

ORIGIN





Gold Trophy for pool cover 2022 from the FPP - realised by Piscines ES & Spas / l'Esprit Piscine

Realisation by L'ESPRIT PISCINE

ORIGIN

Adaptable to any type and shape of pool and easy to assemble

Technical features

Frame and sturdiness :

Aluminium frame made up of modules equipped with large diameter castors to facilitate the movement of the deck. Each module can withstand a point load of 150kg/m².

Modules :

A choice between seven module widths to best suit your configuration:

1017 mm > 1.0 m

1356 mm > 1.3 m

1695 mm > 1.7 m

2034 mm > 2.0 m

2373 mm > 2.3 m

2712 mm > 2.7 m

3051 mm > 3.0 m

Module length as required (in 25 cm increments) from 2.50 m to max. 8.50 m

Height of the modules (between 15 and 34 cm) depending on the model (TM1 or TM2) and on the height of the coping/edges.

Tracks :

Made of anodised aluminium, positioned lengthwise or widthwise of the pool. The rails must be fixed to a solid, non-removable and perfectly flat surface.

For any questions concerning the payload, the total rolling weight or the choice of wheel units to ensure the ground clearance required for the SPA edges, do not hesitate to contact us!

About the product

WaluDeck covers both pools and spas in an aesthetic way. It minimises the loss of heat thanks to the insulation placed under the wooden cover. The motorisation (optional) enables an easy and fast opening/closing.

Being a safety cover that can be used all year round, WaluDeck offers the best of protection while optimizing the available space. The pool becomes a playground, a place to relax or an open-air dining area!



Motorisation



Fits any shape of pool

20cm

Deck overlap



**1650 Kg
MAX**

**Total maximum
rolling weight per
module**



**Built-in
pools and spas**



**2 in 1 safety
cover and
mobile deck**



New in 2023

A redesigned deck for easier assembly!

- **New module sizes are added to the range!**
- **7 width dimensions instead of 4 for a wider choice of configurations, for tailor-made projects.**
(the 7 dimensions: 1017, 1350, 1645, 2034, 2373, 2700, 3051 in cm)
- **Flush profiles on top and around the edges (2 cm gain in deck height)**
- **Yet to come in 2023, a system of "quarter turn" buttons that will facilitate the installation of the splash guards**
- **New, more compact engine for perfect integration**

A deck that is 100% adaptable to special shapes

4 possible module widths (2.60 m, 2.00 m, 1.50 m or 1.00 m). Modules length from 2.60 m up to 8.50 m (max). 8 possible module heights depending on the length and height of the copings / edges.

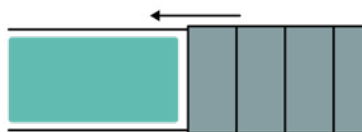
WaluDeck

WaluDeck, a versatile Deck

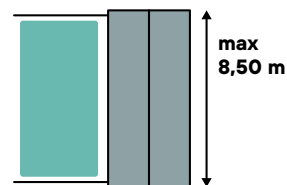
Several configurations are possible (depending on the size of the pool). You can thus choose the configuration that best complements your outdoor space and your habits.

WaluDeck, a Deck for swimming pools, but also for spas

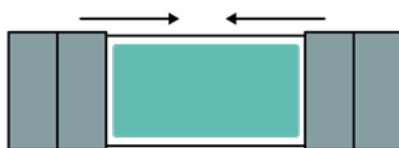
WaluDeck is also suitable for all types of spas. Being a mobile safety deck, it covers your spa in an elegant way, integrating perfectly into the existing environment and limiting heat loss thanks to insulation positioned in the structure.



