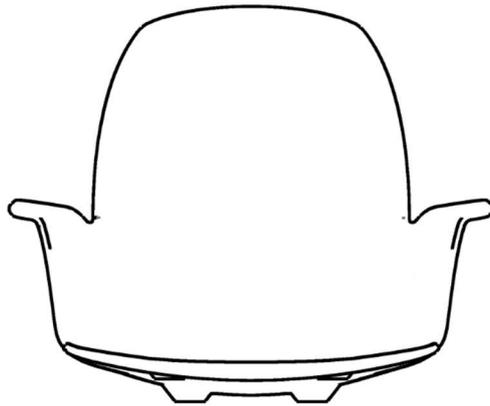
TECHNICAL SPECIFICATIONS



GENERAL SPECIFICATIONS

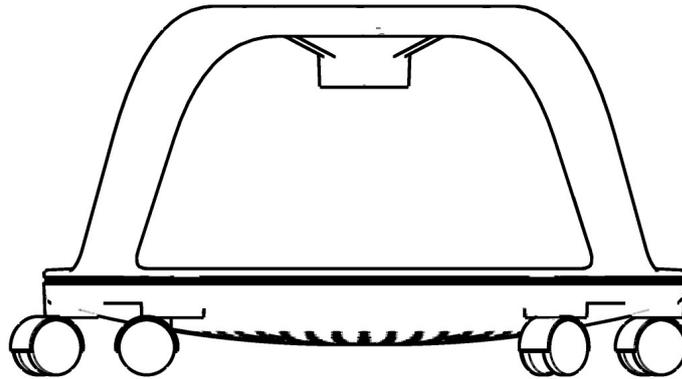
- 1- The chair must comply with the "TSE EN-1729 Furniture - Chairs and Tables for Educational Institutions" standard.
- 2- The chair dimensions should adhere to the "6th Grade" measurements specified in the relevant standard.
- 3- The materials used must have RoHS certificates and equivalents demonstrating compliance with the relevant standards.
- 4- The chair should possess a design registration certificate.

SEAT



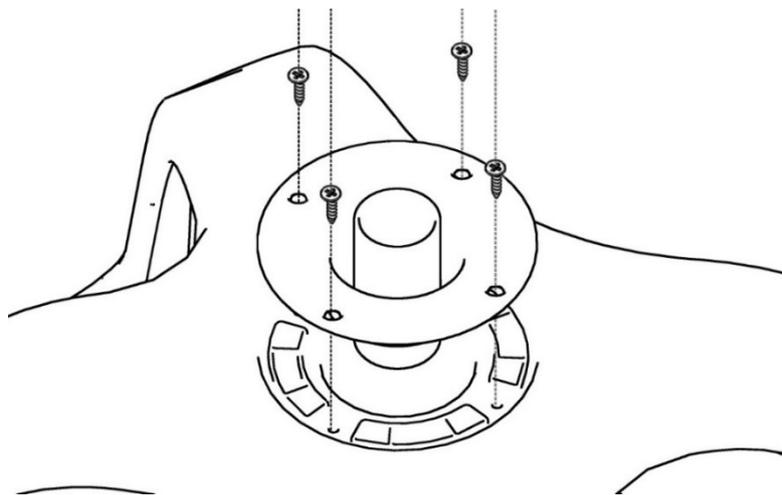
- 1- It should be manufactured using the plastic injection method with 1st Grade PPC & PPH raw materials.
- 2- The seat depth should be at least 43 cm, seat width at least 45 cm, and seat height at least 45 cm.
- 3- It should weigh a minimum of 2.5 kg.
- 4- It should have a minimum wall thickness of 6 mm.
- 5- It should have a self-armrest monoblock design.
- 6- There should be an appropriate amount of flex when seated.
- 7- Four embedded nuts for leg connections should be present on the underside of the seat, embedded during the injection process.
- 8- An electrostatic powder-coated aluminum injection-molded connection part should be assembled for leg connections.
- 9- The aluminum connection part should be mounted using the through-pin method in the swivel mechanism.
- 10- The aluminum connection part should have a limiting design that prevents it from passing behind the chair's writing tablet.

BASE



- 1- It must be manufactured with a minimum weight of 4 kg, in a four-legged monobloc structure with a bottom cover.
- 2- There should be a double-sided opening with a minimum width of 40 cm for placing bags/items.
- 3- It must be manufactured using plastic injection method with at least 20% glass fiber reinforced polymer raw material of 1st Grade.
- 4- There should be a perforated cover on the bottom cap of the legs to prevent dust and dirt accumulation.
- 5- It should be designed with two sides convex and two sides concave.
- 6- It must have six wheels, each coated with silicone.

SWIVEL MECHANISM

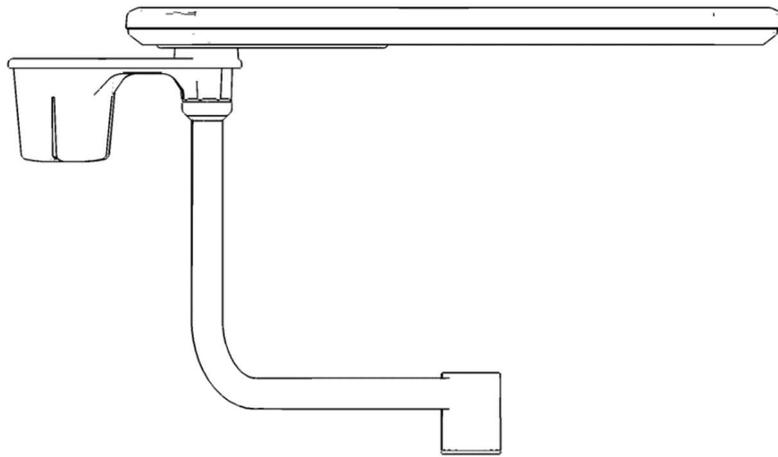


- 1- It should include a circular sheet metal connection part, manufactured through sheet metal plastering method with a minimum thickness of 2.5 mm, shaped by laser cutting and press molds, and mounted to the leg part with screws.

2- The circular sheet metal connection part should contain a CNC-machined POM bearing part mounted at the center through welding onto a cylindrical tube profile. Inside the bearing, there should be a rotating shaft made of transmission iron allowing the chair to rotate 360 degrees.

3- It should be painted with electrostatic powder coating.

MOBILE WORKSURFACE AND ROTATION ARM



1- The dimensions should be at least 60*35 cm.

2- The writing tablet should consist of two parts: upper and lower.

3- The upper cover should have an injection-molded pen holder area.

4- The lower cover should be manufactured using 1st Grade glass fiber reinforced raw material through plastic injection method.

5- There should be six embedded nuts for connecting the swivel arm on the lower cover during the injection process.

6- An electrostatic powder-coated aluminum injection-molded connecting part should be present for mounting the writing tablet to the swivel arm.

7- The swivel arm should be made of 7136 steel alloy profile tube and painted with electrostatic powder coating.

8- The assembly of the swivel arm to the swivel mechanism should be done through welding a cylindrical profile containing CNC-machined POM bearing part.

9- A cup holder apparatus made from 1st Grade Polypropylene raw material should be located under the writing tablet.