MODERN FISH FARMING
TECHNOLOGIES AND PRODUCTS
FOR FISH FARMING AND BREEDING

www.agrico.cz
TECHNOLOGIES AND PRODUCTS FOR FISH FARMING AND BREEDING

EQUIPMENT FOR FISHERMEN

Our offer includes all needs for fish farming. We supply automatic feeding systems for ponds and fish tanks. The advantage of these systems is savings in fish feed and labor for fish farming operations. For the processing of fish feed you can use grain mash, which is a necessary component in intensive aquaculture production. We also cater for the storage of feed, and therefore we offer outdoor grain silos.

FISHING EQUIPMENT FOR FISH PRODUCTION

We also offer equipment for fish production, such as troughs for egg incubation-hatching, rearing troughs and circular rearing tanks.

FISHING BOATS AND OTHER EQUIPMENT FOR FISHERMEN

For the purpose of harvesting ponds and manual feeding we offer fishing boats and other means of transport of fish such as carriers, fish crates, fish tubs, slide ramps for fish and other tools and equipment for the fishing industry.

Fish equipment are made from polypropylene copolymer with UV stabilizer. This ensures their long-term durability – resistance to sunlight. We offer products of standard dimensions, but on request we can also supply products according to individual requirements.

The plastic parts are all made from a polypropylene copolymer with UV stabilizer that is resistant to sunlight.

The metal parts are made from stainless or galvanized steel.

AGRICO s. r. o.
Rybářská 671
CZ - 379 01 Třeboň II.
tel.: +420 384 704 111
fax: +420 384 724 979
e-mail: agrico@agrico.cz

IČ: 260 32 163
DIČ: CZ26032163

The company is registered in the Commercial Register kept by the Regional Court in Ceske Budejovice, Section C, Insert 10143

www.agrico.cz

ISO 9001
ISO 14001
OHSAS 18001

CONTENT

HANDLING AND TRANSPORTATION OF FISH 3–11
Carriers 3
Tanks 4
Weighing shells 4
Fish graders 5
Automatic fish grader – small 5
Transport and grading troughs 6
Automatic equipment connected to a transport and grading trough 6
Aquariums for sellers of live fish 7
Aeration tank for sellers of live fish 7
Slide ramps for fish 8
Slide ramp for fish connected to the transportation container 8
Funnel for moving fish to the transportation container 8
Crates for transport of live fish 9
Crates for transport of live fish – small 9
Crates for transport of live fish – individual 10
Crates for transport of live fish – monoblock 10–11
Aeration of transport crates 11

EQUIPMENT FOR FISH REARING 12–13
Troughs for incubating eggs – hatching 12
Trough inserts for the incubation of eggs 12
Rearing troughs 12–13
Circular rearing tanks 13

BOATS FOR FISHERMEN 14
Fishing boats 14
Fish feeding boats 14

AUTOMATIC FISH FEEDING CARP-FEED 15
HANDLING AND TRANSPORTATION OF FISH

CARRIERS

Fish carriers are used for carrying harvested fish, grading and other fish handling.

Fish carriers have the shape of a truncated pyramid allowing their storage by inserting one into the other for each given type. Thus, there is space saving during transport and storage. Carriers are made of 4 mm thick polypropylene.

Areas that are in contact with the hands have protection made of plastic pipe material, Hostalen copolymer, or rubber pressure hoses. Fingers are thus protected from injury and handling the carriers have a nice feel.

Carriers are supplied at a standard volume of 40 and 60 litres.

Carriers are manufactured with several types of handles:
- with recessed handle
- with plastic handle
- with stainless steel handle

Carriers are available with a lid, which is connected to the tray by a hinge joint along the axis of the stainless steel:
- lid with transparent polycarbonate window
- lid with mesh

