COMPETITION MATERIALS

COMPETITION POOL SYSTEMS	375	LANE ROPE STORAGE
Movable BULKHEAD		EQUIPMENT
Movable WALL	375	BCN03 Lane rope storage basket
Movable FLOOR	375	Lane rope roller
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·	379	TURNING PANELS
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BCN03 Competition lane rope model	000	COMPETITION EQUIPMENT
Sydney model	200	•
Roma model		Horizontal flange anchoring sockets Angled flange anchoring socket
Moscow model	381	Anchoring socket with locking bolts
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BCN03 model		
Sydney model	381	Water polo goal
	Movable BULKHEAD Movable WALL Movable FLOOR Sparger - Safety on diving boards Location of the equipment used in competition pools SWIMMING POOL COMPETITION PODIUMS Starting block Headwall for podiums Podium fixing LANE ROPES Starting blocks numbers BCN03 Competition lane rope model Sydney model Roma model Moscow model FLOATS BCN03 model	Movable BULKHEAD Movable WALL Movable FLOOR Sparger - Safety on diving boards Location of the equipment used in competition pools SWIMMING POOL COMPETITION PODIUMS Starting block Headwall for podiums Podium fixing LANE ROPES Starting blocks numbers BCN03 Competition lane rope model Sydney model Roma model Moscow model FLOATS BCN03 model 375 375 376 378 378 379 379 380 380 380 380 381 FLOATS BCN03 model



Moscow model





COMPETITION POOL SYSTEMS

The movable bulkhead, Wall and floor technology developed by Fluidra multiplies a pool's possibilities, as it divides it into different spaces and makes different sizes, depths and possible uses. This increases the profitability of the available space and saves on the construction costs involved in building different aquatic facilities.



MOVABLE BULKHEAD







A **Movable Bulkhead** is a vertical underwater structure able to move lengthwise across a pool floor to form a physical barrier, to make the most of the space in a pool as it divides it into areas for different uses.

STANDARD MODEL

MEDITERRANEAN MODEL























Benefits:

Easily integrable solution Fina Compliant Quick installation Added value for businesses Easy to use Durable

Low maintenance

MOVABLE WALL





The **Movable Wall** is install at a fixed point on the pool floor where the pool is divided into two parts. In rest position, when the wall is not in use, the wall is completely flat in a recess on the pool floor. In a newly built swimming pool, the wall are integrated in a structural recess, so that the wall is not visible in its resting position.





Benefits:

Easily integrable solution
Quick installation
Added value for businesses
Easy to use
Durable
Low maintenance







A **Movable Pool Floor** makes possible the use of a single swimming pool to stage several activities at the same time that require various depths of water. The system is based on a mobile platform submerged in the water that changes the height of the pool shell, which enables a number of areas of varying depths to be created according to needs. In addition, the movable pool floor can be used to partially or totally cover a pool, which means greater energy savings and safety.





Benefits:

Easily integrable solution Quick installation

Added value for businesses

Easy to use

Durable

Hygienic

Reliable

Low maintenance

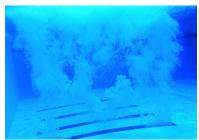
SPARGER - Safety on diving boards



When diving off a diving board, the undisturbed water forms a fairly resistant surface, which if combined with a bad descent can result in serious injury on impact.

AstralPool has added **Sparger technology** to its pools in the shape of a new safety system for diving pools. Air is released at high pressure from the pool floor, which forms a large amount of bubbles when it mixes with the water to form a cushion for divers. This reduces the risk of injury and divers are more confident when they dive into the water, whether they are beginners or professionals.

