

Hand Graders

Sorting Table

Sorting Cradle

Sorting Machines

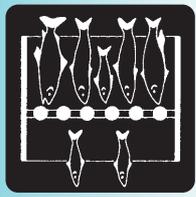
Fish Counter

Funnels



FISH SORTING UTILITIES





Fish Grader – Scharfling System

For spawn and young fish

The frame is made of waterproofed, treated wood. All metal parts are rust-free (aluminium and brass). The distance between the grilles can be adjusted simply by diagonally shifting the frame geometry. The operator pushes the button built into the handle to move the fixing rod notch by notch until the frame is as rhombic as needed for the grille to have the desired spacing.

Fish Grader – small

Order No. 1901

Dimensions: 36 x 36 x 18 cm

Sorting range: 4 – 17 mm



Fish Grader – large

Order No. 1902

Dimensions: 44 x 46 x 18 cm

Sorting range: 18 – 30 mm



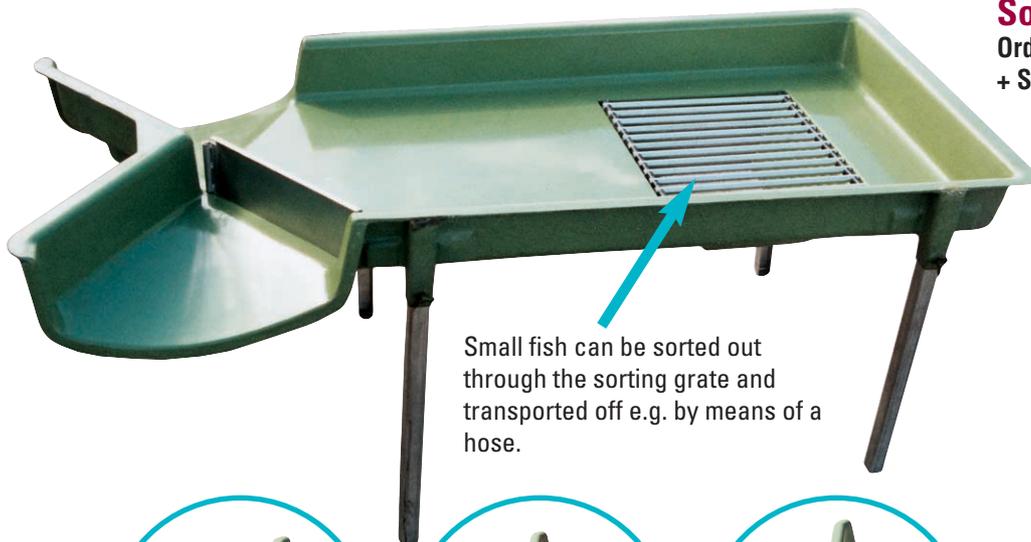
Sorting Table

Order No. 3 000 000 811

For the manual sorting of fish

Important!

All grates of the sorting cradle program can be used.



Sorting grates

Order No. 1904/
+ Size

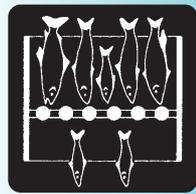


Small fish can be sorted out through the sorting grate and transported off e.g. by means of a hose.



The switch is set manually to the right position





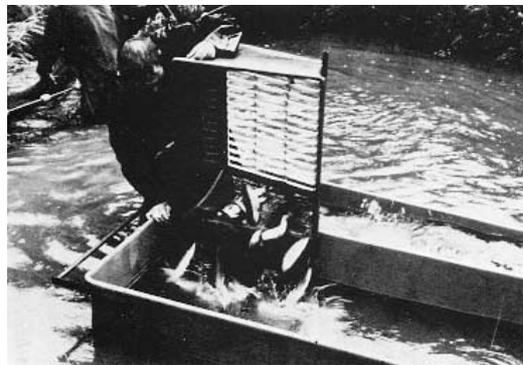
Sorting Cradle

Order No. 1905

Made of fibreglass-reinforced polyester

The handle is adjustable according to the water level. Easily changeable grates allow a gentle and exact sorting. This device has proven its value all over the world in real-world situations.