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>grey VVPLC61010005</td>
<td>40 l</td>
<td>760 x 480 mm 600 x 325 mm 374 mm</td>
<td>4,5 kg</td>
</tr>
<tr>
<td>1</td>
<td>grey VVPLC61010006</td>
<td>60 l</td>
<td>780 x 500 mm 600 x 325 mm 424 mm</td>
<td>6,9 kg</td>
</tr>
<tr>
<td>2</td>
<td>grey VVPLC61010003</td>
<td>40 l</td>
<td>700 x 450 mm 600 x 325 mm 304 mm</td>
<td>4,2 kg</td>
</tr>
<tr>
<td>3</td>
<td>grey VVPLC61010004</td>
<td>40 l</td>
<td>700 x 450 mm 600 x 325 mm 309 mm</td>
<td>5,5 kg</td>
</tr>
<tr>
<td>3</td>
<td>grey VVPLC61010004.60</td>
<td>60 l</td>
<td>780 x 500 mm 600 x 325 mm 439 mm</td>
<td>7,1 kg</td>
</tr>
<tr>
<td>4</td>
<td>grey VVPLC61010004.01</td>
<td>40 l</td>
<td>700 x 450 mm 600 x 325 mm 309 mm</td>
<td>5,4 kg</td>
</tr>
<tr>
<td>5</td>
<td>grey VVPLC61010000</td>
<td>40 l</td>
<td>755 x 450 mm 590 x 330 mm 354 mm</td>
<td>3,5 kg</td>
</tr>
<tr>
<td>6</td>
<td>grey VVPLC61010009</td>
<td>40 l</td>
<td>760 x 460 mm 655 x 368 mm 363 mm</td>
<td>4,0 kg</td>
</tr>
</tbody>
</table>
TANKS

Fish Tank is used for temporary storage of harvested fish, before weighing and further transport. Tanks are an indispensable part of every fishing operation.

The tank has a conical shape and is made of polypropylene copolymer with UV stabilizer in the colors red, blue and green. The upper rim of the tank is finished, according to type, with reinforced tubing of Hostalen copolymer, or with an additional reinforced galvanized profile. The base of the tank is reinforced against possible damage during manipulation.

Tanks are manufactured in the colors gray, blue and green.

The shape of the tank allows storage by inserting one into the other. This leads to savings in the area of transport and storage.

Tanks for fish are produced in two versions:
- without metal rim
- with metal rim of galvanized steel

The volume of the circular fish tank is 580 litres.

WEIGHING SHELLS

An important piece of equipment during pond harvesting and transport is a weighing shell.

The body of the shell, which has circular holes for water drainage, is made of polypropylene copolymer with UV stabilizer. The plastic part is connected with screws to the steel parts that are hot dip galvanized. This guarantees its durability. Using a metal hanger, the shell is attached to the scale.

For easy emptying, the sides of the shell have galvanized steel handles.

Weight up to 100 kg.
**FISH GRADERS**

Fish graders are called brakovačky and are used for grading fish from the catch. They are made from polypropylene – copolymer with a UV stabilizer in the colors grey and green. Reinforcements at the bottom of the grader serve for attachment between two tanks. Both sides have removable parts for comfortable access during grading by species. For easy grading and handling of fish during harvesting, we produce:

- **small fish grader** – of two types:
  - without automatic grading of small fish
  - with automatic grading of small fish
- **transport and grading trough**, from which you can choose from two types:
  - without automatic grading of small fish
  - with automatic grading of small fish

The automatic grader allows small fish to fall through the tubes into carriers or tanks, thus increasing labor productivity. It is made with the following dimensions:

- fish grader – small 12 – 15 – 20 to 25 mm
- transport and grading trough 10 – 20 to 30 mm

On request, we can produce for you products in any desired dimension.

---

**FISH GRADER – SMALL**

In the bottom of the grader are holes for drainage.

**FISH GRADER – SMALL WITH INTERCHANGEABLE BASE**

In the bottom is an opening of size 570 × 450 mm, into which is loosely inserted a plate of polypropylene copolymer with UV stabilizer, with openings for water drainage. This design allows the removal of the plate and replacement by an automatic grader that is fitted with stainless steel tubes on which are attached freely rotating tubes made from Hostalen copolymer. This design has a positive effect on the ease of grading bait fish into carriers under the sorter. Automatic equipment is manufactured with the following distances between tubes; 12 – 15 – 20 to 25 mm according to type for screening small fish. This design increases labor productivity for grading fish.

---

**AUTOMATIC EQUIPMENT FOR FISH GRADING – SMALL**

The device is fitted with stainless steel tubes that have attached loosely rotating tubes made from Hostalen copolymer. This design has a positive effect on the ease of grading bait fish into carriers under the sorter. The automatic device is manufactured with the distances between tubes being 12 – 15 – 20 – 25 mm, according to the type for grading small fish. This design increases labor productivity.