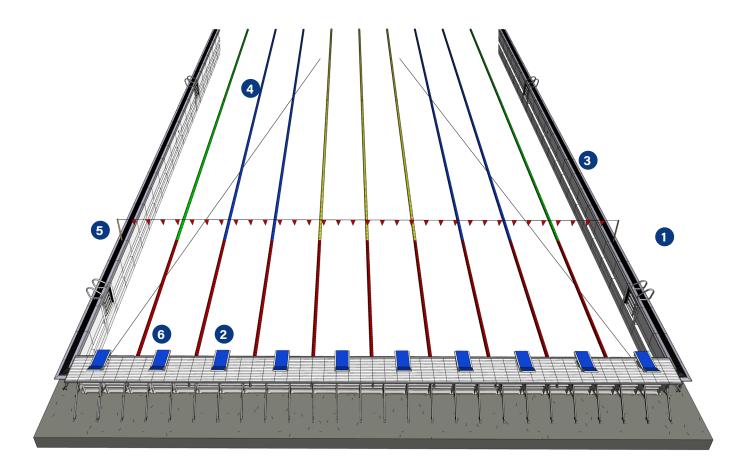






LOCATION OF THE EQUIPMENT used in competition pools





- Ladder
- Starting block
- 3 Grating for pool overflow
- 4 Float lines
- 6 Backstroke flags
- 6 Turning panel with supports



STARTING BLOCK

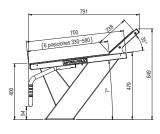
Specially designed for competition events. Available with adjustable footrest to facilitate entry into the water.

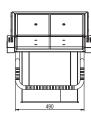
Its minimalist design in high quality materials gives it an elegant and modern look.

Manufactured in AISI-316 stainless steel. Polished surface finish. Adjustable support (6 positions). Fastening 54460 not included in supply.

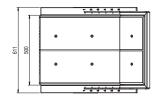
Code Standard Standard weight Standard volume Pack in kg in m³ Starting block 53875











STARTING BLOCK H-700 mobile support

ASTRALPOOL A

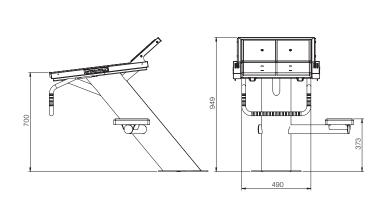
Specially designed for competition FINA compliant and UNE EN 13451-4. It has adjustable support of 6 positions to facilitate the exit to the swimmer. Made of AISI-316 stainless steel and with a height of 700 mm to avoid having to install headwall for podiums in the pool. Installation with anchor 73971 not included in supply.

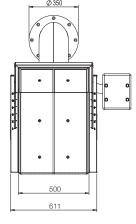






Complies with Fina Standards







STARTING BLOCK H-700 anchorage



Anchor designed for the H-700 podium with support, code 74011, to be embedded in concrete. Made in Stainless Steel AISI-316L.

	Code	Standard Pack		Standard volume in m ³
Anchor	73971	1	8.42	-

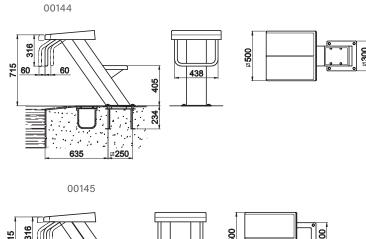
STARTING BLOCKS

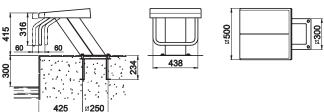


Base in S.S. AISI-316. Adjustable platform in polyester & fibreglass with non-slip finish 500 mm x 500 mm. Number sequence not included. Plate anchoring for starting block in AISI-316 code 54461 not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
POLISHED FINISH:				
Height 700 mm Height 400 mm	00144 00145	1 1	32.0 25.3	0.36 0.18









STARTING BLOCKS



Standard weight Standard volume

Made in S.S. AlSI-304. Platform in Polyester and fibreglass with non-slip finish 500 mm \times 500 mm. Number sequence not included.

	Code	Pack	in kg	in m ³
POLISHED FINISH:				
Height 700 mm	00146	1	25.0	0.48
Height 400 mm	27578	1	18.0	0.11

Code

Standard .

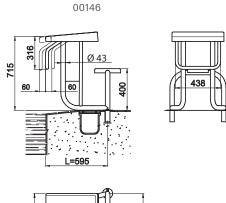
Note: The starting block with code number 00146 may be made to order to adapt to the position of the overflow channels.

In such cases, the measurement for L must be provided.

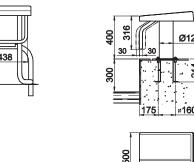
Notes:

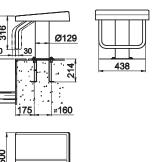
Code 00146: Fastener (code 00143), not included. Code 27578: Fastener (code 54462), not included.