Weight: approx. 9 Kg
 Height: 45 cm
 Length: 75 cm
 Width: 60 cm



Example: Sorting with a sorting cradle

Sorting Grates

Order No. 1904/ + Size

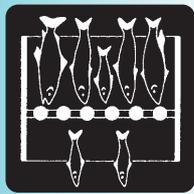
Sorting grates suitable for sorting cradle Order No. 1905, sorting machine Order No. 1949 as well as sorting table Order No. 3 000 000 811



Comparison Table of Grates:

Grates mm	5	for fish of	8 g
Grates mm	6	for fish of	10 g
Grates mm	7	for fish of	20 g
Grates mm	8	for fish of	30 g
Grates mm	9	for fish of	40 g
Grates mm	10	for fish of	50 g
Grates mm	11	for fish of	60 g
Grates mm	12	for fish of	70 g
Grates mm	13	for fish of	80 g
Grates mm	14	for fish of	90 g
Grates mm	15	for fish of	100 g
Grates mm	16	for fish of	110 g
Grates mm	17	for fish of	120 g
Grates mm	18	for fish of	130 g
Grates mm	19	for fish of	140 g
Grates mm	20	for fish of	150 g
Grates mm	21	for fish of	160 g
Grates mm	22	for fish of	180 g
Grates mm	23	for fish of	200 g
Grates mm	24	for fish of	220 g
Grates mm	25	for fish of	240 g
Grates mm	26	for fish of	260 g
Grates mm	27	for fish of	280 g
Grates mm	28	for fish of	300 g
Grates mm	29	for fish of	330 g
Grates mm	30	for fish of	360 g

AGK FISH SORTING UTILITIES



Fish Sorting Machine

- Order No. 1949 without pump
- Order No. 1953 with electric pump
- Order No. 1954 with petrol pump
- Order No. 1904 sorting grate

Sorting without electrical power!

For medium- and large-scale operations

This machine allows two very quickly and simply do a three calibre sorting of your fish. Workflow see overleaf. PVC-pipes (Ø 120 mm) transporting the fish to the corresponding pond can be connected to each funnel. Every funnel is watered sufficiently to protect the fish. The fish-hose (-pipe) can be connected on either side. Sorting cradles and funnels are made of Polyester, the undercarriage is made of stainless steel.



Water feed 1 1/2" 50 Ø

Dimensions	cm
Length:	200
Width:	110
Height:	120

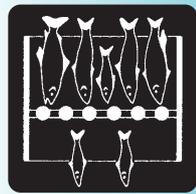
Important!
All sorting grates suitable for the sorting cradles can be used.