---

**HANDLING AND TRANSPORTATION OF FISH**

**FISH GRADER – BRAKOVACKA – SMALL**

![Image 1](image1)

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>[1]</td>
<td>VVPLC6109003.02</td>
<td>80 l</td>
<td>1000 mm × 660 mm × 265 mm</td>
<td>11,0 kg</td>
</tr>
</tbody>
</table>

**FISH GRADER – BRAKOVACKA – SMALL WITH INTERCHANGEABLE BASE**

![Image 2](image2)

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>[2]</td>
<td>VVPLC6109003.01</td>
<td>80 l</td>
<td>1000 mm × 670 mm × 220 mm</td>
<td>11,0 kg</td>
</tr>
</tbody>
</table>

**AUTOMATIC FISH GRADER – SMALL**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DISTANCE BETWEEN TUBES</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>VVKOC04020090.35</td>
<td>12 mm</td>
<td>7,1 kg</td>
</tr>
<tr>
<td>VVKOC04020090.36</td>
<td>15 mm</td>
<td>6,3 kg</td>
</tr>
<tr>
<td>VVKOC04020090.37</td>
<td>20 mm</td>
<td>5,5 kg</td>
</tr>
<tr>
<td>VVKOC04020090.38</td>
<td>25 mm</td>
<td>5,1 kg</td>
</tr>
</tbody>
</table>
TRANSPORT AND GRADING TROUGHS

Transport and grading troughs are used for grading fish in the catch. It is made of polypropylene copolymer with UV stabilizer. From each side of the trough is a connecting element for easy connection of multiple troughs, as required by the operator.

TRANSPORT AND GRADING TROUGHS – WITH REPLACEMENT PARTS FOR THE BASE

In the transport and grading trough is a hole of dimension 800 × 250 mm, into which a plate without holes is inserted. The plate is made from polypropylene copolymer with UV stabilizer.

The construction of the transport and grading trough allows removal of the plate and its replacement with an automatic grader. This is fitted with stainless steel tubes that are connected to freely rotating tubes made of Hostalen copolymer. This design has a positive effect on the ease of grading bait fish into carriers under the grader. Grading equipment is manufactured with a distance between tubes of 10 – 20 – 25 to 30 mm, depending on the size of the small fish. This design increases labor productivity.

We can supply customised products to any required dimensions.

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>[1]</td>
<td>grey</td>
<td>100 l</td>
<td>2000 mm 500 mm 215 mm</td>
<td>9.0 kg</td>
</tr>
<tr>
<td>[2]</td>
<td>grey</td>
<td>100 l</td>
<td>2000 mm 500 mm 215 mm</td>
<td>9.0 kg</td>
</tr>
</tbody>
</table>

AUTOMATIC GRADING EQUIPMENT FOR THE TRANSPORT AND SORTING TROUGH

The device is fitted with stainless steel tubes having freely rotating Hostalen copolymer tubes attached. This design has a positive effect on the ease of grading bait fish into carriers under the grader. Grading equipment is manufactured with distances between the tubes of 10 – 20 – 25 to 30 mm depending on the size of small fish. This design increases labor productivity.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DISTANCE BETWEEN TUBES</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>VKOOC04020090.331</td>
<td>10 mm</td>
<td>6.7 kg</td>
</tr>
<tr>
<td>VKOOC04020090.33</td>
<td>20 mm</td>
<td>5.6 kg</td>
</tr>
<tr>
<td>VKOOC04020090.341</td>
<td>25 mm</td>
<td>5.0 kg</td>
</tr>
<tr>
<td>VKOOC04020090.30</td>
<td>30 mm</td>
<td>4.5 kg</td>
</tr>
</tbody>
</table>
AQUARIUMS FOR SELLING OF LIVE FISH

Aquariums are designed for the live fish seller, not only in shops but also the sale of fish, for example, at the farmers’ markets. Aquariums can also be used for exhibitions of fish because their windows give a perfect view.

They are made of a polypropylene copolymer with UV stabilizer, thickness 15 mm, in the colors grey or green.

They are produced with one or two transparent walls made of tempered safety glass that resists breakage, allowing safe inspection of fish in the aquarium.

Drainage of water is provided through a drain valve. The upper part is covered by a lid with openings, through which air or oxygen escapes. Aquariums are equipped with an inlet pipe and an overflow for water circulation.

The volume of the aquarium is 650 litres.

Water aeration by air or oxygen is not included.

We can supply a customised product in required dimensions.

