

## flix Libero Classic / Libero Sport

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**Tournament charts:**

**See [www.flix.eu](http://www.flix.eu) > us for you**



## please note

### Scope of delivery

Part of the delivery is as well:

- This manual
- A spare parts kit with 3 balls (1 x tournament ball, 1 x grip ball, 1 x silent cork ball) and lubricant WD-40 (to grease the bearings it might be helpful to put on the red cannula on the spray).

### Setup - Dismantling

Video: At Youtube you'll find the setup/dismantling video: see below (QR codes), or just insert „flix libero“ at Youtube. You can find there some more nice films about the Libero, too.

On one side of the spare parts kit you'll find the team lineup.

On the other side you'll find the last steps of the setup: how to put in the rods etc. The first steps are at the underside of the playing field.

### Locking the folding doors

The folding doors are secured by tension locks. To prevent them from unwanted opening they are equipped with a safety spring. To open the tension lock you have to press down the little spring with your thumb; then you can open the lock in the upside direction.

### Rods

Our rods are produced with high precisely CNC machines. Nevertheless a small unbalance, especially at the end of the long 2-man bar, could be visible. As well it is normal that the rods are bending while playing.

### Warming up the table

At the first start, the bearings of the Libero are fresh and a little bit rough, but just after some few hours they get very smooth and soft. To support this please put a few WD-40 on the brown ring in the bearing.

In the beginning, the playing field is slippery and the balls are new and slippery. After a time the playing field and the balls will get a good grip.

### Lend out the Libero

You want to rent out your Libero? Then fill in your details on our website: price per day, cost of transport and you are on our lending list!

Any questions? We will give support: [libero@flix.eu](mailto:libero@flix.eu).

Setup



Dismantling



Floodlight

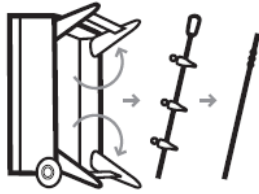


Store into car



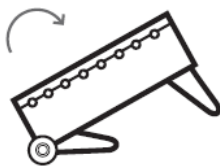
## set up libero

1



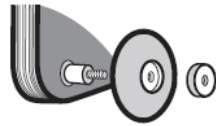
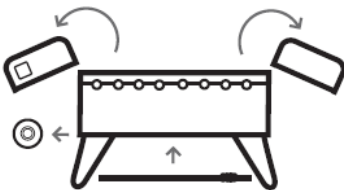
The Libero stands up on its wheels:  
Open the screw and take out the fixing rod.  
Unfold the bottom legs. The two-man-rods are free to be removed. Then unfold the top leg and remove the remaining rods.

2



Now tip over the Libero onto the top legs.  
Do so while holding the top legs.

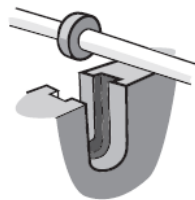
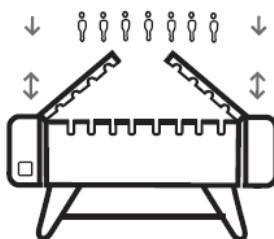
3



Screw back thenut onto the arbour and let the arbor disappear in the corpus. The wheels can be stored in the folding compartment.

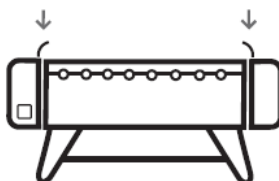
Lift up the Libero on the other side and completely fold out both legs. Install the fixing rod and screw until tight. Unlock the bolts, turn down the goal boxes and secure them with the tension locks. Now take off the knurled nut and wheels.

4



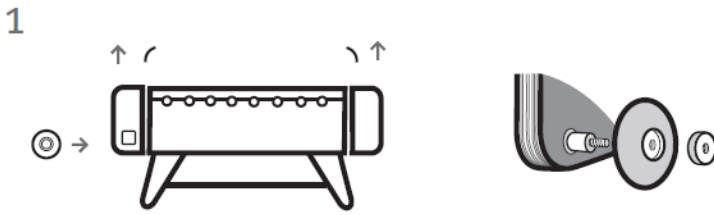
Release the tension lock and open up the 4 folding doors. Set in the rods taking care that the brown bearing ring fits into the U-form cut notch. Clap the 4 folding doors and secure with the tension lock.

5

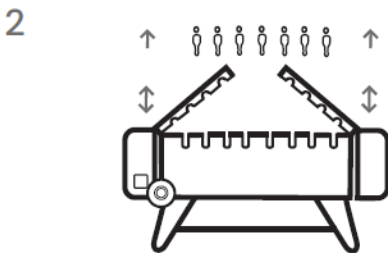


On demand align the water level of the Libero with the adjustable feet. Take the goal roofs out of the folding compartment and fix them above the goal. Finished!

