SixE®

HOWE

PRODUCT DESCRIPTION

MOVING DESIGN SINCE 1928

DESIGNED BY PEARSON LLOYD 2012

SixE®

SixE is a refined mono shell chair family designed by Pearson Lloyd. The name of the chair refers to the six E's that characterizes the chair: Ergonomic, Environmental, Ease of handling, Elegant, Efficient and Economic. With a modern yet modest aesthetics, a superb comfort and a sturdy and durable design SixE embraces the core values of HOWE. A multifunctional and space-saving chair with an optimised stacking efficiency for both side chairs and armchairs. The environmental aspect comprises a.o. Design for Disassembly and extended product responsibility. SixE is truly refined engineering designed to be the most efficient and sturdy solution to the ubiquitous stacking shell chair. With the collaborative chair version SixE also offer a concept for active learning environments.

DESCRIPTION

A sturdy and efficient stacking chair designed for multi-usage environments. SixE stacks up to 25 chairs on a dolly.

PRODUCT DETAILS

SHELL AND ARMRESTS
The mono shell is triple curved and with a round and soft shape the chair has no sharp corners.

The shell material is Polypropylene (PP). The back of the shell has a semi gloss graphical texture and the front is slightly textured and matt coated. The thickness of the shell is between 7 and 11 mm and the armrest is 20 mm.

Standard colours:
Black, Howe grey, Chalk, Wheat, Ocean, Red ochre, Fawn and Lichen. As standard the armrests come in the same colour as the shell.

BLACK	HOWE GREY
CHALK	WHEAT
OCEAN	RED OCHRE
FAWN	LICHEN

RECYCLED SHELL
The SixE shell in Black, Howe Grey, Red Ochre, and Chalk is also available as recycled. The level of recycled content differs by colour and is as follows: 100% recycled for Black and Howe Grey, and 50% recycled for Red Ochre and Chalk.

SixE recycled shells maintain the consistent aesthetics of the virgin shells, allowing the expansion of existing collections. The recycled shell is available for all SixE versions.

FRAMES
The 4-legged frame is a steel tube. Side chair: Ø16 x 2 mm welded precision tube. Armchair: Ø16 x 2 mm welded precision tube. Barstool: Ø16 x 2 mm welded precision tube. The glides are in black TPE plastic.

The 4-legged frame with castors is a steel tube. Side chair: Ø16 x 2 mm welded precision tube. Armchair: Ø16 x 2 mm welded precision tube. The castors are in black polyamide. The sled frame is a round solid steel rod. Side chair (linking and non-linking): Ø11 mm rod. Armchair: Ø11 mm rod/Ø13 mm rod at arm support. Barstool: Ø14 mm rod. The glides are in polycarbonate. As standard the frame finish comes in trivalent chrome (chrome 3) and in black, satin black, white, satin white, Howe grey, alu grey, Wheat, Ocean, Red ochre, Fawn and Lichen powder coating.

The 5-star base for the Learn version is Ø720 mm and comes in Howe grey PA in tapered design. Wheels are in black plastic. The 5-star base for the swivel version is Ø590 mm and comes in Howe grey PA in tapered design. Wheels are in black plastic.

VARIETIES

4-LEG VERSION
The 4-legged version is available as side chair, armchair, and barstool/counter. Additionally, all versions are available as full upholstered or with an integrated and upholstered seat pad solution.

4-LEG WITH CASTORS VERSION
The 4-leg with castors version is available as side chair and armchair. Both versions are available as full upholstered and with seat pad upholstery. The castors are black and come as hard lane for soft floors and soft lane for hard floors. As a safety precaution the standard castors automatically brake without weight load – meaning you have to add weight by sitting on the seat to make the chair roll freely.

SLED VERSION
The sled version is available as a side chair, armchair, and barstool. Additionally, all versions are available as full upholstered or with an integrated and upholstered seat pad solution.

LEARN VERSION
The Learn version is a collaborative chair concept. It comes with or without armrest. The 5-star base is Ø720 mm and in Howe grey PA. Wheels are in black plastic. Soft lane castors is an option. The chair is height-adjustable by use of push-button function underneath the seat.

The personal work surface is rectangular with rounded corners. Storage is built-in in the personal work surface with side access. Sliding slots in the bottom of the storage make it easy to slide out stored materials. Tablet stands are integrated in the work surface top.

The personal work surface is in plastic. The top layer is available in white or black and the lower part Howe grey. The steel arm is powder coated in Howe grey colour. The work surface can rotate 360 degrees.

Optional bag hanger in PP is mounted on the top of the shells back and is in the same color as the shell. Optional cup holder rotates under the personal work surface and is in grey polyamide.

The frame carrying the armrests on the armrest version is in Howe grey powder coated steel. Armrests are in the same colour as the shell.

SWIVEL VERSION
SixE swivel is available as a side chair and an armchair. The 5-star base is Ø590 mm and in Howe grey PA. Wheels are in black plastic. Soft lane castors is an option.

The chair is height-adjustable by use of push-button function underneath the seat.

Both side chair and armchair are available as full upholstered or with an integrated and upholstered seat pad solution.

LINKING

There are three different linking systems for SixE.

ARMREST LINKING
The armchair is available with an integrated armrest linking system providing efficient linking for mass seating. The linking system is an integral part of the armrest and the material is Polypropylene (PP).

BRACE LINKING
The side chair with sled frame is available with an integrated floor linking system consisting of a brace which ensures efficient linking for mass seating.

QUICK LINKING
The side chair with 4-legged frame is available with a linking system called quick linking. This system will position the chairs. The system can be retrofitted and it is mounted underneath the seat. It is retractable and therefore completely invisible when not in use.

The material consist of metal and POM - both in black. This linking system is compatible with the seat pad available for SixE and the linking does not conflict with the stackability.