Sorting Grates
Order No. 1904/ +size



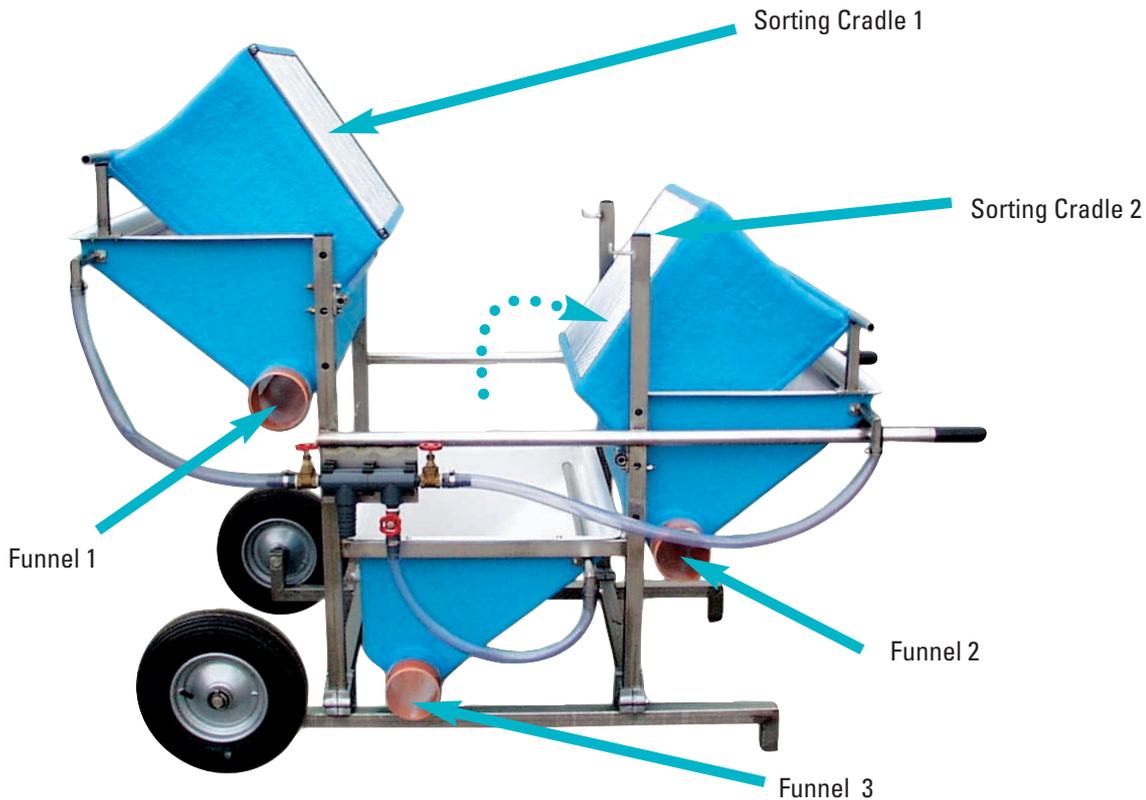
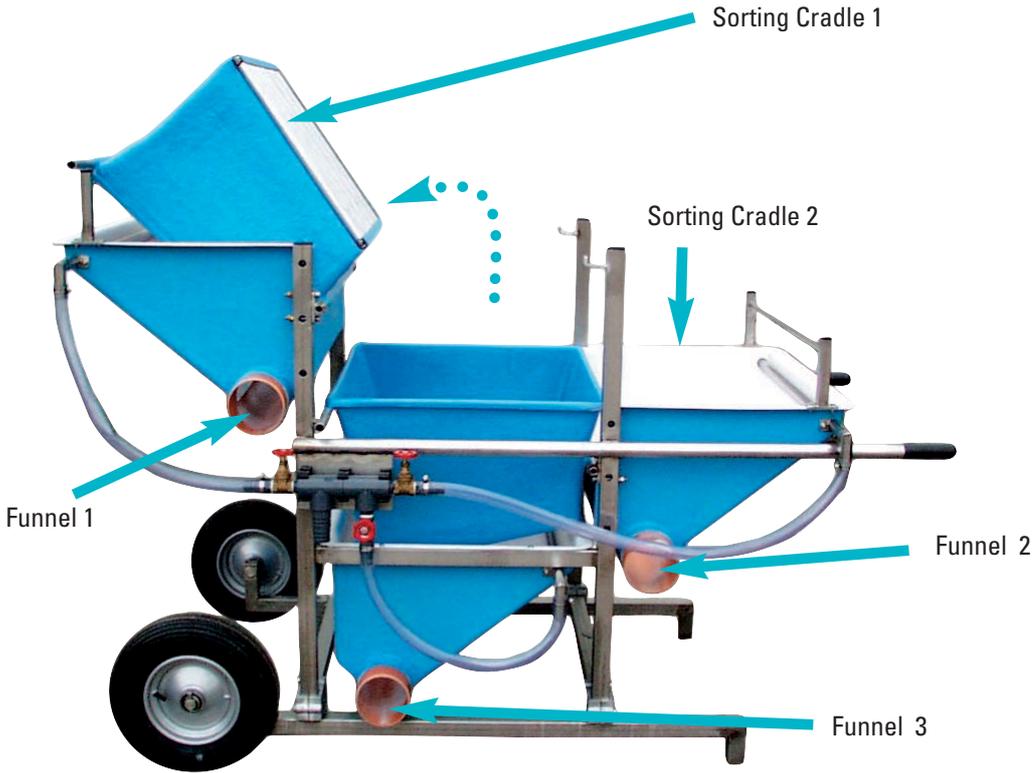
Outlet can be connected on either side.

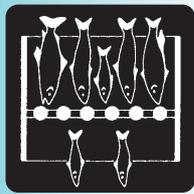




Workflow:

The fish are fed into the first sorting cradle, which features the largest grate. The largest fish remain in the cradle which is subsequently emptied into the funnel no. 1, while smaller fish drop into the sorting cradle no.2. Again the smaller fish drop into the funnel no. 3 while the remaining medium-sized fish are emptied into the second funnel. (illustration 2)