200





27578





VELOCITY ADVANTAGE Starting block





Velocity Advantage starting blocks feature strong fiberglass footboards with track start wedge on an HDPE composite base, particularly suitable for bulkheads.

- The marine grade HDPE composite base easily mounts to pool decks or bulkheads with minimal drilling.
- 41cm height makes it well suited for bulkheads and end walls with 20 cm to 42 cm deck to water heights.
- \bullet The 71cm x 81cm footboard surface is available with TrueTread $^{\otimes}$ or sand tread.
- Track start wedge, adjustable to 5 positions, easily tucks under the footboard.
- Three built in backstroke handholds two center positions and one on each side.
- Colorado & Daktronics timing system compatible.
- · Custom colors and logos available on sand tread footboards.
- Meets FINA, NCAA, NFSHSA*, USMS and USAS competition pool rules and regulations.

TrueTread available colors:











GRAY

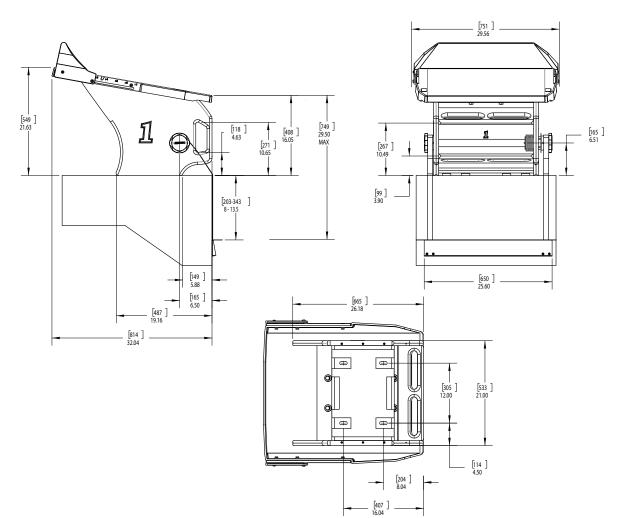
BLUE

RED

Sand Tread available colors:

- White, Red, Blue, Green and Yellow.
- Personalize the foot board with your logo. Logo can be only be applied to white Sand Tread.

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Velocity Advantage with TrueTread™	VELO-ADV-BK-T	1	53	-
Velocity Advantage with Sand tread	VELO-ADV-BK-S	1	53	-
Anchor kit, velocity advantage.	27-111	1	53	-







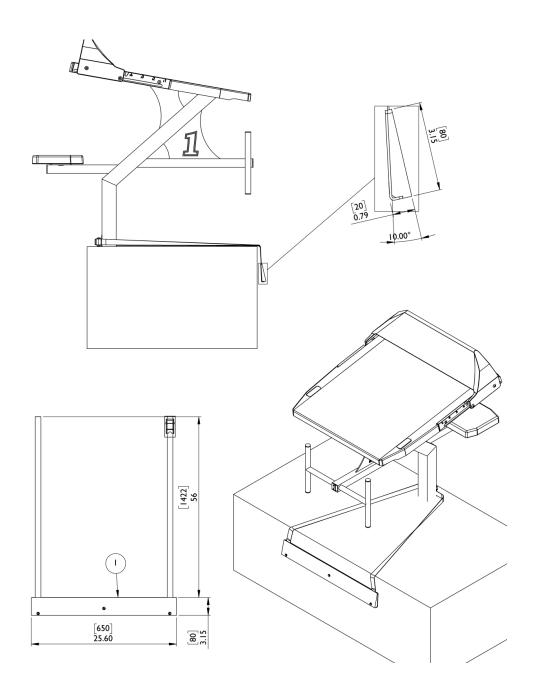
BACKSTROKE START TRAINING device





- Anti-slip backstroke ledge with raised diamond pattern.
 Two 5-foot polyester straps with stainless steel cam buckle to secure and adjust height.
- Works with a wide variety of starting platforms.

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Backstroke start training device	03-650T	1	1.4	-



NEW 2023

SWIMMING POOL COMPETITION PODIUMS

BACKSTROKE START SYSTEM







Designed to help make backstroke starts faster and reduce the chance for slipping, the Backstroke Start System provides the option to easily add this capability to virtually any pool deck or starting platform configuration..

