

USM

COMPANY

WE ARE PRODUCE KAYAK-CANOE
ERGOMETERS



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TANDEM KAYAK TRAINING MACHINE

A training machine for imitating and perfecting tandem kayak technique equipped with a moving cart.

It is intended for the advancing and improving the crew paddling technique, the working out coherence of movements and partner's feelings, as well as for the developing a special physical training of kayakers and testing for a special physical condition in kayaking. When working on this training machine, kayakers must sit on a sliding seat (a seat similar to the seat located in a tandem kayak in smooth water) attached to a cart with 10 wheels, and move forward and backward along the frame, performing the same movements as in a kayak in smooth water.

The training machine is made of a steel profile, a steel shaft, a cast-iron pulley fitted with wire ropes and a rubber band.

The training machine has an aerodynamic load block allowing to reduce or increase force on the "paddle" when working. It is equipped with a moving cart. This cart must move on special rollers along the frame without external interference.

The training machine is delivered with a kit of loads (4 pcs. x 2 kg, 2 pcs. x 1 kg, 2 pcs. x 0.5 kg)..



TANDEM CANOE TRAINING MACHINE

A training machine for imitating and perfecting tandem canoe technique equipped with a moving cart.

It is intended for the advancing and improving the crew paddling technique, the working out coherence of movements and partner's feelings, as well as for the developing a special physical training of kayakers and testing for a special physical condition in canoeing. When working on this training machine, canoeists must get down on their knees on a special platform attached to a cart with 10 wheels and move forward and backward along the frame, performing the same movements as in a canoe in smooth water.

The training machine is made of a steel profile, a steel shaft, a cast-iron pulley fitted with wire ropes and a rubber band.

The training machine has an aerodynamic load block allowing to reduce or increase force on the "paddle" when working. It is equipped with a moving cart. This cart must move on special rollers along the frame without external interference.

The training machine is delivered with a kit of loads (4 pcs. x 2 kg, 2 pcs. x 1 kg, 2 pcs. x 0.5 kg).

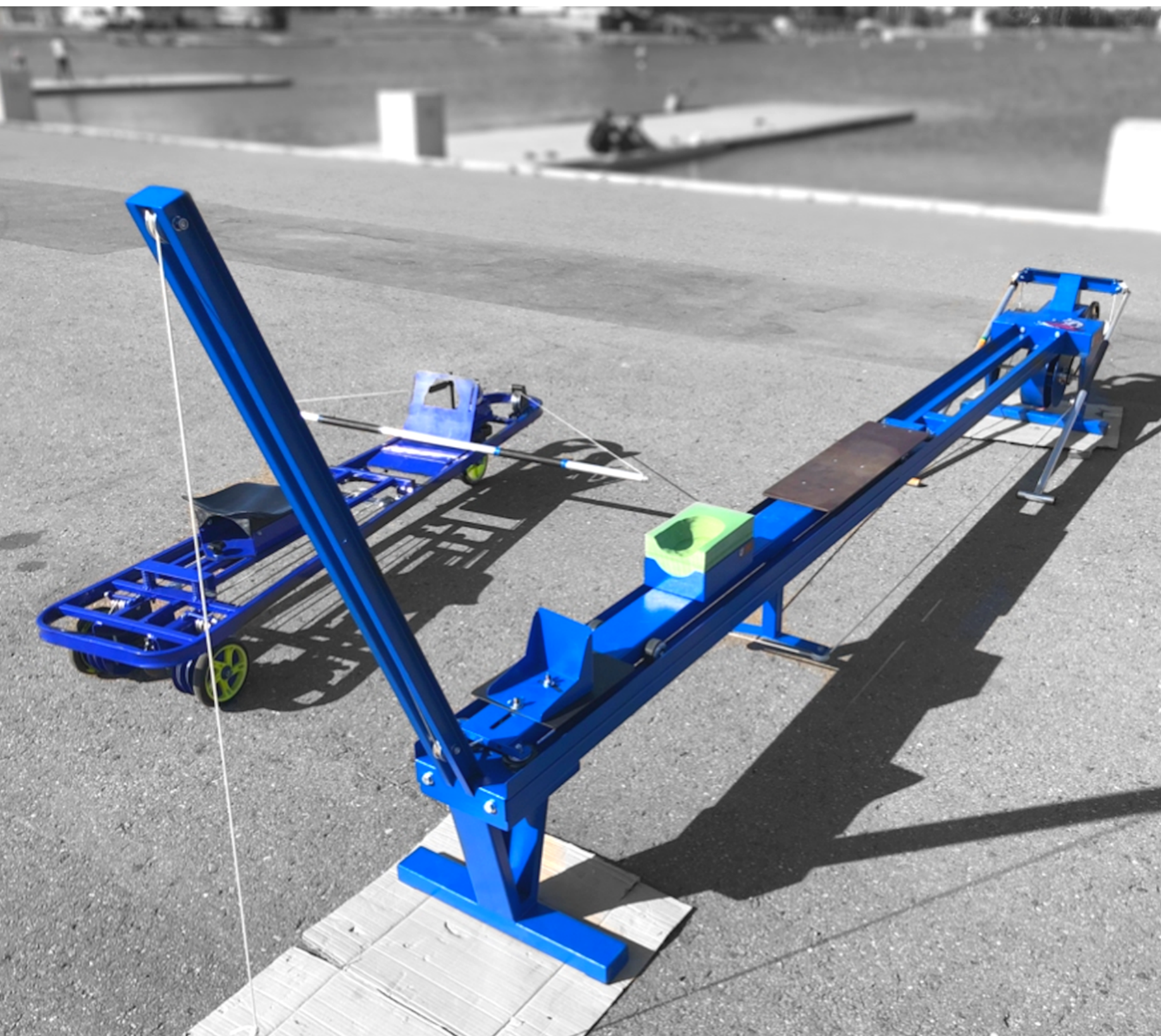
CANOE TRAINING MACHINE (COMPACT FOR HOME)

