

Design Features

Intuitive Digital Control

Grade gap & speed adjustment
Integrated counter control
Inlet density feedback
Historic data storage/reference for quick setup

Magnetic Hub Motor Drives

Direct driven
No maintenance or lubrication
316 Stainless steel construction
Constant torque

Soft Drop Collection Pan

Curved contact surfaces reduce impacts
Curved design allows for lower drop heights

Reversible Discharge Outlets

Discharge can quickly and easily be moved from side to side

Deep V Grade Channels

Accommodates small to large fish
Water film lubricated
Fish settling finger guides

High-Capacity Dewatering System

Stainless steel dewatering rack
Smooth, distributed fish presentation
Velocity dissipated inlet

Pre Grade Alignment Channel

Orients and aligns fish parallel to grade channel
Ensures smooth presentation into grade gap
Reduces fish stacking

Status

Count: Stopped

Last Error:

Data File: Data File Saved to PLC Memory

File Name

Data_1

Date & Time

1 - 9 - 2025

22 : 34

CH

Average Weight

Total Weight

Count

% of Total Count

1

150.0 g

312.6 g

1954

27.4%

2

279.6 g

835.4 g

2956

13.6%

3

370.4 g

801.8 g

2184

35.4%

4

430.9 g

915.4 g

1054

14.6%

ALL

0.0 g

0.0 g

0

100

Initial Weights

CH

Start Weight

1

150.0 g

2

250.0 g

3

350.0 g

4

450.0 g

Continue

Pause

Start Counting

Stop

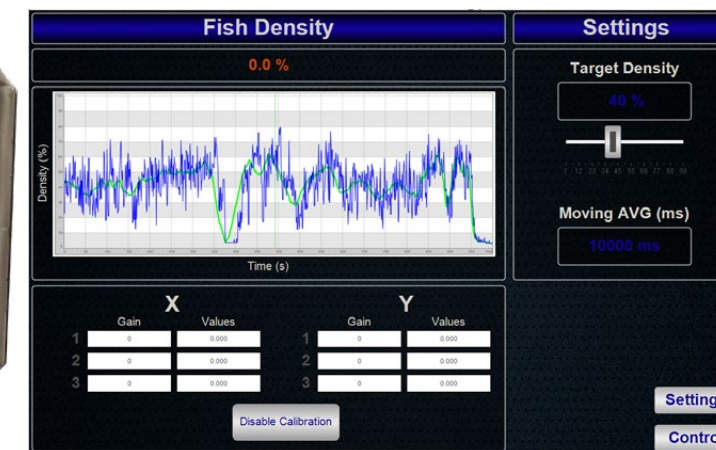
Save to USB

Recover Data

Settings

Control

Integrate AquaScan Control
OPTIONAL



Line Density Monitoring
OPTIONAL

Line Density Indicator

Provides visual density feedback
Elevated stack light for 360 deg visual



Green/Increase Yellow/Status Quo Red/Decrease



