

Harmony Paddles 101: Features

Shaft Materials

Anodized Aluminum Shaft

- Extruded aluminum tubing for strength (all models)
- Control hand grip area is ovalized for better grip and control (Sea Passage, Adventure, River Passage)
- Black anodized for protection against corrosion (Sea Passage, Adventure, River Passage)
- Grip areas have vinyl sleeves for better grip and control (Sea Passage, Adventure, River Passage)
- Taped junction of blade and shaft (Sea Passage, Adventure, River Passage)
- TAP ferrules are injection molded for precision fit and resistance to binding (Sea Passage, Adventure)

Fiberglass Shaft

- Mandrel-rolled fiberglass for consistency and superior strength-to-weight ratio (all models)
- Cross woven fibers surrounded by filament wound outer layer for consistent flex and strength (all models)
- Control hand grip is ovalized for maximum control (all models)
- Taped junction of blade and shaft (all models)
- TAP ferrules are injection molded for precision fit and strength (all models)
- Featherlok ferrules provide unlimited feather selection and up to 12 cm range in length (all models)
- Lighter weight than aluminum

Carbon Fiber Shaft

- Mandrel-rolled fiberglass for consistency and superior strength-to-weight ratio (all models)
- Cross woven fibers surrounded by filament wound outer layer for consistent flex and strength (all models)
- Control hand grip is ovalized for maximum control (all models)
- Taped junction of blade and shaft (all models)
- TAP ferrules are injection molded for precision fit and strength (all models)
- Featherlok ferrules provide unlimited feather selection and up to 12 cm range in length (all models)
- Lighter weight than aluminum or fiberglass
- Stiffer and more efficient than fiberglass

Wood Shaft

- All shafts designed and constructed to match intent of paddle
 - Solid shaft for price-point models (Breeze)
 - Laminated shafts for best blend of light weight and strength (Shadow, Mistral, Vapor)
 - Tapered shaft for performance (Mistral, Vapor)
 - Palm grip for comfort (Shadow)
 - Modified T-grip for control and comfort (Mistral)
 - Rolled Palm grip for control and comfort (Vapor)
 - Oiled grip for comfort and blister reduction (Mistral, Vapor)
 - Ovalled lower grip for control and comfort (Mistral, Vapor)
 - All shafts finished with exterior polyurethane for protection. (all models)
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Harmony Paddles 101: Features

Blade Materials

Carbon reinforced, injection-molded plastic

- Carbon fibers encased in paddle blade resin result in lighter, stiffer, more efficient blades compared to fiberglass reinforced blades.
- Extra resin added to blades in high wear areas
- Asymmetric blades for maximum power and efficiency

Fiberglass reinforced, injection-molded plastic

- Fiberglass fibers encapsulated within the paddle blade resin provide strength, stiffness, and desirable flex pattern (all models)
- Extra resin added to blades in high wear areas (all models)
- Asymmetric blades for maximum power and efficiency

Wood blades

- As with wood shafts, blade lamination is keyed to intended use of paddle and desired flex pattern (all models)
- Composite tip-guards protect ends of blade from impact and abrasion (all models)
- Hard wood outer laminates protect sides of blades (Shadow, Mistral, Vapor)
- Fiberglass overlaid blades increase strength, stiffness, and durability (Breeze, Mistral, Vapor, Far Tortuga)
- Extended shaft/blade interface increases blade strength (Mistral, Far Tortuga)
- Carbon powerface provides increased stiffness and strength, allowing use of lighter wood laminations in blades (Vapor, Far Tortuga)

Harmony featherlock adjustable ferrule system

- Offers unlimited selection of feather
- Allows up to 12 cm range in choice of paddle length
- Feather and length references imprinted on ferrule for convenience and consistency
- Composite/plastic construction defies binding and corrosion
- 12 cm size range reduces SKUs required to cover full range of paddle lengths. Only 2 models to cover lengths from 215 to 240 cm. With conventional TAP paddles, this would require 6 models.



Featherlock Ferrule