UPHOLSTERY

Upholstery comes in two versions:
1. Fixed seat pad upholstery.
2. Full shell upholstery

The upholstery is in fabric, trevira, microfiber, leather and PU. As standard the cushioning is fire retardant CMHR polyurethane foam. Thickness is 10 mm and the foam density is 60 kg/m^3.

STACKING CAPACITY

The SixE chair is high-performance stacking chair. All SixE 4-leg and sled versions are stackable up to 25 chairs on dolly.

All SixE 4-leg with castors are stackable up to 15 chairs on dolly and 5 on the floor.

All barstool versions stack up to 10 chairs on floor.

Please refer to the file 'Line drawings and measurements' for information about measurements when stacked.

REQUIRED FLOOR SPACE
Single dolly = 25 chairs = 0,49 sq. metres floor space.

DIMENSIONS AND WEIGHT

**Due to manufacturing tolerances, actualproduct dimensions may vary slightly from nominal values.*

DIMENSIONS IN MM	4-leg	4-leg castors	Sled	Barstool 4-leg	Barstool 4-leg counter height	Barstool sled	Learn / Swivel
Height of chair:	785	785	785	1105	965	1105	765-885
Depth of chair:	535	535	545	535	535	560	870 / 590
Width of chair:	520	540	500	550	540	530	720 / 590
Diameter of base:	-	-	-	-	-	-	Ø720 / Ø590
Width of chair with armrests:	565	565	565	-	-	-	720 / 590
Seating height:	450	450	450	770	630	770	395-515
Seating height with seat pad:	470	470	470	790	650	790	415-535
Seating height full upholstered:	465	465	465	785	645	785	395-515 / 410-535
Armrest height:	695	695	695	-	-	-	620-740
Work surface height:	-	-	-	-	-	-	660-780 / –

WEIGHT

VERSION	4-leg	4-leg Upholstered		Sled	Sled Upholstered		Learn / Swivel	Learn + Swivel Upholstered		4-leg castors	4-leg castors Upholstered	
		Seat pad	Full uph.		Seat pad	Full uph.		Seat pad	Full uph.		Seat pad	Full uph.
SIDE CHAIR – non linking	5,0 kg	6,2 kg	6,0 kg	6,0 kg	7,2 kg	7,0 kg	11,7 kg 7,2 kg	12,1 kg 8,4 kg	- 8,2 kg	5,2 kg	6,4 kg	6,2 kg
SIDE CHAIR - linking	5,0 kg	6,2 kg	6,0 kg	6,2 kg	7,4 kg	7,2 kg	– –	– –	– –	–	–	–
ARMCHAIR – non linking	5,7 kg	6,9 kg	6,7 kg	7,3 kg	8,5 kg	8,3 kg	12,7 kg 8,3 kg	13,1 kg 9,5 kg	– 9,3 kg	6,1 kg	7,3 kg	7,1 kg
ARMCHAIR – linking	5,7 kg	6,9 kg	6,7 kg	7,3 kg	8,5 kg	8,3 kg	– –	– –	– –	–	–	–
BARSTOOL	7,3 kg	8,5 kg	8,3 kg	9,5 kg	10,7 kg	10,5 kg	–	–	–	–	–	–

ACCESSORIES

TRANSPORT DOLLY with capacity of 25 side chairs or armchairs per unit. Single dolly with handle (18,6 kg).

TRANSPORT DOLLY with capacity of 15 SixE 4-leg with castors side chairs or armchairs per unit. Single dolly with handle (18,6 kg).

WRITING TABLET, right or left handed version. Attachable/detachable. Black or white compact laminate version in 10 mm thickness. With or without cup holder. Only for SixE sled frame chairs.

ERGONOMICS & ENVIRONMENT

SixE is designed to be an ergonomic correct and comfortable chair. The carefully tuned back forms a natural, yet controlled flexure system that provides superb comfort as well as the fundamental support for the lumbar region. Additionally, the soft rolled edge means no pressure points are generated and allows sitting in a variety of positions.

The shells, armrests, frames and chroming are all produced under ISO 14001 stan-dardized production facilities. SixE responds to the most current thinking, research, and standards where the environment is concerned. The material is carefully selected for the chair and the trivalent chrome (chrome 3) is standard. The chair is designed for disassembly making it very easy to dismantle and recycle.

SIxE recycled shell promotes a circular economy even further. The carbon footprint of the recycled material production used to mould our SixE shells is up to 4 times lower compared to the process based on virgin plastic.

TESTS

The chair is designed for severe contract use and has been subject to a variety of tests to ensure its highest quality and durability.

The furniture is tested by third-party organizations and passed testing according to the required EN and BIFMA standards, staying also in line with strict emission regulations.

All the certificates are available for access and download here.

WARRANTIES

HOWE a/s gives a 10 years guarantee on all SixE chairs against weld breakages, defective material, workmanship and performance under normal use. SixE Learn carries a 5 year warranty.

For full information please see the warranty provision on howe.com

PACKAGING

4-leg + sled side chairs and armchairs = 7 per carton
4-leg + sled side chairs and armchairs with seat pad = 5 per carton
4-leg with castors side chairs and armchairs = 5 per carton
4-leg + sled barstools = 5 per carton
4-leg + sled barstools with upholstery = 4 per carton
Learn chairs = 7 chairs per pallet. Shells, 5-star bases and work surfaces/arms are packed in separate boxes.

AWARDS

2013: SixE was named Best of Year Honoree by Interior Design at the Annual Interior Design Best of Year Award.
2014: Best of Best at the 2014 Interior Innovation Award.
2014: Green Product Award.
2014: Red Dot Award.
2014: Design Guild Mark Award.
2015: SixE Learn won Best of Neocon Silver Award, Educations category.

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