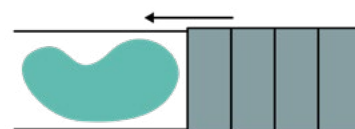
In one unit



On long pool lengths



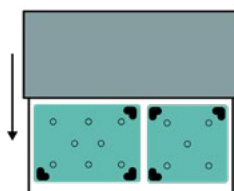
In multiple parts



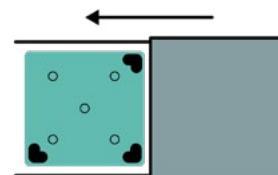
Special shapes



WaluDeck video

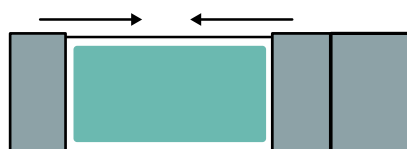


Swim spas

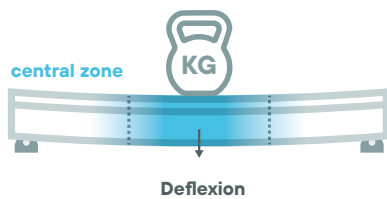


Small spas

Warning: Since the maximum length of a module is 8.50 m, the installation of the tracks widthwise is only possible if the length of the pool does not exceed 7.50 m (or 8.00 m for pools without coping).

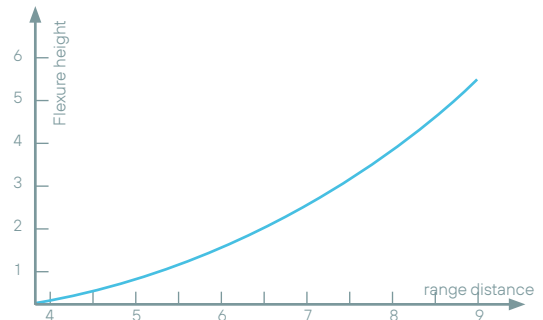


In multiple parts



module	6,00 m	6,50 m	7,50 m	8,00 m	8,50 m
Deflexion for 500kg	2-3 cm	2-4 cm	3-4 cm	4-5 cm	5-6 cm

As an indication, the estimated value of the deflexion for 500kg spread over the whole module. The estimated value may therefore vary according to the distribution of the load on the module and exceed these estimates.

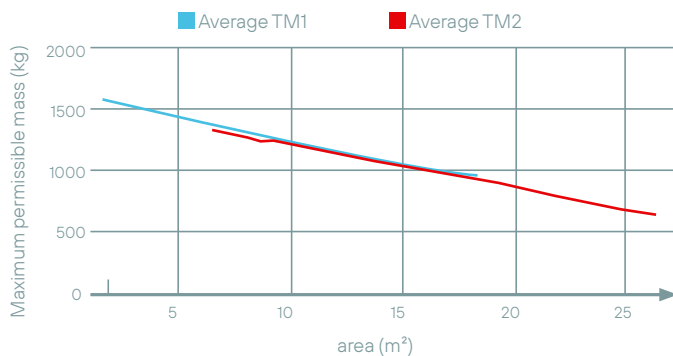


Limited stress

Over long spans and depending on the load applied, the Waludeck structure will tend to sag slightly over a few centimetres.

The maximum weight that can be applied in the central area may therefore vary.

Load ratio per module area



Total allowable mass Max in Kg.		
Surface area of a module (in m ²)	TM1	TM2
3	1475	-
5	1400	-
10	1230	1190
15	1050	1080
18	950	910
20	-	835
25	-	626