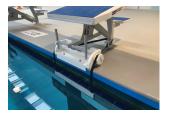
- Anti-slip backstroke ledge with raised diamond pattern.
- Easily adjustable ledge height with one-handed operation from in or out of pool.
- Spool end marked with millimeter increments (-40, -20, 0, 20, 40).
- Durable HDPE frame to protect from harsh elements at either indoor or outdoor locations.
- Three unique mounting options to secure device to most deck and block configurations.
- Clear markings on spool to show height of ledge to water level for compliance.
- FINA 2.10 compliant for competition.

3 mounting options:



ANCHOR MOUNTING KIT

Plastic anchor with grounding bolt fastened with plastic-headed stainless steel thumb screws



BRACKET MOUNTING KIT

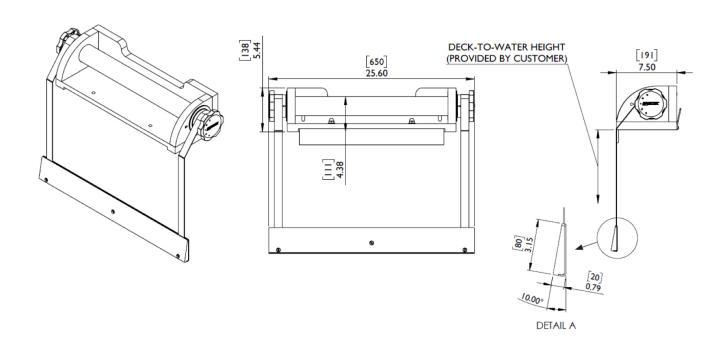
Vinyl-coated 1/4" thick stainless steel bracket with 10 foot long polyester strap and stainless steel cam buckle



SQUARE POST-MOUNTING KIT

Vinyl-coated 1/4" thick stainless steel plate and two brackets shaped to lock onto 2 inch square single post frames

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Backstroke start system base unit	BSS1000	1	11	-
Anchor Mounting Kit	13-600	1	2.3	-
Bracket Mounting Kit	13-601	1	3.2	-
Square Post-Mounting Kit	13-603	1	4.6	-





HEADWALL FOR PODIUMS

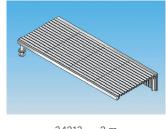


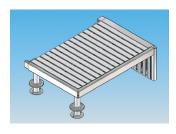
AstralPool has created a headwall that allows starting blocks to be attached. This addition extends our range of products for competition. The item consists of an AISI-304 Stainless Steel structure and plastic grating. The platform can also be used as a turning panel and includes anchors for float lines.



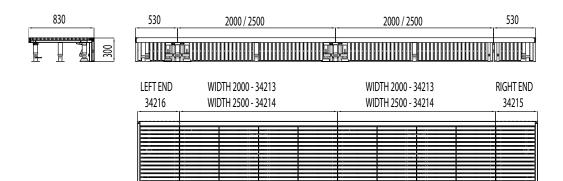
	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Headwall, lane width 2 m	34213	1	-	-
Headwall, lane width 2.5 m	34214	1	-	-
Headwall, right corner	34215	1	-	-
Headwall, left corner	34216	1	-	-







16 34213 - 2 m 34214 - 2.5 m 34215



PODIUM FIXING



Anchoring for installation of the podiums in concrete, made in Stainless Steel AISI-304/316, composed by inground base, bolts and washers, with connection to the equipotential circuit.

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Made in AISI-316				
Competition podium fixing	54460	1	2.4	0.02
Fixing for the podium	54461	1	3.5	0.02
Made in AISI-304				
Fixing for the podium	54462	1	2.4	0.02

Fastening 54460: For podiums codes 28760 - 28761 - 53875 Fastening 54461: For podiums codes 00144 - 00145 - 19956

Fastening 54462: For podium code 27578

LANE ROPES

11

100 mm

80 mm

STARTING BLOCKS NUMBERS

ASTRALPOOL 🖍

4 units of each supplied.

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Height 80 mm				
(For starting blocks 00146 - 27578 - 27836) For starting blocks from 1 to 6 For starting blocks from 1 to 10	28616 28617	1 1	-	-
Height 100 mm				
(For starting blocks 00144 - 00145 - 19956 28760 - 28761 - 53875) For starting blocks BCN03 from 1 to 6 For starting blocks BCN03 from 1 to 10	34200 34201	1 1	0.1 0.1	0.001 0.001



BCN03 Competition lane rope model



Lane ropes supplied assembled with floats, 6 mm stainless steel rope (code 28808), tightener (00208) and spring (01468). Floats with interior turbines with an external \emptyset of 148 mm in accordance with FINA international swimming federation regulations.