A TRAINING MACHINE FOR IMITATING AND PERFECTING PADDLING TECHNIQUE.

It is intended for the advancing and improving canoeing technique, as well as for the developing a special physical training of kayakers and testing for a special physical condition in canoeing. When working on this training machine, a canoeist must get down on his knees on a special fixed platform and move forward and backward along the frame.

The training machine is made of a steel profile, a steel shaft, a cast-iron pulley fitted with wire ropes and a rubber band.

The training machine is equipped with an aerodynamic load block, which reduces or increases force on the "paddle", a frame, a canoe paddle simulator, a kit of loads, an additional platform for placing a pillow under a canoeist's knee, a foot stop, adjustable depending on the canoeist's anthropometric data.



CANOE TRAINING MACHINE WITH A DRIVE CART

A training machine for imitating and perfecting canoeing technique with a drive cart.

It is intended for the advancing the canoeing technique, as well as for the developing a special physical training of canoeists and testing them for a special physical condition. When working on this training machine, a canoeist must get down on his knees on a special platform attached to a cart with 4 wheels and move forward and backward along the frame.

The training machine is made of a steel profile, a steel shaft, a cast-iron pulley fitted with wire ropes and a rubber band.

The training machine is equipped with an aerodynamic load block, allowing to reduce or increase force on the "paddle" when working. It is equipped with a moving cart. This cart must move on special rollers along the frame without external interference.

The training machine is delivered with a kit of loads (4 pcs. x 2 kg, 2 pcs. x 1 kg, 2 pcs. x 0.5 kg). Length 4 m; Width - 0,6 m; Weight - 70-80 kg.