HANDLING AND TRANSPORTATION OF FISH

AQUARIUM FOR SELLERS OF LIVE FISH – ONE TRANSPARENT WALL

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>COLOUR</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>[1]</td>
<td>grey</td>
<td>650l</td>
<td>850 mm</td>
<td>1 000 mm</td>
</tr>
<tr>
<td></td>
<td>green</td>
<td>VVPLC61080001.02</td>
<td>VVPLC61080001.01</td>
<td></td>
</tr>
</tbody>
</table>

AQUARIUM FOR SELLERS OF LIVE FISH – TWO TRANSPARENT WALLS

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>COLOUR</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>[2]</td>
<td>grey</td>
<td>650l</td>
<td>850 mm</td>
<td>1 000 mm</td>
</tr>
<tr>
<td></td>
<td>green</td>
<td>VVPLC61080000.01</td>
<td>VVPLC61080001</td>
<td></td>
</tr>
</tbody>
</table>

AERATION OF THE AQUARIUM FOR SELLERS OF LIVE FISH

Aeration of the water in the aquarium is achieved by an air stone corundum, which has minimum resistance, is durable, remains clean and produces fine bubbles. The aquarium includes a 3-meter connection hose with quick coupling.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
<th>AVERAGE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>VVPLC61000030</td>
<td>100 mm</td>
<td>50 mm</td>
<td>1,0 kg</td>
</tr>
</tbody>
</table>
SLIDE RAMP FOR FISH

Slide ramps for fish are used to transport fish from transport crates to rearing tanks, the pond, cages or other devices. The chute is made of polypropylene copolymer with UV stabilizer in the colours grey and green.

The upper part is provided with suspension hooks for attachment to the means of transport. The lower part is shaped so that possible injury to the fish, and even psychological shock upon impact with the water is minimized.

Side panels are finished with a plastic tube made of Hostalen copolymer, which both protects against hand injuries and reinforces the ramp.

Ramps are manufactured in lengths of 3 or 4 m.

SLIDE RAMP FOR FISH CONNECTED TO THE TRANSPORT CONTAINER

A slide ramp is used to transport fish from the transport container. It is an integral element and ensures safe fish handling. Using a slip ramp reduces the risk of injury when handling the fish.

The ramp is made of a polypropylene copolymer with UV stabilizer, of thickness 8 mm, and equipped with shackles, which are inserted into holes in the sides at the exit of the container. This design ensures a secure attachment to the transport container.

We can supply a customised product in required dimensions.

FISH FUNNEL FOR THE TRANSPORT CONTAINER

A fish funnel is used to transport fish from the transport container. It is an integral element and ensures safe fish handling. Using the funnel reduces the risk of injury when handling fish.

The funnel is made of polypropylene copolymer with UV stabilizer, of thickness 4 mm, and is equipped with shackles, which are inserted into hooks on the side of the exit of the transport container and has another two hooks to make a stronger connection with the container. This design ensures a secure fit with the transport container.

We can supply a customised product in required dimensions.

---

**SLIDE RAMP FOR FISH**

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>OUTER DIMENSIONS</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Length</td>
<td>Upper Width</td>
</tr>
<tr>
<td>grey</td>
<td>3,000 mm</td>
<td>840 mm</td>
</tr>
<tr>
<td>green</td>
<td>4,000 mm</td>
<td>840 mm</td>
</tr>
</tbody>
</table>

**SLIDE RAMP FOR FISH, CONNECTED TO TRANSPORT CONTAINER**

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>OUTER DIMENSIONS</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Length</td>
<td>Width</td>
</tr>
<tr>
<td>grey</td>
<td>980 mm</td>
<td>450 mm</td>
</tr>
</tbody>
</table>

**FISH FUNNEL FOR THE TRANSPORT CONTAINER**

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>OUTER DIMENSIONS</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Length</td>
<td>Width</td>
</tr>
<tr>
<td>grey</td>
<td>420 mm</td>
<td>450 mm</td>
</tr>
</tbody>
</table>
TRANSPORT CONTAINERS FOR LIVE FISH

To maintain healthy fish after capture and for transportation, it is necessary to have adequate transport containers.

Transport containers for live fish are made of polypropylene copolymer with UV stabilizer, of thickness 10 mm.

Containers are divided into:
• small container – suitable for the transport of small quantities of fish
• individual container – suitable for transport of medium amounts of fish
• container called monoblock – suitable for the transport of large quantities of fish

Containers are manufactured in the following formats:
• without thermal insulation
• without thermal insulation, but flushed
• with thermal insulation, of thickness 40 mm, and flushed – designed for the transport of fish in winter, so that there is no risk of freezing water in the container

For easy manual handling of small and individual containers, they have front and back fitted handrails. To handle the monoblock container requires the use of machinery. On the front of all types of containers is a drain hole, of rectangular shape, of size 400 × 300 mm, fitted with a lid, closing with an external key made from stainless steel and with a stainless steel inner plate to regulate the discharge of water and fish from the container. The exit is also equipped with mounting hooks for attachment of a slip ramp.