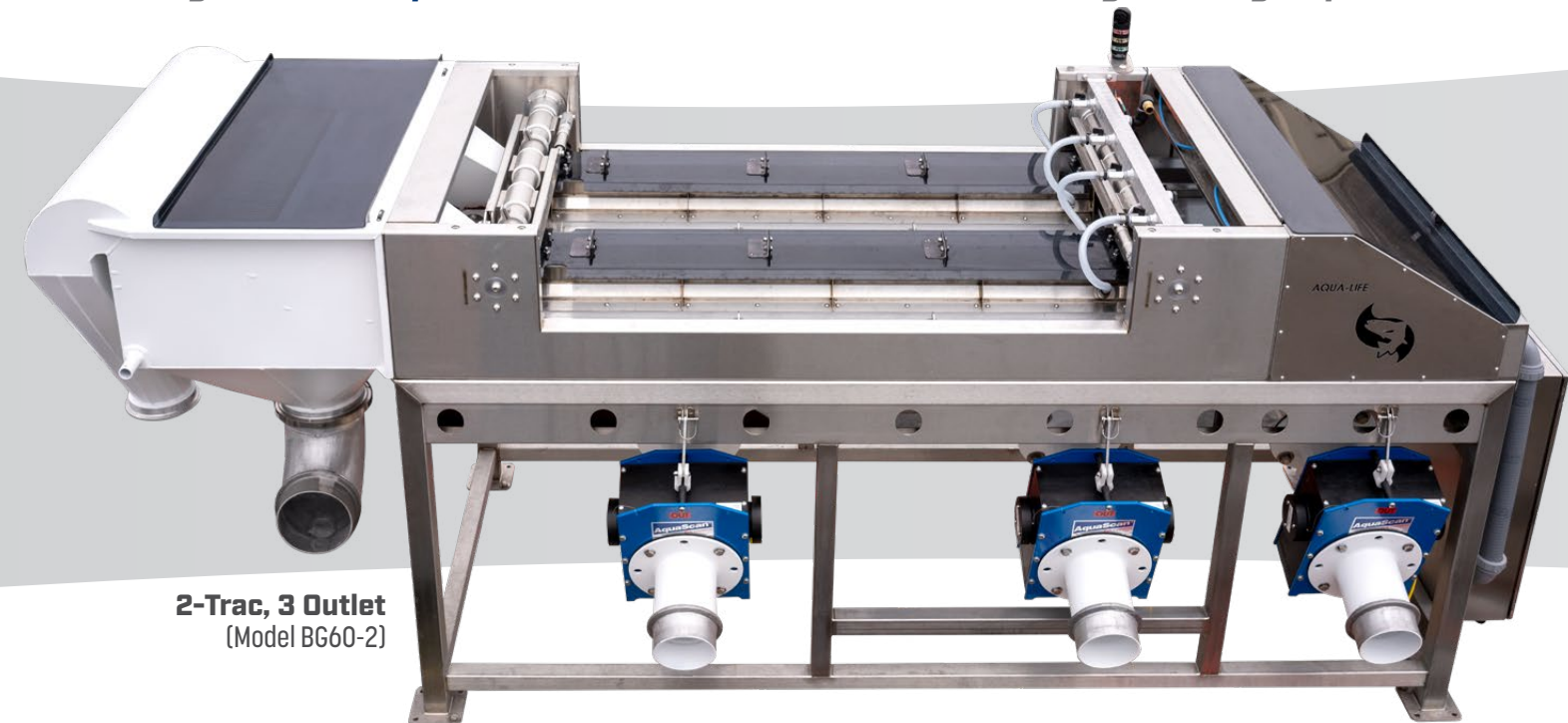
new

BioTrac Belt Grading System

Designed with Aqua-Life's 50 Years of "Fish Smart" Engineering Experience



4-Trac, 3 Outlet
(Model BG60-4)



2-Trac, 3 Outlet
(Model BG60-2)



Specifications

Model	BG60-2	BG60-3	BG60-4
Weight	2,100lbs	2,450lbs	2,800lbs
Width	42.625" [1.08m]	61.813" [1.58m]	81" [2.06m]
Length w/o Dewaterer	128" [3.25m]	128" [3.25m]	128" [3.25m]
Height	51.25" [1.30m]	51.25" [1.30m]	51.25" [1.30m]
Min Gap	.20" [5.3mm]	.20" [5.3mm]	.20" [5.3mm]
Max Gap	1.75" [44mm]	1.75" [44mm]	1.75" [44mm]
Grade Channel Depth	8.875" [225mm]	8.875" [225mm]	8.875" [225mm]
Grade Channel Angle	40 Deg	40 Deg	40 Deg
Grade Channel Length	93.8" [2.382m]	93.8" [2.382m]	93.8" [2.382m]
Recommended Fish Range	5g - 600g	5g - 600g	5g - 600g
Grade Discharges	2, 3, 4	2, 3, 4	2, 3, 4
Recommended Water Supply	25 GPM [95LPM]	38GPM [144LPM]	50GPM [190LPM]
Capacity (25g - 100g - 500g) /hr	0.76mt - 1.92mt - 5.66mt	1.13mt - 2.89mt - 8.49mt	1.5mt - 3.84mt - 11.32mt
Motor Power / Each	.75kW	.75kW	.75kW
Belt Speed (variable)	.3m/s - 1.2 m/s	.3m/s - 1.2 m/s	.3m/s - 1.2 m/s

The **BioTrac Belt Grader** is a high capacity, precision built grading system allowing for simple operation and ultimate user control. With seamless integration of counting and density monitoring this platform offers Intuitive operation and reliable results..

The **BioTrac's Stainless Steel** construction has been greatly enhanced by Aqua-Life's state of the art manufacturing capabilities utilizing the latest **Laser Welding Technologies, CNC Machining** and **Robotics** to obtain unmatched **Precision, Rigidity and Longevity.**

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