WHEELED KAYAK TRAINING MACHINE (IRONKAYAK-2)

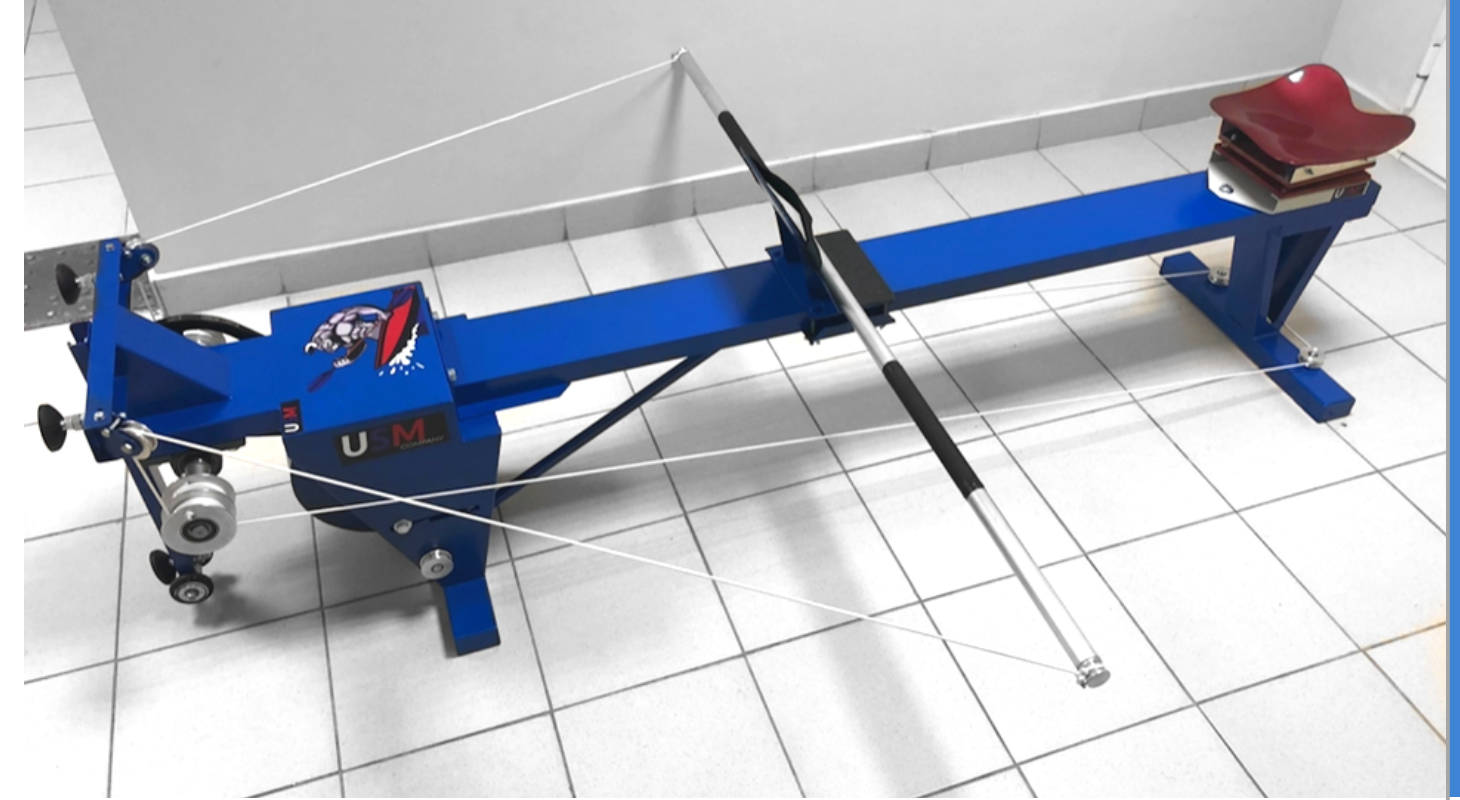
A training machine for imitating and perfecting kayaking technique.

This unique equipment allows to:

- diagnose the functional condition of the kayakers' organisms;
- conduct competitions and training regardless of the availability of an appropriate water body;
- increase the effectiveness of kayakers' training by introducing new principles of training process.

