

# HELIOS 10 GRADER

Sarl  
**FAIVRE**



Helios 10 working on Cod hatchery  
in Norway



## HELIOS 10 GRADER : for alevin and small fish

HELIOS 10 is a high precision grader with a huge capacity , it is made to efficiently grade smolts, sea bass, sea bream, Tilapias...  
Light and easy to handle, HELIOS 10 is adapted to every situation.  
Made to meet the needs of hatchery farms.



### Compact and light grading.

- ⇨ 5 grading channels of 1600mm length.
- ⇨ 8 x Ø 125 mm outlets on both side.
- ⇨ Made of polyester and AISI 316L/AISI 304L stainless steel.
- ⇨ A working out watering system fitted with adjustment gates.
- ⇨ A grader fitted with the performing SPS Technology made for a high speed grading and without any injury.
- ⇨ Electronic adjustable grading speed



**New model  
8 channels**

Emergency stop



Main switch

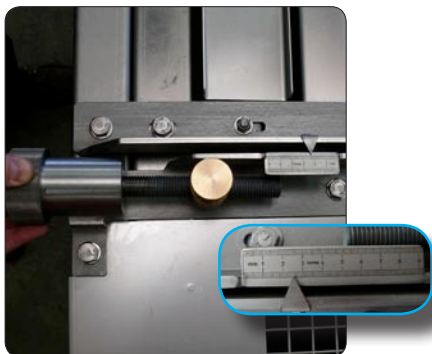
Grading speed variator (option)

Running (green)  
Stopping (red)

*Fish grader IP 65 electric panel.*



*Inlet hopper with special system to plug a fish pump.*



*Accurate adjustment vernier.*

Fish Species	Breams Tilapias	Trouts/ Salmons Bass	Trouts/ Salmons Bass
Grader name	Helios 10.5S	Helios 10.5T	Helios 10.8T
Number of channels	5	5	8
Number of size	4	4	4
Channel length (mm)	1600	1600	1600
Channels opening max. (mm)	28	28	28
Number of outlets	8 x 125mm	8 x 125mm	8 x 125mm
Fish size mini/maxi	0,8 to 80gr	1 to 80gr	1 to 80gr
Hourly capacity (fishes/h) of 1gr	100.000	100.000	150.000
Hourly capacity (fishes/h) of 5gr	60.000	60.000	100.000
Approx. weight (kg)	260	260	350
Dimensions : L / l (m)	3,30 / 1,00	3,30 / 1,00	3,80 / 1,58
Height (m)	1,34 to 1,60	1,34 to 1,60	1,34 to 1,60
Motor power (50Hz)	0,25kw	0,25kw	0,25kw
Water pump need flow (m <sup>3</sup> /h)	20	20	20
References	TH10.5S	TH10.5	TH10.8

*These figures have been recorded with elevator or fish pump for feeding the grader.*

*\* On sea bream*



*Pictures and technical data in this document are not contractual. FAIVRE Sarl can also bring any modification to its equipment at any time.*