Hybrid ger G6.8 and G5.7

TRADITION – INNOVATION – STANDARD.

The Mongolian Ger is a traditional Mongolian residence associated with nomadic cultures in Central Asia. The architectural form of the ger has remained unchanged since its discovery during the Bronze Age and was listed on UNESCO's 2013 Intangible Heritage Representation List.

The Mongolian Ger has become an integral part of the culture, traditions, and philosophy of nomadic Mongolians, enabling them to adapt to lifestyle changes and challenges, including extreme weather conditions, natural disasters, wars, settlements, and nomadic life.

The new creation of Ord Ger Company, the "HYBRID" model, which combines tradition and modernity, is an intellectual creation of a Mongolian engineers and carpentry, improved in accordance with international standards. In terms of size, it is produced with 6.8m diameter and 5.7m options.
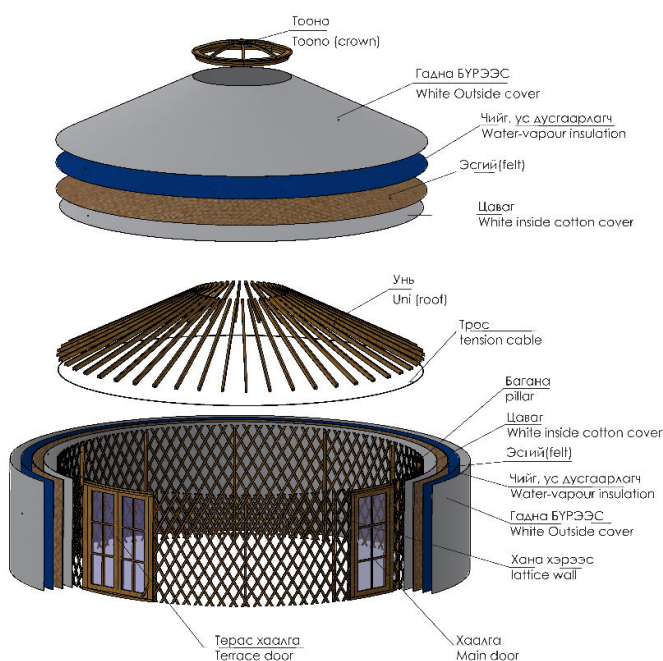

Advantages:

- The lattice wall height of a typical Mongolian house is 145-150cm, while the total height of ORD GER is **3.5 meters** and the lattice walls are **2.1 meters** high. It's a special case made for the European market that allows people to walk through the door and stand up straight without bending over.
- Aluminum **Mate rivets** are used instead of wall leather straps (Cyp). Animal leather absorbs moisture in areas with continuous heavy rain and humidity, stretches easily, loses its strength, and breaks easily. When the walls are weakened or broken, the walls of the house lose their strength, the walls fall down, and the house loses its shape. Also, if the wall staples are weakened or broken, it is extremely difficult to repair and replace them in foreign countries. Aluminum rivets are easy to fasten to the wall and can be replaced as needed.

Wood: Pine wood grown in the soil of Mongolia, dried and processed industrially. Pure natural wood, healthy and safe, with a luxurious smell.

Wood processing:
1. Full carpentry processing is carried out in the factory: cutting, embossing, gluing, drilling-drilling, sanding, assembly according to the drawing.
2. Anointing 1: Protection. It has a surface setting that prevents rotting and burning. Specially protect areas not exposed to soil and precipitation from rotting and burning. 100% natural, odorless, eco, healthy and safe
3. Application 2: Linseed oil. Surfaces are protected from water penetration and from drying-cracking. 100% natural, odorless, eco, healthy and safe

Toono(crown): D1.8m(for G6.8)/D1.5m(for G5.7) wooden with Polycarbonate windows, middle small circle window manual open/close

Using the ancient method used by Mongolian artisans, when connecting the 2 big rings /rows/, a hidden wooden check lock was additionally made without inserting any metal. As a result, digital stickers and small parts are not easily separated, making it very durable and strong for transportation.
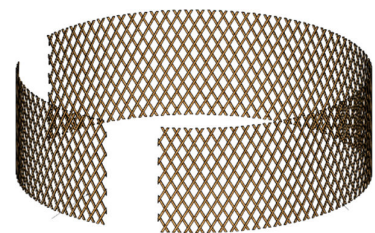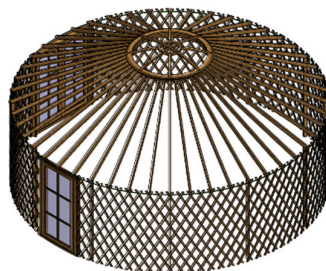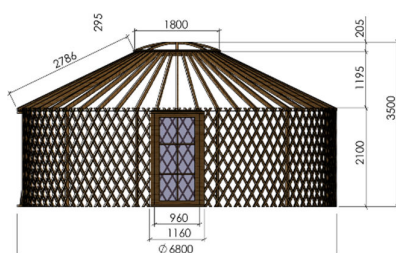
Rafters: There are big and common rafters.
The big rafters are wider and are attached to the wall pillar to increase the strength of the house and increase its load capacity. All the rafters are connected to the crown and wall in such a way that there is no risk of the rafters falling, and the load capacity of the roof is improved and immobilized.

Lattice Wall: Expandable and rollable, clear, assembled with aluminum rivets. Additional pillars attached

Door & frame: wooden frame, double glazed
Terrace door: wooden frame, double glazed, 2 flaps

- **Inside cover:** 100% cotton
- **Insulation:** 1 layer felt. 80% sheep wool, 20% bristle
- **Water proof, vapor Membrane:** breathable Membrane, provides thermal insulation, water proof, wind proof, allows moisture vapor to pass through from inside.
- **Outside cover:** 100% solution dyed acrylic material with Water proof, Mold/ mildew resistance and UV/Fade resistant
- **Tension cable**
- **Platform not included**

Model name	HG5.7	HG6.8
Size - diameter /meter/	5.7	6.8
Square /m2/	25.5	36.3
Center height /meter/	3.6	3.7
Wall height /meter/	2.1	2.1

Toono(crown)	Diameter /mm/	1500	1800
	height /mm/	200 ± 10	265 ± 10
Rafters	Quatity	10+30	12+48
	Length /mm/	2490 ± 10	2780 ± 10
Wall	Type	Lattice Wall	Lattice Wall
	Quatity	2	2
	Tension cable	1	1
Door	Quatity	2	2
	Main door size /mm/	1160 x 2100	1160 x 2100
	Main door size /mm/	1160 x 2100	1800 x 2100
Platform	Not included	-	-
Soft Materials	First layer: Inner cover	non allergic, 100% cotton material	non allergic, 100% cotton material
	Second layer: Insulation	Felt - Processed Pure natural wool	Felt - Processed Pure natural wool
	Third layer: Waterproof membrane	designed prevent condensation and water intrusion.	designed prevent condensation and water intrusion.
	Fourth layer: Outer cover	white, Outdoor, 100% solution dyed acrylic fabric	white, Outdoor, 100% solution dyed acrylic fabric
	Outer belts	3 pcs, color options	3 pcs, color options
Packeging and sizing	Package: soft wrap, without pallet	around 3.5CBM, 500kg	around 4.0CBM, 760kg