TRANSPORT CONTAINERS FOR LIVE FISH – SMALL

WITHOUT THERMAL INSULATION
The reinforced base of the container is sloped towards the drain.

WITHOUT THERMAL INSULATION BUT FLUSHED
Reinforced base of the container is sloped toward the drain. On the front of the container is a water inlet fitted rigid C52 coupling. Inside the container is a control tap that can be regulated externally from above.

WITH THERMAL INSULATION AND FLUSHED
The reinforced base of the container is horizontal. The container has double walls, between which is inserted an extruded foam layer, of thickness 40 mm, which prevents the freezing of water.

In front of the container is an inlet fitted with a rigid C52 coupling inside the container is a control tap that can be regulated externally from above.

### TRANSPORT CONTAINER FOR LIVE FISH – SMALL – WITHOUT INSULATION

<table>
<thead>
<tr>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey VVPLC61070034.01</td>
<td>1 000 l</td>
<td>1 320 mm x 1 000 mm x 1 060 mm</td>
<td>40,0 kg</td>
</tr>
<tr>
<td>green VVPLC61070034.11</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TRANSPORT CONTAINER FOR LIVE FISH – SMALL – WITHOUT INSULATION BUT WITH FLUSH

<table>
<thead>
<tr>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey VVPLC61070034</td>
<td>1 000 l</td>
<td>1 320 mm x 1 000 mm x 1 060 mm</td>
<td>43,0 kg</td>
</tr>
<tr>
<td>green VVPLC61070034.03</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TRANSPORT CONTAINER FOR LIVE FISH – SMALL – WITH INSULATION

<table>
<thead>
<tr>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey VVPLC61070034.02</td>
<td>850 l</td>
<td>1 320 mm x 1 000 mm x 1 060 mm</td>
<td>50,0 kg</td>
</tr>
<tr>
<td>green VVPLC61070034.022</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SMALL CONTAINER**

The upper part of the small container has a loading lid that can be operated from the discharge aperture. The lid is connected to the container by stainless steel hinges, and is equipped with handles made of plastic and two galvanised securing devices that protect against unintended opening. Containers can also be produced with a side opening.

**AN INDIVIDUAL MONOBLOK CONTAINER**

At the top of the container is a loading lid with an opening to the side, which is connected with the container by hinge stainless steel hinges, and is equipped with plastic handles for lifting and two galvanised security devices that protect against accidental opening. Containers are also produced with two loading lids that open to the center.

Aeration is performed using air hoses with microperforations for air or oxygen. These are attached to a stainless steel grate placed at the bottom of the container. The aeration outlet is connected to the supply system via an appropriate medium.

At the request of a customer, the container may also have a larger drain hole, of size 500 × 400 mm, and a stainless steel handle on the lid.

Water aeration by air or oxygen is not included.

We can supply a customised product in required dimensions.
**HANDLING AND TRANSPORTATION OF FISH**

**TRANSPORT CONTAINERS FOR LIVE FISH – INDIVIDUAL**

Transport containers can be built in quantities as required for the vehicle.

**WITHOUT THERMAL INSULATION**

The reinforced base of the container is sloped towards the drain.

**WITHOUT THERMAL INSULATION BUT FLUSHED**

The reinforced base of the container is sloped toward the drain. In front of the container is an inlet fitted with a rigid C52 coupling. Inside the container is a control tap that can be regulated externally from above.

**WITH THERMAL INSULATION AND FLUSH**

The reinforced base of the container is horizontal. The container has double walls, between which is inserted an extruded foam layer, of thickness 40 mm, which prevents the freezing of water. In front of the container is an inlet fitted with a rigid C52 coupling. Inside the container is a control tap that can be regulated externally from above.

<table>
<thead>
<tr>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey VVPLC61070033</td>
<td>1 800 l</td>
<td>2 370 mm x 1 000 mm x 1 060 mm</td>
<td>72,0 kg</td>
</tr>
<tr>
<td>green VVPLC61070033.11</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TRANSPORT CONTAINER FOR LIVE FISH WITHOUT INSULATION BUT WITH FLUSH**

<table>
<thead>
<tr>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey VVPLC61070033.02</td>
<td>1 800 l</td>
<td>2 370 mm x 1 000 mm x 1 060 mm</td>
<td>75,0 kg</td>
</tr>
<tr>
<td>green VVPLC61070033.022</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TRANSPORT CONTAINER FOR LIVE FISH WITH INSULATION AND FLUSH**

<table>
<thead>
<tr>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey VVPLC61070002.04</td>
<td>1 700 l</td>
<td>2 370 mm x 1 000 mm x 1 060 mm</td>
<td>97,0 kg</td>
</tr>
<tr>
<td>green VVPLC61070002.044</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TRANSPORT CONTAINERS FOR LIVE FISH – MONOBLOK**

Individual transportation containers are connected together to form a monoblock.