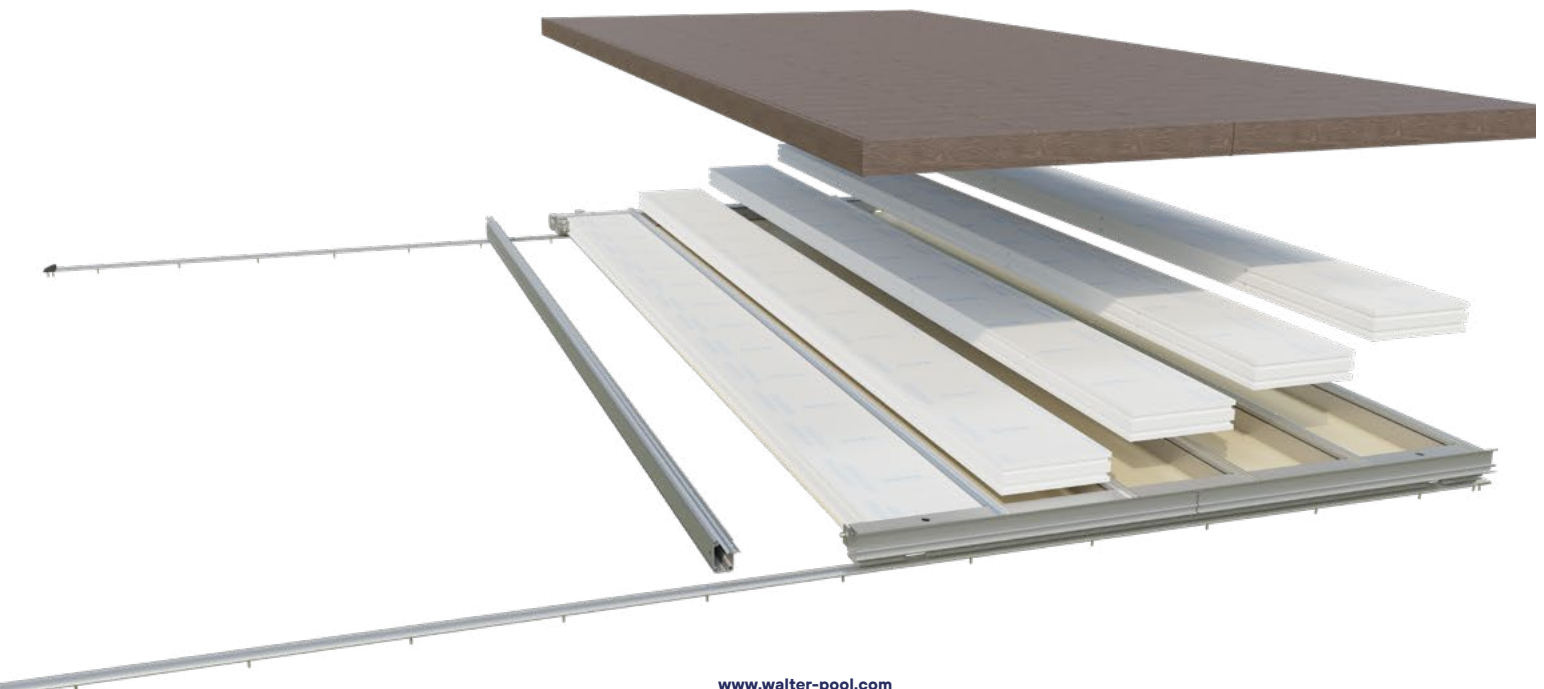
As an indication, the weight of the cladding used for the calculation corresponds to 25kg/m².

Insulation (option)

Rigid polyurethane insulating panels, thickness 60 or 120 mm, inserted between 2 PVC-membranes.

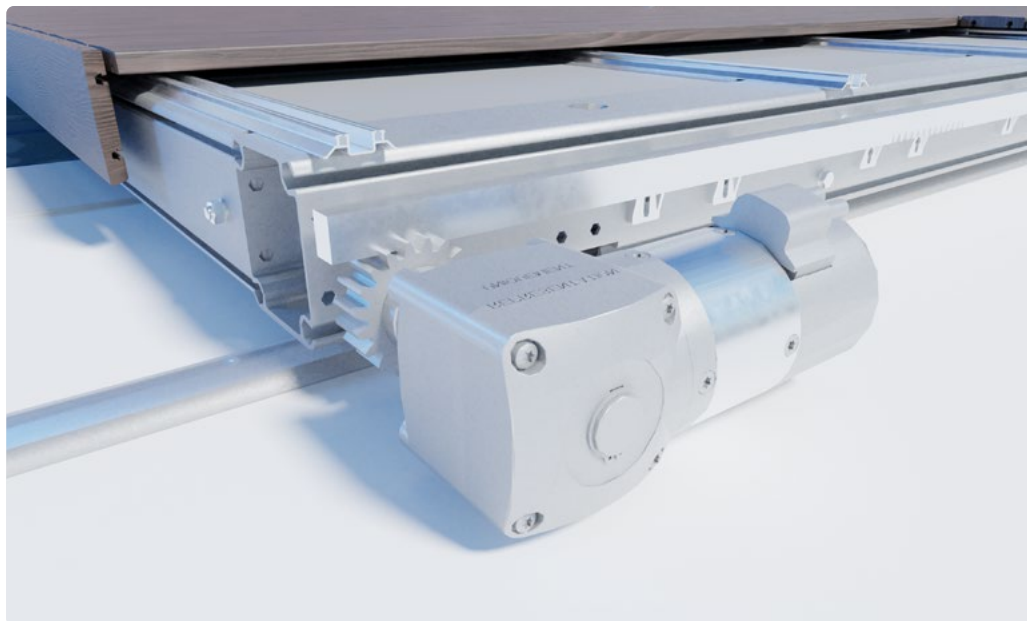
Maintained by two aluminum brackets and protected by a lower membrane allowing condensation water to flow out and a large upper membrane covering the whole module.