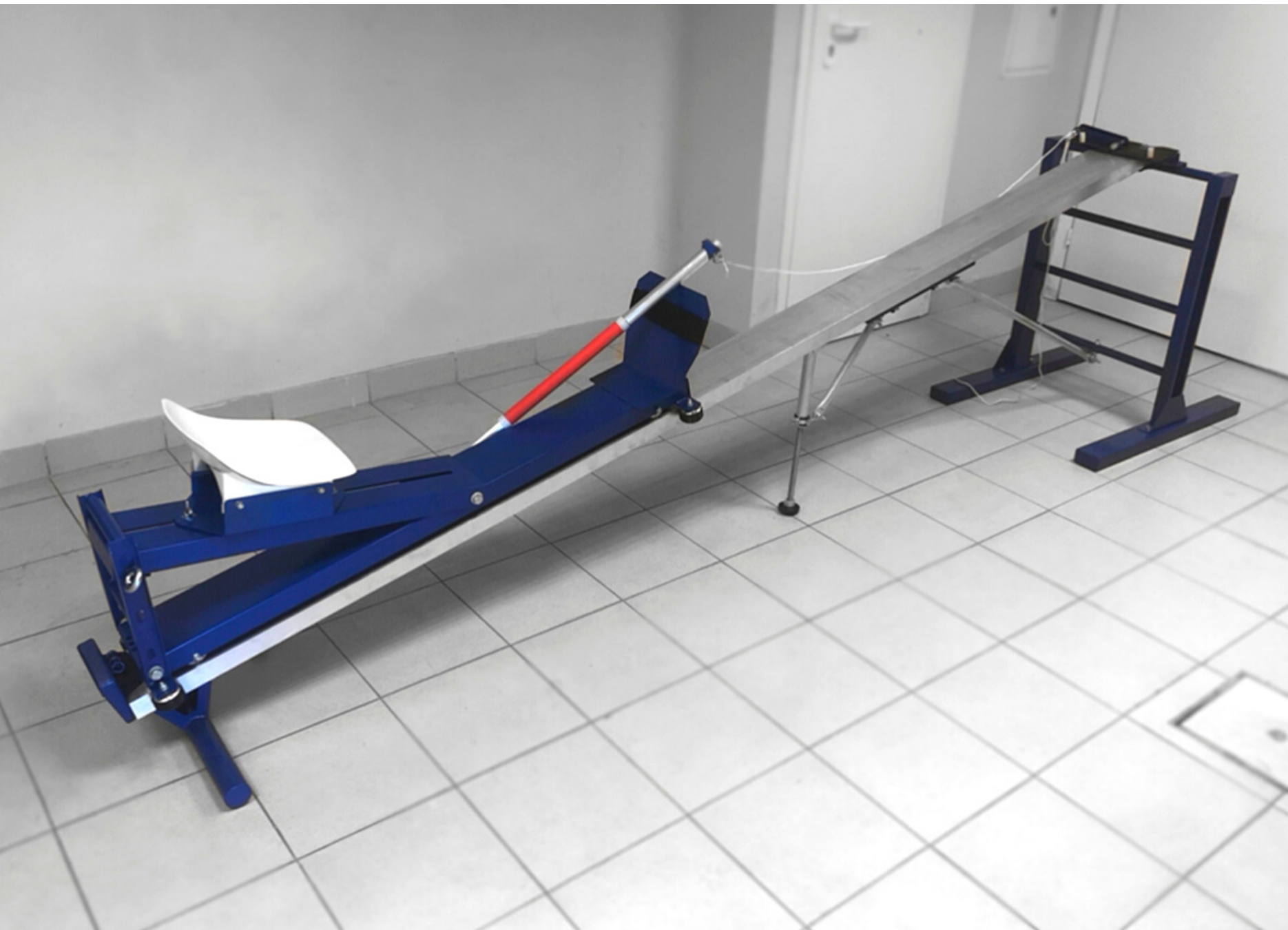
The paddling machine enables you to optimize the training process when it is impossible to get out on the water. This solution is oriented towards both professional kayak, canoe, slalom paddlers, and lovers who are forced to refrain from training on smooth water for several months in the winter period.

A blue manual winch or hoist system, branded 'U.M.', is shown against a plain wall. The device consists of a vertical blue frame with a central silver-colored shaft. A black handle is attached to the shaft. At the top, a pulley system is visible, with a white rope or cable running through it. The base of the device is blue and features two large black wheels for mobility. A yellow label with a warning symbol is visible on the base. The device is positioned on a light-colored tiled floor.