**WITHOUT THERMAL INSULATION**

The reinforced base of the container is sloped toward the drain.

**WITHOUT THERMAL INSULATION, BUT FLUSHED**

The reinforced base of the container is sloped toward the drain. In front of the container is an inlet fitted with a rigid C52 coupling. Inside the container is a control tap that can be regulated externally from above.

**WITH THERMAL INSULATION AND FLUSH**

The reinforced base of the container is horizontal. The Monoblok has double walls, between which is inserted an extruded foam layer, of thickness 40 mm, which prevents the freezing of water. In front of the container is an inlet fitted with a rigid C52 coupling. Inside the container is a control tap that can be regulated externally from above.
AERATION OF TRANSPORT CONTAINER

Aeration is used to maintain the necessary vital functions of transported fish.

When transporting live fish for longer distances it is advisable to carry out water aeration in the transport container. At the bottom of the transportation container a stainless steel grid is placed, to which is attached a microperforated hose, which circulates the air and forms fine bubbles in the water. This device is connected by an inlet hose that is threaded through the top of the transportation container.

Aeration equipment is produced in the following formats:
- aeration for transport containers for live fish – small – air and oxygen
- aeration for transport containers for live fish – small – oxygen
- aeration for transport containers for live fish – an individual container or monoblock – air and oxygen
- aeration for transport containers for live fish – an individual container or monoblock – oxygen

We can supply a customised product in required dimensions.
EQUIPMENT FOR FISH REARING

TROUGH FOR EGG INCUBATION – HATCHING
Troughs for incubation of eggs and hatching are used for hatching of fish embryos from eggs.
The trough is made of polypropylene copolymer with UV stabilizer, of thickness 10 mm – walls of tray – grey or green.
The trough is divided into two parts: into the larger part are placed the incubating eggs – this permits fish embryos to hatch – the remaining part is separated by a stainless steel mesh or perforated sheet into which the overflow pipe is installed. This regulates water levels and is also used to drain the water.
The trough is produced in two standard lengths 2200 mm or 3570 mm.
Troughs are supplied without inserts which can be ordered separately.
We can make a custom product tailored to the desired size.

<table>
<thead>
<tr>
<th>COLOUR</th>
<th>CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey</td>
<td>VVPLC61030011.01</td>
<td>140 l</td>
<td>2000 mm x 400 mm x 180 mm</td>
<td>18,0 kg</td>
</tr>
<tr>
<td>green</td>
<td>VVPLC61030011.02</td>
<td>230 l</td>
<td>3570 mm x 400 mm x 180 mm</td>
<td>24,0 kg</td>
</tr>
</tbody>
</table>

TROUGH INSERTS FOR THE INCUBATION OF EGGS
The insert is used for incubation of eggs in the trough.
The trough inserts are made from made polypropylene copolymer with UV stabilizer, of thickness, 8 mm, in grey or green. They are placed are on the bottom and on one side is a stainless steel sieve or perforated stainless steel sheet.
Depending on the type of fish eggs, the insert is fitted with the appropriate size sieve or perforated sheet metal.

<table>
<thead>
<tr>
<th>COLOUR</th>
<th>CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey</td>
<td>VVPLC61030001.02</td>
<td>17 l</td>
<td>395 mm x 345 mm x 175 mm</td>
<td>3,0 kg</td>
</tr>
<tr>
<td>green</td>
<td>VVPLC61030001.023</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

REARING TROUGHS
Rearing troughs are designed for the early stages of fish rearing.
Rearing troughs have a trapezoidal shape (tapered side wall), and are made of polypropylene copolymer with UV stabilizer, of thickness 10 mm – similarly to the walls of the trough. The sidewalls are reinforced by ribs of the same material, which ensures their rigidity. Troughs are divided into two sections: one section for rearing fish (the bulk of the trough) and a section for runoff and discharge of water. Section are separated by a removable stainless steel sieve.
Troughs are produced in two standard lengths of 2500 and 5000 mm and in colors of grey, blue or green.