A peripheral lining fixed in the lower part completes the waterproofing of the Deck.



Motorisation (optional)

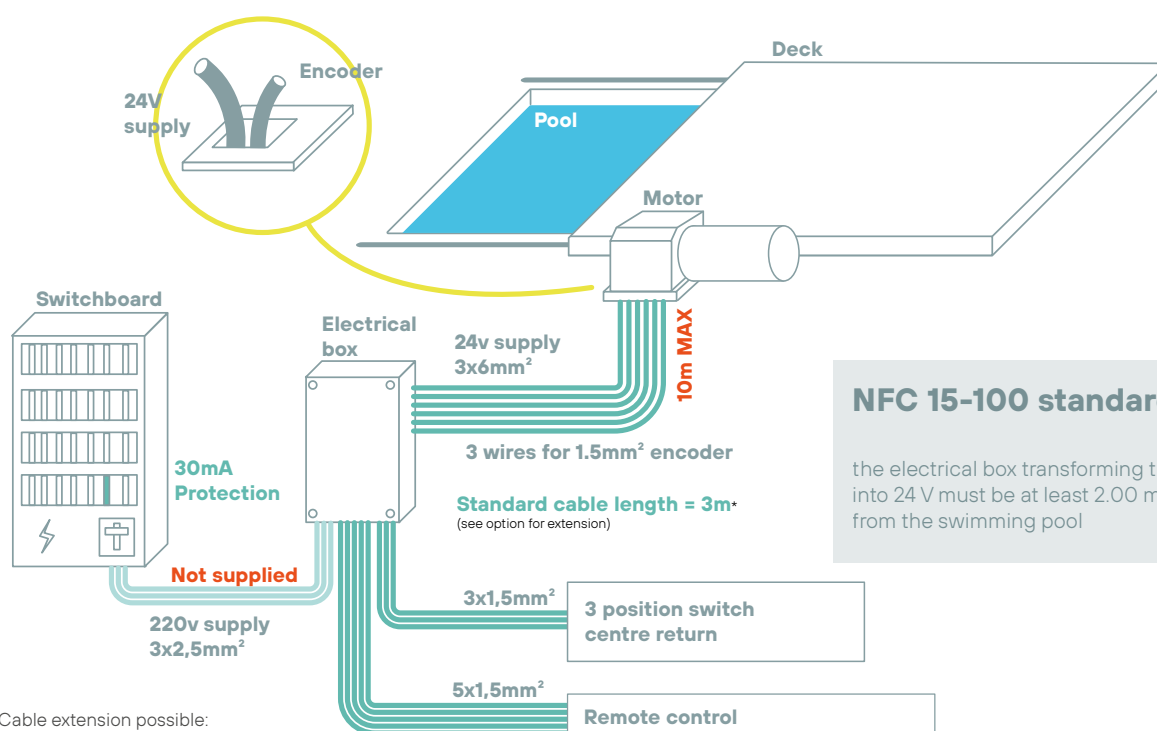
24 volt motor, with integrated software and electronic end switches. Including a wireless remote control, a separate electrical box and a 2 m long, with steel reinforced rack and pinion. All delivered modules are now fitted with holes allowing subsequent motorization. In this case, all that remains is to tighten the crimp nuts and provide the foundation and electrification of the motor.