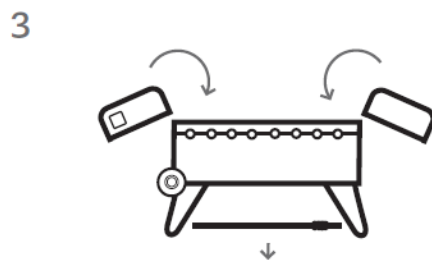
disassemble libero



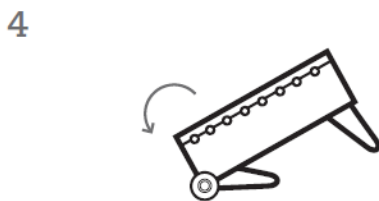
Take away both goal roofs and put them into the folding compartment with the balls and your knick knack. Take out the wheels and mount them onto to the arbor by fixing them with the knurled nut.



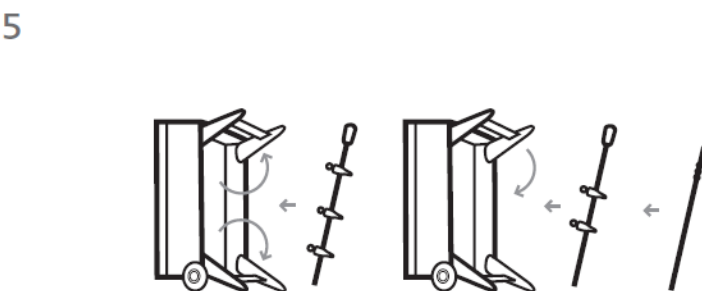
Open all four folding doors and take out the players. Close them again and secure them with the tension lock.



Open the tension locks below the goal boxes, fold them into the playfield and secure them with the bolts. Detach the fixing rod between the legs and take it out.



Lift up the Libero on the front side where the wheels are (the notch below the goal is for your hand). Slightly fold the legs on this side and release the Libero body to the ground.



Lift up the Libero on the other side and bring him to stand on its wheels. Store away all rods in sequence of ① - ⑥ below the playfield. Fold the legs above, then store rod ⑦ - ⑧ and secure them with the velcro tape. Then fold the bottom leg, set in the fixing rod ⑨ and screw it tight for secure transportation.

## Libero Classic / Libero Sport – technical data

### Measures

All measures in mm:

#### Table

Table Measure (H x W x L)

set up: 905 x 765 x 1370

folded: 280 x 765 x 1170

#### Playing field

Size 1112 x 680 (new tournament size: goalie stands on the goal line)

Thickness of the playing field: 18

Uplift of the corner ramp: 8

Uplift of the sidelines: 1,5

Goal width: 205

#### Side wall

Thickness: 28

#### Rods

Diameter x wall thickness: 16 x 3

Height of player above the playfield: 12

Height of the side wall above the rods: 10

Rods (center) above the playfield: 84

Rods (center) above the ground: 870 - 910

#### Bumper & Slices

Pro Bumper: Ø=30, L=20

Slices: Ø =30, L=2

#### Weight

Total weight:

- Libero Classic: 72 kg

- Libero Sport: 65 kg

Tournament weight with additional weights: 102 / 95 kg. The additional weights are not included in the regular delivery.

## bar rules

### Rule No.1

The following and other rules are to be cleared at the table.

### Claim

This rule is standard in many bars. A person or team that wants to play, while somebody else is playing can make a claim. This happens by putting the price for a game onto the table while knocking on the table or expresses himself by letting them know that they wish to play. ("We make a claim!") The new person or team playing has to pay, as soon as the losing team is leaving the table and is usually taking their place.

### Ball entry

Play will begin by inserting the ball into the ball entry. Alternatively, the ball can be brought to the table via one of the corners, so that the team against whom the last goal was made possesses the ball. If the ball cannot be brought into the game with the two man rod, you may start a new effort. (Goodwill) Often the ball is brought into the game due to action of the five man rod, which last made the goal.

### Shots from the five man rod

By some players goal shots aren't approved when played with the middle rod. At times it is agreed that goals that are shot this way don't count. (Also called French, since goals that are shot by the middle role are invalid within French rules.)

### Dead ball

Is an unreachable ball between the area of the goalie and the two man rod, it is given back to the goalie or the two man rod (optionally by the players or the bystanders). Other dead balls, that are on the playfield are brought in by the regular ball entry.

### Goals

Goals are only counted once they stay in the goal and don't pop out again. In some locations a keeper goal is counted double. A professional ethnology reported that since the movie "Absolute Giganten" was shown it has become practice to do so.

### Winner

In earlier days they played till 6, since most automats gave 11 balls. This way 6 goals couldn't be hauled in (max count was 6:5). Often there are automats that only give up 9 balls. By tournament and advanced players it is usually played until 5 or 6.