The height of the trough is 1066 mm and the height of the water column is 914 mm.
On the outside the troughs are installed pipes for water overflow to control water level in the trough and also for water drainage. Drainage of the trays is carried out by removal of the overflow pipe.

REARING TROUGH – LENGTH 2500 mm
Rearing troughs are made of polypropylene copolymer with UV stabilizer, of thickness 8 to 15 mm (individual parts). The trough is in the shape of a regular trapezium with reinforced ribs.
The rearing trough is divided into two sections: a section for early stage rearing of fish (the bulk of the trough – length 1985 mm) and a section for runoff and discharge of water. Individual sections of the trough are separated by a screen made of stainless steel.
EQUIPMENT FOR FISH REARING

REARING TROUGHS – LENGTH 5 000 mm
Rearing troughs are made of polypropylene copolymer with UV stabilizer, of thickness 10 mm – similarly to the trough wall. The sidewalls are reinforced with the same material, which ensures its rigidity. The upper part is reinforced with stainless steel.

The rearing trough is divided into two sections: a section for early stage rearing of fish (the bulk of the trough – length 4485 mm) and a section for runoff and discharge of water. Individual sections of the trough are separated by a screen made of stainless steel.

<table>
<thead>
<tr>
<th>COLOUR CODE</th>
<th>VOLUME</th>
<th>OUTER DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey VVPLC61030018</td>
<td>1 700l</td>
<td>2 500 mm x 800 mm x 914 mm</td>
<td>48,0 kg</td>
</tr>
<tr>
<td>blue VVPLC61030018.05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>green VVPLC61030018.06</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>grey VVPLC61030004</td>
<td>3 400l</td>
<td>5 000 mm x 800 mm x 914 mm</td>
<td>88,0 kg</td>
</tr>
<tr>
<td>blue VVPLC61030004.05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>green VVPLC61030004.06</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CIRCULAR REARING TANKS
Circular rearing tanks are designed for rearing fish. They are made of polypropylene copolymer with UV stabilizer, of thickness corresponding to the diameter of the tank, in the colors grey, blue or green. The top and bottom of the tank are reinforced with the same material as the main body of the tank. The upper edge is finished with a pool edge.

The height of all tanks is 1 066 mm.
Tanks are divided into two groups:
• tanks with an inside diameter of 2 000 and 2 500 mm; the tank bottom is reinforced with ribs and sloped to the center, the height of the water column is 781 mm
• tanks with an inside diameter of 3 000 and 4 000 mm; the tank bottom is flat and the drainage outlet is sunk into the floor, height of the water column is 1 000 mm; these tanks require structural modifications under the tank to build a space for the sump and drainage pipes.

In the center of the bottom of both types of tanks is the drainage consisting of the sump, which is connected to the drain pipe, and is used both for water circulation, and also for draining the tank. Onto this, a cylindrical stainless steel sieve, of diameter 250 mm, is mounted.
An overflow pipe is installed outside of the tank – it controls the water level in the tank and is also used for drainage. Drainage of water from the tank is carried by removing the overflow pipe.

We can make a custom product tailored to the desired size.
BOATS FOR FISHERMEN

FISHING WORK BOATS

Fishermen’s work boats are made of polypropylene copolymer with UV stabilizer, and are easy to handle during catching and feeding fish. In front of the boat is a flat surface forming an air pocket. In the back of the boat is a bench forming another air pocket. On the rear panel of the boat an outboard motor can be mounted.

We produce boats of lengths 4 000 and 6 000 mm and in colors of grey and green. They are lightweight, safe, stable, heavy-duty, unsinkable, maintenance-free, solid, durable and long lasting. Given their low weight, they are also easy to transport and handle on the shore.

<table>
<thead>
<tr>
<th>FISHING WORK BOATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR CODE</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>grey VVPLC61080008.03</td>
</tr>
<tr>
<td>grey VVPLC61080008.04</td>
</tr>
</tbody>
</table>

FISH FEEDING BOAT WITH HOPPER

Fish feeding boats with a hopper made of polypropylene copolymer with UV stabilizer are easy to handle during fish feeding. On the rear panel of the boat an outboard motor can be mounted.

In the middle of the boat is a feeding hopper. The sides of the boat create air chambers, which guarantee that it is unsinkable. Feeding is carried out by opening the valve at the bottom of the container by means of a lever at the rear of the boat.

The feeding hoppers are produced in lengths of 1 800 or 3 000 mm and in colours of grey or green. They are lightweight, safe, stable, heavy-duty, unsinkable, maintenance-free, solid, durable and long lasting. With their low weight they are also easy to transport and handle on the shore.