WaluDeck video



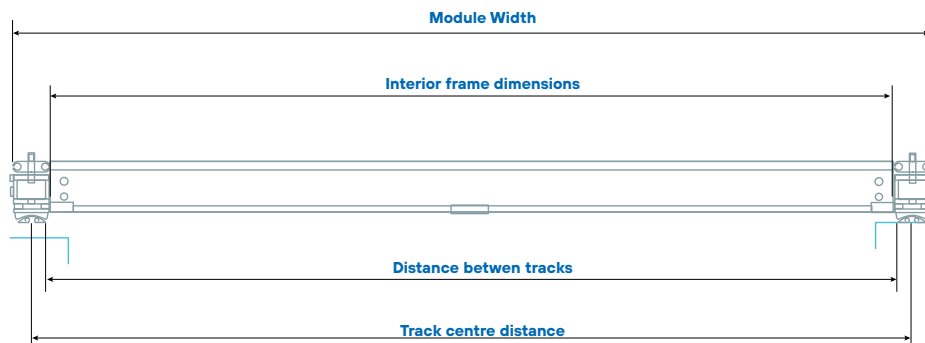
Motorised movements with remote control (optional)



NFC 15-100 standard

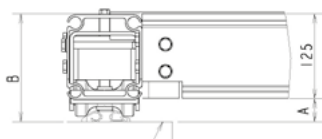
the electrical box transforming the 220v into 24 V must be at least 2.00 meters from the swimming pool

*Cable extension possible:
-Motor / Electric box.
-3 position switch / Electric box.



Ground clearance & height of modules

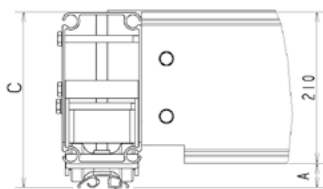
TM1: Module lengths from 3 to 6 m



Guide wheels	Position	A (mm)	B (mm)	C (mm)
Normal	low	32,5	157,5	242,5
	medium	52,5	172,5	262,5
	high	72,5	192,5	282,5
Raised (+50mm)	low	82,5	207,5	292,5
	medium	102,5	227,5	312,5
	high	122,5	247,5	332,5

A: Ground clearance
B: TM1
C: TM2

TM2: Module lengths from 6,25 to 8,5 m

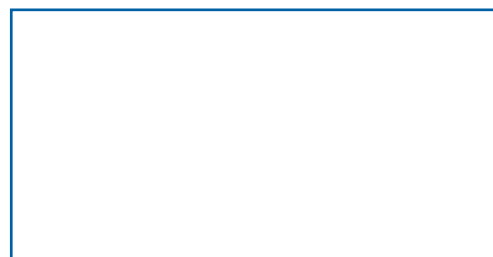


	Module width			
	Nominal width	Track center distance	Distance between tracks	Interior frame dimensions
	Actual width			
Module TM1	2500	2386	2316	2280
	2750	2636	2566	2530
	3000	2886	2816	2780
	3250	3136	3066	3030
	3500	3386	3316	3280
	3750	3636	3566	3530
	4000	3886	3816	3780
	4250	4136	4066	4030
	4500	4386	4316	4280
	4750	4636	4566	4530
	5000	4886	4816	4780
	5250	5136	5066	5030
	5500	5386	5316	5280
	5750	5636	5566	5530
Module TM2	6000	5886	5816	5780
	6250	6136	6066	6030
	6500	6386	6316	6280
	6750	6636	6566	6530
	7000	6886	6816	6780
	7250	7136	7066	7030
	7500	7386	7316	7280
	7750	7636	7566	7530
	8000	7886	7816	7780
	8250	8136	8066	8030
	8500	8386	8316	8280



Walter Pool develops, produces and sells a wide range of swimming pool covers, mainly in Europe. The production plant is based in Brumath in Alsace (France). The company has been active since **1992** and since 2020 has been part of the **TSPH family** industrial group, leader in the swimming pool market in **Europe**. Walter Pool provides mobile terraces as well as pool accessories.

Delivered by :



Keep this document for future reference