The training machine has an aerodynamic load block allowing to reduce or increase force on the "paddle" when working.

DRIVE TRAINING MACHINE (KAYAK)



The training machine allows the paddlers to feel the transfer of force from the paddle to the kayak.

It develops a special strength training.

Complete set: a frame adjustable in height (length – 3 m), a kayak cart, a kayak paddle hand grip, a returnable rubber.

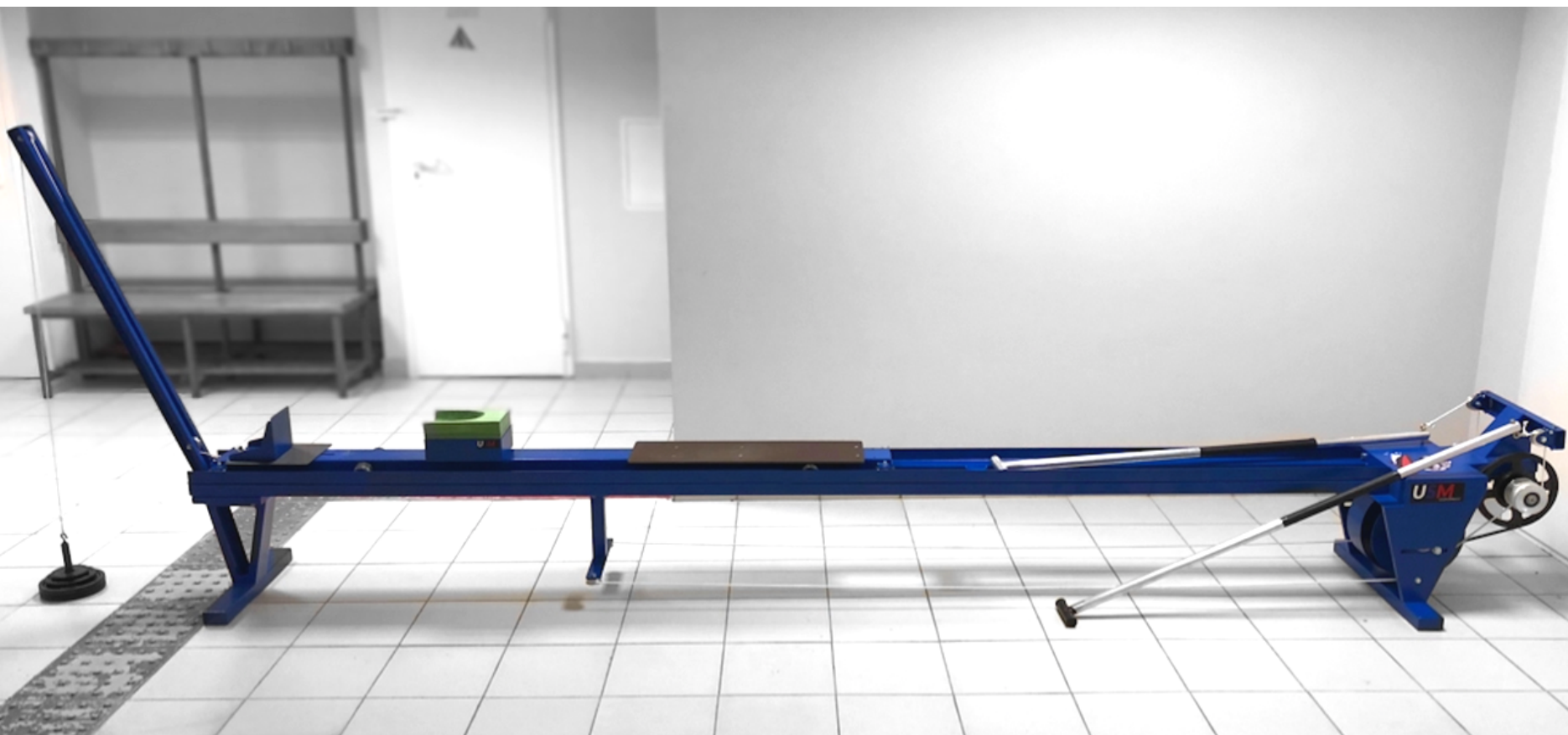
- a frame adjustable in height (length - 5 m),
- a canoe cart, a canoe paddle hand grip,
- a returnable rubber.