	Code	Pack	in kg	in m ³
25 m				
Red - White colour	67599	1	-	-
Red - Green colour	67601	1	-	-
Red - Blue colour	67602	1	-	-
Red - Yellow colour	67603	1	-	-
50 m				
Red - White colour	67600	1	-	-
Red - Green colour	67604	1	-	-
Red - Blue colour	67605	1	-	-
Red - Yellow colour	67606	1	-	-

It is possible to supply any length, colour combination and rope.



LANE ROPES













It is possible to supply any length, colour combination and rope.



SYDNEY model



Range comprising lane ropes with an external Ø of 148 mm in accordance with FINA international swimming federation regulation FR 3 for pools for Olympic Games or world championships. Supplied assembled with floats, 6 mm stainless steel rope (code 28808), tightener (00208) and spring (01468).

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
12.5 m*				
White colour	67607	1	-	-
16.5 m White colour				
White colour	67608	1	-	-
25 m				
Red - White colour	67609	1	-	-
Red - Green colour	67612	1	-	-
Red - Blue colour	67613	1	-	-
Red - Yellow colour	67614	1	-	-
33 m³/h				
Red - White colour	67610	1	-	-
50 m				
Red - White colour	67611	1	-	-
Red - Green colour	67615	1	-	-
Red - Blue colour	67616	1	-	-
Red - Yellow colour	67617	1	-	-

^{*} Available in other colours (blue, green, yellow)











	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
12.5 m White colour	67618	1	-	-
16.5 m White colour	67619	1	-	-
25 m Orange - White	67620	1	-	-
33 m Orange - White	67621	1	-	-
50 m Orange - White	67622	1	-	-

^{*} Available in other colours (Blue, Green, Red)



MOSCOW MODEL



Supplied assembled with floats, 7 mm polyester rope (code 00210), tightener (00209) and hook (00207).

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
12.5 m White colour	67623	1	-	-
16.5 m White colour	67624	1	-	-
25 m Orange - White	67625	1	-	-
33 m Orange - White	67626	1	-	-
50 m Orange - White	67627	1	-	-

^{*} Available in other colours (Blue, Green, Red)

FLOATS



BCN03 MODEL



Supplied with inner turbine mechanism.

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Colour				
White	28204	-	-	-
Green	28425	-	-	-
Blue	28423	-	-	-
Red	28424	-	-	-













SYDNEY MODEL



	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Colour				
White	54032	-	-	-
Yellow	54031	-	-	-
Blue	54028	-	-	-
Red	54029	-	-	-
Green	54030	-	-	-

MOSCOW MODEL







	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Moscow propeller:				
Colour				
White	00161	150	7.0	0.070
Orange	00162	150	7.0	0.070
Blue	00163	150	7.0	0.070
Red	00164	150	7.0	0.070
Rome floaters:				
Colour				
White	00149	500	7.0	0.110
Orange	00150	500	7.0	0.110
Blue	00151	500	7.0	0.110
Red	00152	500	7.0	0.110

LANE ROPE STORAGE EQUIPMENT

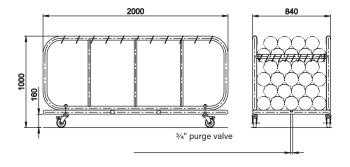


BCN03 Lane rope storage basket



A new trolley designed to transport and store the BCN03 Lane ropes after use in the swimming pool. The BCN03 lane rope storage basket is manufactured of AISI-316 Stainless Steel and includes a PVC bag for collecting excess water from the float lines. Due to the bag's bottom outlets, it is emptied in a controlled manner with no water spillage. The trolley has four castor wheels for maximum mobility. Two of these fitted with brakes. It can store a lane rope up to 50 m long (or 2 of 25) and can be used for all lane rope models.