<table>
<thead>
<tr>
<th>ELUTRIATION FISHING BOATS WITH HOPPER</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR CODE</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>grey VVPLC61080010.01</td>
</tr>
<tr>
<td>grey VVPLC61080010.04</td>
</tr>
</tbody>
</table>
AUTOMATIC FISH FEEDING
CARP-FEED

CARP-FEED
Automatic feeding is especially designed for carp, but it can also be used eg for raising trout.
The automatic system, CARP-FEED, is an advanced technology that works fully automatically, reliably and efficiently.
The feed is pneumatically conveyed from the reservoir at intervals and in specified quantities at a given location.
The volume of feed rations can be changed at any time.
The feeding system is installed permanently beside tanks or ponds in conjunction with storage of feed mixtures – silo and screw conveyor.

COMPONENTS OF THE SYSTEM
The technology, CARP-FEED, has the following main parts:
• silo and spiral conveyor that transports food from the silo into its own CARP-FEED container
• the CARP-FEED equipment consists of a blower that produces compressed air for pneumatic transport of feed, a turntable, a container and electrical cabinets with a control unit
• It is also possible to have a switch on the conveyor pipe (for feeding at multiple locations), and transport pipes with specialised fittings for spreading the feed at a given location

REQUIREMENTS FOR OPERATION
CARP-FEED technology works fully automatically and requires minimal maintenance. It works on the basis of daily or hourly feed settings. The device is equipped with sensors to detect any equipment failures and with a sensor monitoring the minimum amount of feed in the silo. The technology is able to automatically turn the unit off in case of fault identification and simultaneously inform the operator by means of an SMS message. Similarly the unit will notify the operator when the silo has a minimal amount of food and needs to be replenished. Maintenance and operation of CARP-FEED is very simple and low-power, and it is possible to vary the volume of feed rations. Total power consumption is about 3.5 kW.

The actual feeding process:
• the controller gives the command to start feeding at programmed intervals, the amount of feed and the feeding time
• firstly the blower starts, and compressed air purges the feed line (a fixed time)
• subsequently the turntable is activated for transporting food from the container into the air stream and feeding starts (it is possible to change the frequency of rotation and thus the amount of feed being dispensed); the auger automatically adds feed from the silo into the containers in which the sensors are controlling the operation of a screw conveyor
• after the completion of feeding, the turntable stops and compressed air clears the transport pipe (a fixed time)
• if the CARP-FEED operates in several feeding places, purging with compressed air before and after feeding is carried out in all pipes
• a silo has a sensor that through the CARP-FEED system, notifies the responsible person in the form of an SMS message if there is a minimum amount of food and needs refilling

The entire feed system is closed and prevents the loss of feed during manipulation, feeding and by theft. This technology reduces feed consumption because the feed is given periodically in small doses, fresh, but more frequently. Fish fed in this way take their food literally out of the water, because they are used to be fed at the designated feeding time and place. This leads to a 100% utilization of the feed.
The equipment transports in one minute, 3–4 kg of feed per feeding place. Such an amount is optimal for fish to utilize the feed within a reasonable time.

Feed format:
• granules
• cracked grain
• grains of all cereal species

This technology also contributes to less strenuous labor, and safety when handling food and boats.
With manual feeding, feed spillage from a boat or from the silo into the water leads to the accumulation of excess food at one point, dropping to the bottom where it rots. The feed becomes unusable and anaerobic processes cause an oxygen deficit.
(Standard equipment in CARP-FEED is able to deliver, within one minute 3–4 kg feed per feeding place. Such an amount is optimal for fish to utilize the feed within a reasonable time.)
After completion of feeding of a single dose in one feeding place (e.g., for 20 min about 70 kg feed is transported) the conveying pipe is purged (approx. 30 sec.) and an elastic sleeve is moved to the next transport pipe.

CARP JUVENILES
The CARP-FEED technology can also be used for rearing (and handling) fingerlings, but also for feeding to fish market weight.
It is used eg to move carp from K1 to K2, and for feeding fish for market from K3 to Kv.
AGRICO s. r. o.
Rybářská 671
CZ - 379 01 Třeboň II.
tel.: +420 384 704 111
fax: +420 384 724 979
e-mail: agrico@agrico.cz

IČ: 260 32 163
DIČ: CZ26032163

The company is registered in the Commercial Register kept by the Regional Court in České Budějovice, Section C, Insert 10143

www.agrico.cz

ISO 9001
ISO 14001
OHSAS 18001