KCOMBINED TRAINING MACHINE (CANOE & KAYAK)

A training machine for imitating and perfecting kayak and canoe techniques.

It is intended for the advancing and improving the crew paddling technique, as well as for the developing a special physical training of kayakers and testing for a special physical condition in kayaking and canoeing.



When working on this training machine, paddlers must do the following: a canoeist must get down on his knees on a special platform attached to a cart with 4 wheels and move forward and backward along the frame, performing the same movements as in a canoe in smooth water.

A kayaker must sit on a sliding seat (a seat similar to the seat located in a tandem kayak in smooth water) attached to a cart with 4 wheels, and move forward and backward along the frame, performing the same movements as in a kayak in smooth water.

The training machine is made of a steel profile, a steel shaft, a cast-iron pulley fitted with wire ropes and a rubber band.

The training machine has an aerodynamic load block allowing to reduce or increase force on the "paddle" when working. It is equipped with a moving cart for a kayak or a canoe, which must move on special rollers along the frame without external interference.

The training machine is delivered with a kit of loads (2 pcs. x 2 kg, 1 pcs. x 1 kg, 2 pcs. x 0.5 kg).

DRAGON BOAT PADDLERS TRAINING MACHINE

A training machine for imitating and perfecting paddling technique.

It is intended for the advancing and improving dragon boat paddling technique, as well as for the developing a special physical training of kayakers and testing for a special physical condition in dragon boat paddling.

When working on this training machine, a dragon boat paddler must sit on a special platform and perform the same movements as in a dragon boat in smooth water.

The training machine is made of a steel profile, a steel shaft, a cast-iron pulley fitted with wire ropes and a rubber band. The training machine is equipped with an aerodynamic load block, which reduces or increases force on the "paddle", a frame, a dragon boat paddle simulator, a front foot stop and a back foot stop.



SLALOM TRAINING MACHINE

A TRAINING MACHINE FOR IMITATING AND PERFECTING PADDLING TECHNIQUE.

It is intended for the advancing and improving slalom technique, as well as for the developing a special physical training of kayakers and testing for a special physical condition of slalom paddlers. When working on this training machine, a paddler must stand on a special platform and perform the same movements as in a boat.

The training machine is made of a steel profile, a steel shaft, a cast-iron pulley fitted with wire ropes and a rubber band. The training machine is equipped with an aerodynamic load block, which reduces or increases force on the "paddle", a frame, a canoe paddle simulator, a foot stop adjustable depending on the canoeist's anthropometric data.



DRIVE TRAINING MACHINE (WEIGHT TRAINING MACHINE)

A training machine for imitating and perfecting kayaking technique.

It is intended for the advancing and improving kayaking technique, as well as for the developing a special physical training of kayakers and testing for a special physical condition of kayakers. The training machine allows a paddler to feel the transfer of force from the paddle to the boat. It develops a special strength training.

Complete set: a duralumin frame (2 meters), a kayak cart, a kayak paddle hand grip, a returnable rubber. A special roller is installed on the back of the frame, through which the cart is attached to the training machine bottom block to work with maximum weights.

KAYAKING PLATFORM (ATTACHABLE TO THE BOTTOM BLOCK)