Code	Standard Pack	Standard weight in kg	
28623	1	55.0	0.389





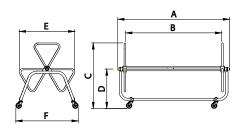
LANE ROPE ROLLER



Made in Stainless Steel AlSI-304, fitted with a large wheel for operation. It is mounted on 4 castor wheels for easy handling. Two of these are fitted with brakes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Width 1.2 m	58860	1	27	0.31
Width 1.8 m	58859	1	32	0.45

NUMBER OF LANE ROPES COLLECTED						
Model	1.2 m			1.8 m		
wodei	25 m	33 m	50 m	25 m	33 m	50 m
ROMA	8	6	4	12	9	6
SIDNEY	2	1	1	3	2	1
MOSCOW	4	2	2	6	3	3



TECHNIC	AL FEAT	URES				
Code	Α	В	С	D	Е	F
58860	1415	1125	1165	690	970	1085
58859	2015	1725	1100	090	3/0	1000

LANE ROPE ACCESSORIES

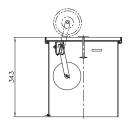


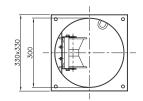
UNDER DECK lane rope storage system

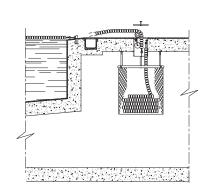


Made of AISI-316, allows the storage of the float lines beneath the deck. The float line box is embedded in the pool surround and holds the retractable reel over which the float line slides into the hole. This unit can be complemented with a lane rope collecting bag if required.

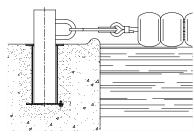
Code	Standard Pack	Standard weight in kg	Standard volume in m³
15842	1	12.8	0.08





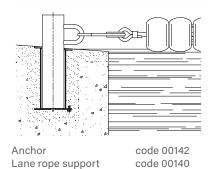


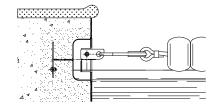
Zurich/Wiesbaden type installation diagram



Anchor code 00141 Lane rope support code 00140

Finnish type installation diagram





Standard type Installation diagram

Anchoring cup

code 09206 code 09207 code 00205 code 00206

LANE ROPE ANCHOR





Made in AISI-316 stainless steel. To use with anchoring fixture 00141 and 00142.

Code		Standard weight in kg	Standard volume in m³
00140	2	0.63	0.003

CONCRETE anchoring cup with central rod



Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
For concrete nool	09206	1	0.4	0.001

LANE ROPE ACCESSORIES

CONCRETE anchoring cup with central rod



Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For prefabricated pools	09207	1	0.5	0.001

RETRACTABLE ANCHORING CUP



Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For concrete pool with a retractable hook	00205	1	0.46	0.001

RETRACTABLE ANCHORING CUP



Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For prefabricated pools with retractable hook, flange, gaskets and screws	00206	1	0.6	0.001



LANE ROPE RATCHET



Chrome plated brass.

Code		Standard weight in kg	Standard volume in m³
00208	1	0.97	0.002



LANE ROPE RATCHET



AISI-316 stainless steel.

Code	Standard Pack	Standard weight in kg	Standard volume in m³
00209	1	0.2	0.001

LANE ROPE ACCESSORIES



LANE ROPE SPRING



AISI-204 stainless steel with cable fastener.

Code	Standard Pack	Standard weight in kg	
01468	1	0.62	0.002



LANE ROPE HOOK



Stainless Steel AISI-304.

Code	Standard Pack	Standard weight in kg	Standard volume in m³
00207	100	5	0.01



CORDS AND CABLES



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 7 mm polyester rope AISI-316 stainless steel cable	00210	110 m	2.0	0.090
Ø 4 x 6 mm with plastic coating DIN 3055 BCN03 AISI-316 Stainless Steel cable	00211	-	0.1	0.001
Ø 6 mm without plastic coating	28808	-	-	-



FALSE START INDICATORS



Please indicate pool width when placing your order.

Comprises 2 posts in AISI-316 S.S. (one with pully and quick release cord). Height 1.8 m. Anchoring socket not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
False start posts:				
- Pool width up to 21 m Ø 43 mm pipe for use with anchoring sockets 00141 and 00142	19950	1	5.6	0.01
- Pool width over 21 m Ø 48 mm pipe for use with anchoring sockets 19960 and 19961	19951	1	9.4	0.01
False start floats:				
Polyester cord and floats	19954	1	-	-

NOTE:

You must state the pool dimensions and depths on placing your order.



