

Pool Basin



All Steel and style pool basins are made out of brushed 1.4404 grade (316L) stainless steel making them highly resistant to corrosion. All basins use the infinity edge system.

The insulating, free-standing structure is assured through a composite created by the stainless steel inner side, the honeycomb, and a fiberglass shell. Tests and final modifications were conducted with the University of Toulouse. This composite is what makes the structure strong enough to be free-standing.

Standard models of the pool basin have a depth of 1.38.

Steel and style develops two large lines of basins:

1. Play basins
2. Swimming lanes

Play basins

Model	overall length	overall width	Basin length	basin width	Depth
Play 6	6	2,49	5,71	2,2	1,38
Play 8	8	2,9	7,8	2,7	1,38
Play 10	10	3,4	9,8	3,2	1,38
Play 12	12	4	11,8	3,8	1,38

Swimming lanes

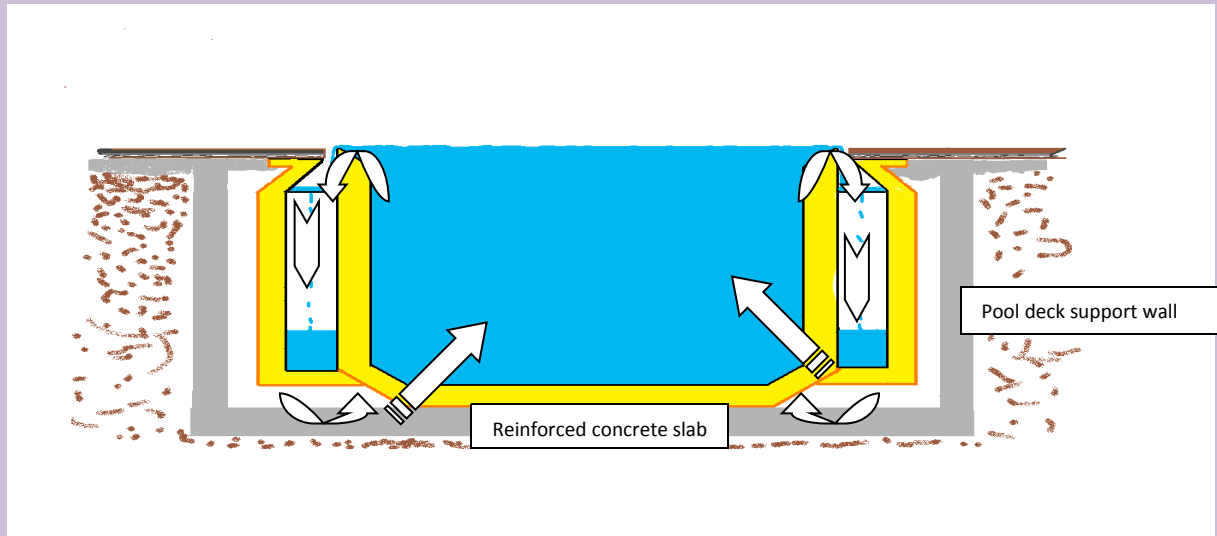
Model	overall length	overall width	Basin length	basin width	Depth
Coridor swin 12	12	2,49	11,71	2,2	1,38
Coridor swin 18	18	2,9	17,8	2,7	1,38
Coridor swin 24	24	3,4	23,8	3,2	1,38

These dimensions may be adjusted or adapted to suit the client.



Infinity edge system

A dedicated pump guarantees proper function of the infinity edge (overflow) system. The pump is powerful enough to create sufficient overflow to ensure the pool's skimming function. Water thus pumped into the pool basin is sent back via a series of adjustable nozzles.



Water storage

The buffer tank needed to regulate the water in the basin is integrated into the pool's construction, making a separate reservoir unnecessary. The capacity of this reservoir makes it possible to store excess reusable water, giving the pool an environmentally-friendly design.

Filtration

Filtration works using pre-filters and a special zeolite filter.

Pumps

There are two (2) pumps:

- One to maintain the infinity edge (overflow) system
- Another to filter and purify the water

Water purification

Water purification occurs during filtration cycles. There are two types of filtration systems available, either ozone-generating or ultraviolet.

When filtration is paused, water purity is maintained using an additive dispenser (bromine, oxygen).



Lighting

Our pools are lit with LED lamps positioned just below the waterline, guaranteeing a particularly beautiful lighting effect. Our lighting comes in a variety of colors and lasts approximately 50,000 hours.

Technical structure

The pre-fabricated and ready-to-install technical skid is comprised of a stainless steel structure housing all the equipment needed to install and use the pool.

Earthwork

There is no particularly difficult earthwork involved in installing a stainless steel Steel and Style pool. As with any traditional swimming pool, an area larger than the pool must be excavated according to a work plan. The pool must be set on top of a concrete slab having adequate mechanical properties and must correspond to precise geometrical criteria. Border tiles or paving should not rest against the pool and must be supported by walls which are perpendicular to the pool in order to avoid any deck or paving area movement with respect to the pool basin.

Options

We offer the following options:

- Pool basin furnishings
 - **Straight or angled stairs**
 - **Ladder**
 - **Paved area surrounding the pool**
 - **Seats**
 -/....
- Equipment:
 - **Counter-current**
 - **Automatic cover**
 - **Heat**
 - **Dehumidification**
 -/....

Other furnishings and equipment are available for client selection.