Fully Automatic Sorting Machine

Order No. 1911

For medium- and large-scale operations

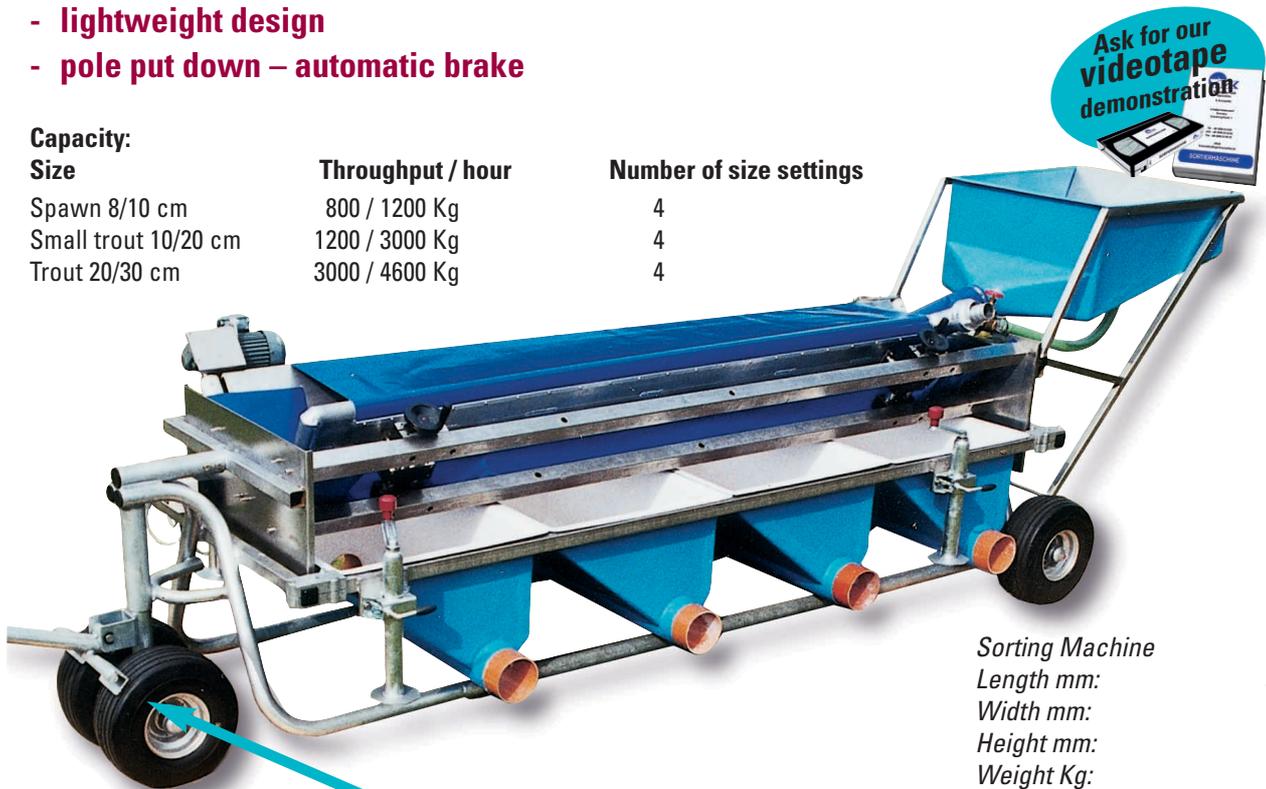
On a smooth conveyor belt the fish are gently guided along a round profile until they fit through the adjusted gap and drop into the funnel below. They are led into the right pond or tank through the funnels.

Advantages:

- very gentle operation and simple adjustment
- lightweight design
- pole put down – automatic brake
- easy water feed
- great stability
- removable inlet funnel

Capacity:

Size	Throughput / hour	Number of size settings
Spawn 8/10 cm	800 / 1200 Kg	4
Small trout 10/20 cm	1200 / 3000 Kg	4
Trout 20/30 cm	3000 / 4600 Kg	4



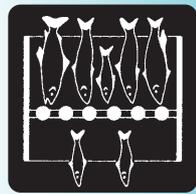
Sorting Machine
 Length mm: 3500
 Width mm: 1000
 Height mm: 1180
 Weight Kg: 150
 Motor Power KW: 0.15

Automatic brake when in park position

The conveyor belt is driven by a 230/380 V motor. Optionally, a more expensive, 24 V motor is available to power the sorting machine with a truck battery. The undercarriage with pneumatic tyres is made of hot galvanised steel while all other parts are made of stainless steel, plastics and aluminium.

The required water pump can be included with the delivery upon request..





Fish Counter

Order No. 3 000 000 798

The fish counter features a simple and sturdy construction and a connection socket Δ 160 mm which allows easy connection to e.g. fish sorting machines. The fish pass the counter suspended in water and are counted without being touched. The device needs a 24V DC operating voltage which is supplied by the power adapter included in the delivery.



Connecting piece \varnothing 160 mm

Funnel

Order No. 1915

For the quick and easy transporting, loading and changing of tanks. Made of fibreglass reinforced polyester.



All legs adjustable in height.

Dimensions: 72 x 72 x 92 cm

Water connector 1 1/4"