SIGNAGE

BACKSTROKE TURN INDICATORS





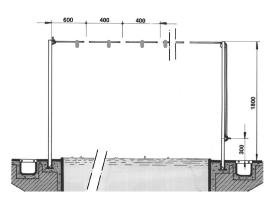
NOTE: You must state the pool dimensions and depths on placing your order.

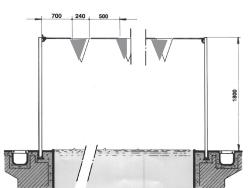


Please indicate pool width when placing your order.

Comprises 4 posts in AISI-316 stainless steel. Height 1.8 m. Anchoring sockets not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Backstroke turn indicator posts				
- Pool width up to 21 m Ø 43 mm pipe for use with anchoring sockets 00141 and 00142	19952	1	11.2	0.03
- Pool width over 21 m Ø 48 mm pipe for use with anchoring sockets 19960 and 19961	19953	1	20.0	0.03
Backstroke turn indicator bunting				
2 units	19955	1	-	-





TURNING PANELS

TURNING PANELS





NOTE: You must state the pool dimensions and depths on placing your order.



In AISI-316 stainless steel with plastic lattice screen. Height 300 mm. Fixing support (00139) is not included

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Lane width 2 m	00137	1	13.6	0.040
Lane width 2.5 m	00138	1	16.5	0.051

TURNING PANELS

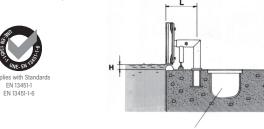
BRACKET



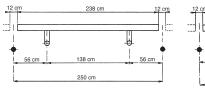


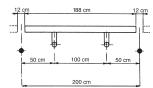


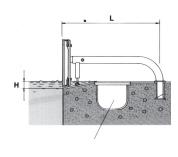
AISI-316 stainless steel (for coupling to 00141 and 00142 fasteners). State H and L dimensions and type of overflow channel when placing an order. A minimum of two units are required for each rotating panel.



ANCHORING DETAILS WHEN MEASUREMENT «L» IS LESS THAN 500 mm.

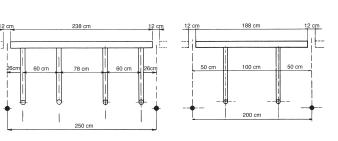






Zurich-Wiesbaden. In S.S. AISI-316.

ANCHORING DETAILS WHEN MEASUREMENT «L» IS OVER 500 mm.



ATTACHMENTS FOR COMPETITION EQUIPMENT

HORIZONTAL flange anchoring sockets





	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For Ø 43 mm pipe	00141	2 2	1.17	0.002
For Ø 48 mm pipe	19960		1.3	0.002



ANGLED flange anchoring socket



Finnish. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For Ø 43 mm pipe	00142	2 2	1.13	0.002
For Ø 48 mm pipe	19961		1.26	0.002

ATTACHMENTS FOR COMPETITION EQUIPMENT

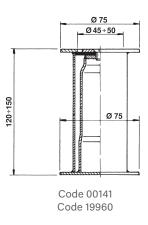


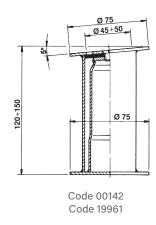
ANCHORING socket with locking bolts

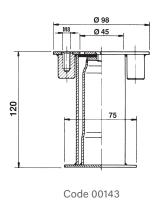


With bolts. In S.S. AISI-316.

Code		Standard weight in kg	
00143	2	1.47	0.003







WATER POLO GOAL

Fina STANDAROS Complies with Fina

WATER POLO GOAL

The water polo goal is lightweight, floating and very resistant. It is built entirely from aluminium and is ovenpainted white.

Manufacturing and measurements in accordance with FINA international swimming federation standards.

- Floating: Polyurethane foam-filled aluminium floats.
- Goal frame: 80 x 50mm aluminium tube
- Net fastening: 6 mm stainless steel round rod.
- Net side pipe: 23 mm stainless steel round pipe with fastening in frame and float.
- Fastening for goal lines.
- · Nets included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Official water polo goal kit	69654	1	-	-