

Sales Guide: Choosing the Right Halcyon Wing System

Helping Divers Find Their Perfect Configuration

This guide is designed to assist dive shop staff, instructors, and sales representatives in advising customers on selecting the right Halcyon system. Whether a diver is just starting out or is highly experienced, making the right choice can be overwhelming. Your role is to help simplify the decision by guiding them through system options that match their diving style and needs.

Key Questions to Ask the Customer

1. Are they a beginner or an advanced diver?
2. What size cylinders are they using?
3. Do they own their cylinders, or do they rent?
4. If advanced, are they diving single or double cylinders? What size?

These answers will help determine the appropriate wing, backplate, and additional components.

Single Cylinder Configuration

Halcyon offers three single-cylinder wing sizes, each designed for optimal lift and buoyancy:

- **20 lb (9 kg)** – Ideal for smaller cylinders (diameter: 7.25" / 18.5 cm), such as AL80, AL63, STL LP 72, STL LP 85, STL HP 100. Compact profile makes it a great option for petite divers (<158 cm) and youth programs.
- **30 lb (14 kg)** – Works well with the same cylinders as the 20 lb wing but offers more lift.
- **40 lb (18 kg)** – Designed for larger diameter cylinders (8" / 20.3 cm+), including STL LP 95, STL LP 104, STL LP 120, STL HP 130.

Single Cylinder Wings: Halcyon Eclipse (available in black and custom colors)

Double Cylinder Configuration

Halcyon provides two wing sizes for twin sets:

- **40 lb (18 kg)** – Best suited for smaller double-cylinder setups such as AL80, AL63, STL LP 72, STL LP 85, STL HP 100.
- **60 lb (27.5 kg)** – Designed for larger twin sets including STL LP 95, STL LP 104, STL LP 120, STL HP 130.

Double Cylinder Wings: Halcyon Evolve and Legend (available in black and custom colors)

Choosing the Right Backplate

The backplate selection depends on the diver's weighting needs and environment:

- **Stainless Steel (SS)** – 5.5–6 lbs (2.5–2.7 kg), ideal for divers needing additional weight.
- **Aluminum (AL)** – 2–2.2 lbs (1 kg), great for travel and warm water diving.
- **Carbon Fiber (CF)** – 1 lb (0.45 kg), lightweight yet durable.

Backplate Size Guide

- **Small** – For divers <158 cm, or those with shorter torso lengths.
- **Standard** – Fits most divers (158–185 cm).
- **Long** – Best for divers >185 cm.

Additional System Components

Single Tank Adapter [STA]

Essential for attaching the system to a single cylinder:

- **Stainless Steel (SS) STA** – ~2–3 lbs.
- **Weighted SS STA** – Adds an extra 4 lbs, for a total of ~6 lbs.
- **Carbon Fiber (CF) STA** – Lightweight option.

Weight Pockets [Active Control Ballast - ACB]

- Each pocket holds ~5 lbs.

- Useful for fine-tuning buoyancy in different diving conditions.

Harness & Hardware

- **Standard SS hardware** (D-rings and triglides) for durability and weight.
- **Aluminum hardware** for a lightweight travel-friendly setup.
- **Quick-Adjust Cinch System** for easy donning/doffing and harness adjustments.

Comfort Options

- **Padded Shoulder Straps** – Added comfort, especially with thin wetsuits or rash guards.
- **Cinch System** – Allows for quick and easy harness adjustments.

Conclusion

Halcyon's modular system allows divers to customize their setup based on their environment, cylinder configuration, and personal preferences. By understanding their needs, you can recommend the ideal system to enhance their diving experience!