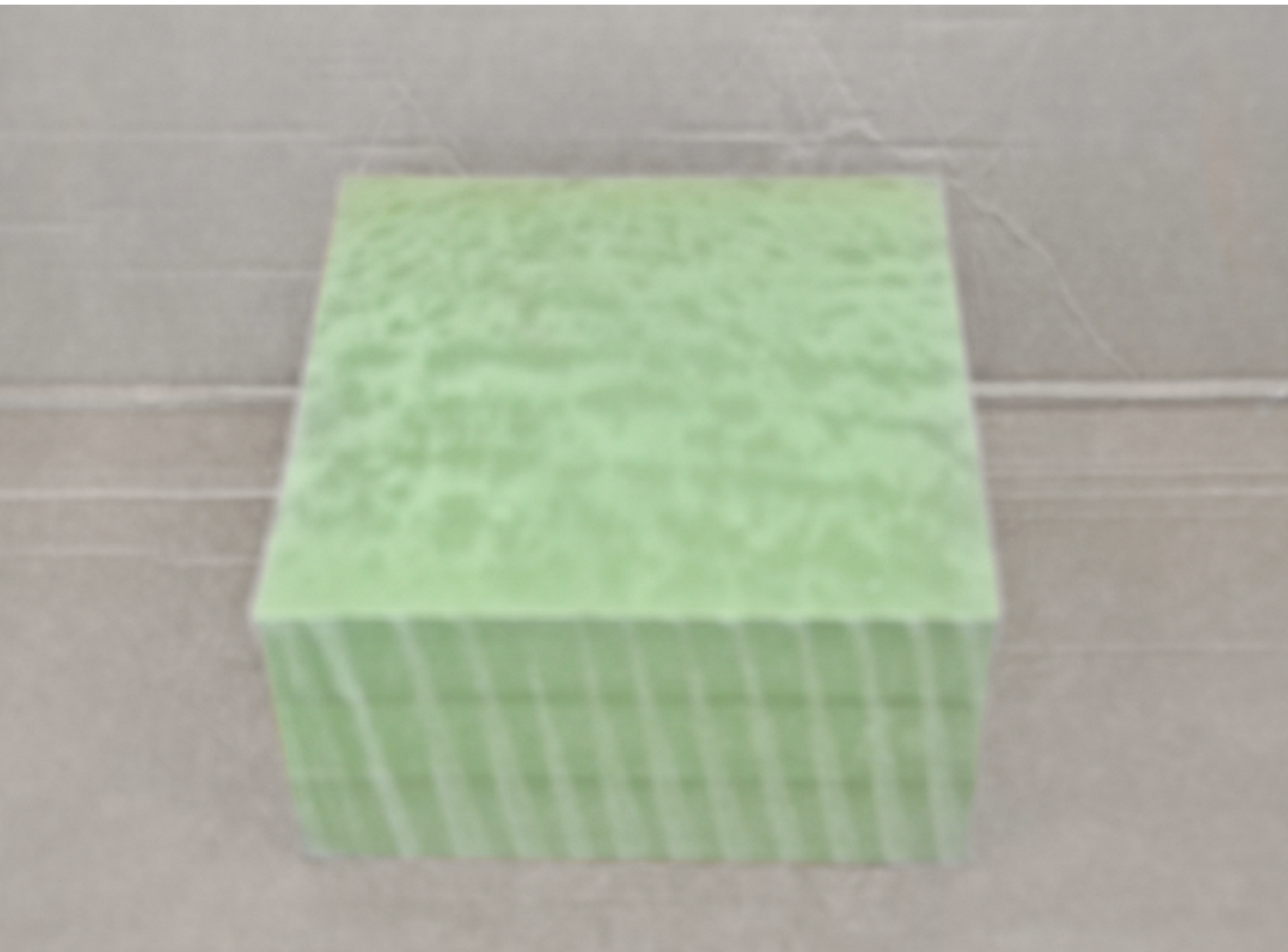
THE DEVICE IS DESIGNED TO IMITATE AND IMPROVE THE PADDLING TECHNIQUE, AS WELL AS FOR THE DEVELOPING A SPECIAL PHYSICAL TRAINING OF PADDLERS.

The platform consists of:

- A frame made of a steel profile of at least 2
- length not less than 120 cm
- width 50 cm

The platform should be equipped with a foot stop with a retainer and an anatomical seat adjustable depending on the length of the paddler's legs.

A PILLOW FOR CANOEISTS



Anatomical paddler's knee support.

A pillow for canoeists.

Consists of 3 glued layers.

Material: polyethylene foam.

Width 22 cm

Length 22 cm

Height 12 cm