

State of the Art Underwater Propulsion Vehicle Scuba Tank Powered!



SEA HORSE!

Sea Horse A More Practical UPV!

Scuba Tank Air Powered Underwater Propulsion
Vehicle (UPV)

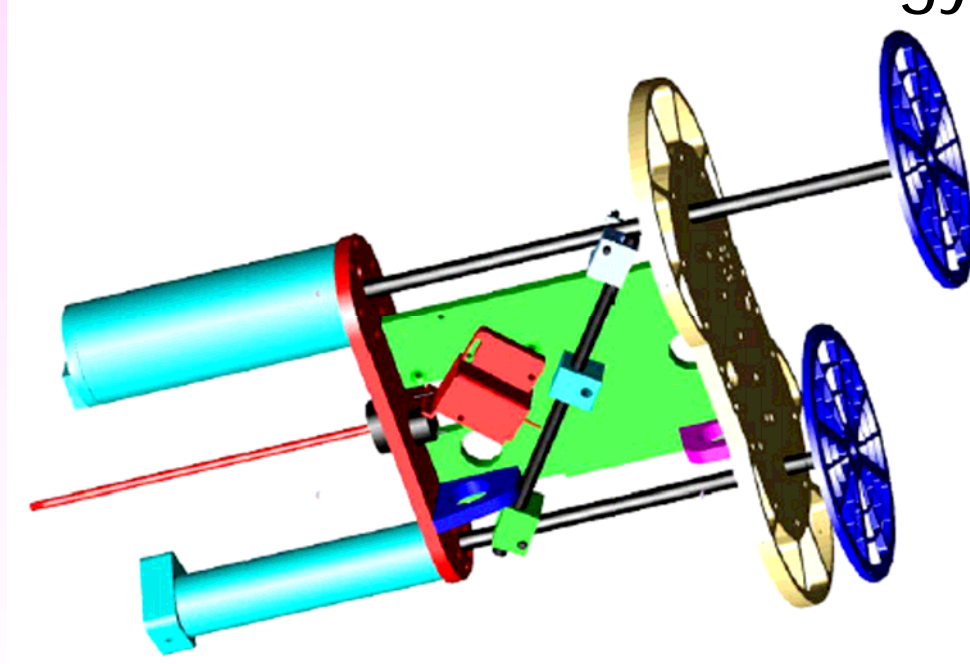
Motor Expelled Air Collects in Housing for Diver
Breathing Through A Demand Regulator

Normal Tank Dive Time Not Curtailed to Change /
Charge Batteries!

Straps to Tank (Hands Free) or Hand Held

This Simple Compound Motor Is The Secret!

Lightweight Motor Intakes Tank air at High 200 PSIG
and Expels Into Housing at Low 15 PSIG
(Maximum Possible Air Tank Energy Usage)



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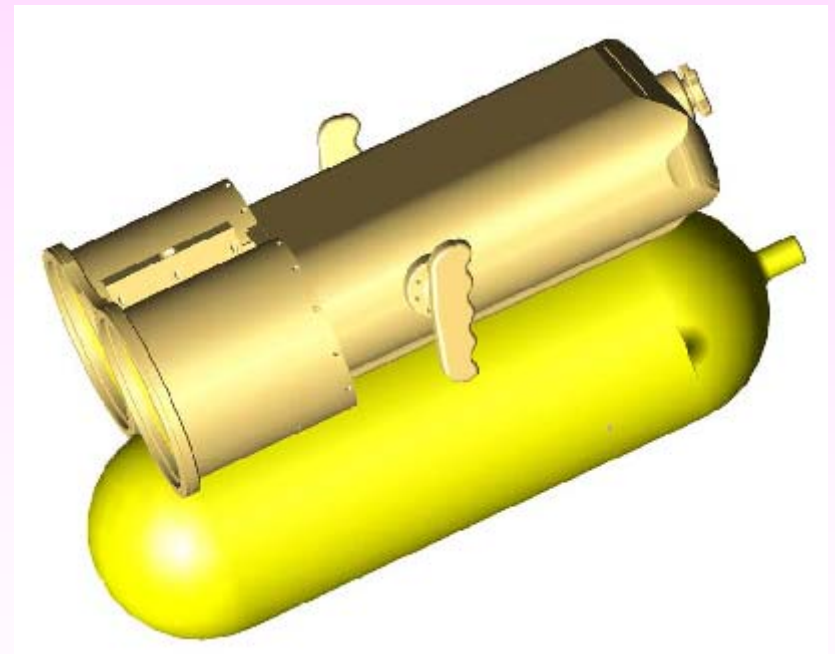
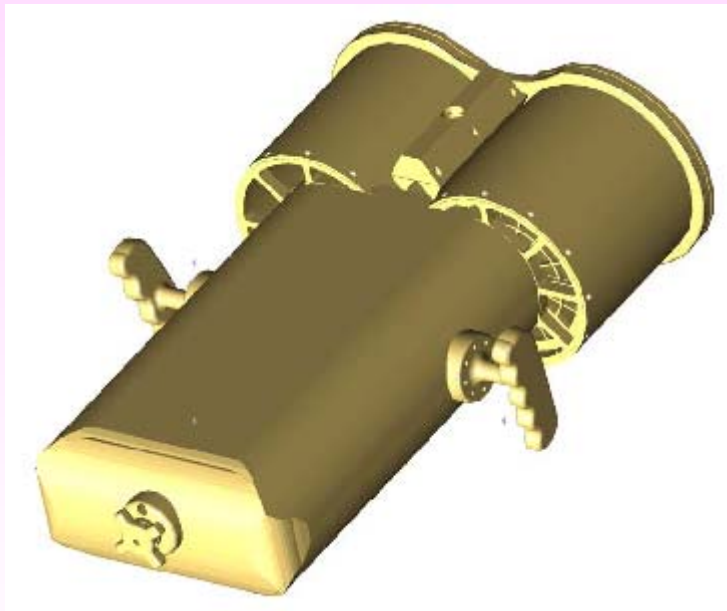
Air Motor Powers Dual Water Thrusters

No Propeller Needed!

Pistons Push Thrusters (Discs With Flaps) - Full Force Against Water in Drive Direction –
~Zero Resistance Returning.

Pistons Are Linked 180 Degrees Out of Phase. One Is Returning While One Is Driving. Thrust is Smooth and Continuous.

Tank Mount or Hand Held



What Do Sport & Commercial Divers Desire From UPV's? - Can Sea Horse Deliver?

Current UPV's Are Too Heavy / Bulky Around
Airports And Boats - Getting in and Out of Water
is Difficult, But Sea Horse is 1/2 to 1/6 The
Weight / Size

Want Hands Free Operation (Tools to Operate,
Objects to Grasp)

Sea Horse Can Strap to Dive Tank for Hands Free
Operation

What Do Sport & Commercial Divers Desire From UPV's? - Can Sea Horse Deliver?

Prefer Unobstructed View - Sea Horse Can Attach to Tank - Out of Sight

Single Dive Time Is Limited By Battery Charge (Less Range Than Desired)

Single Dive Time Not Limited By Sea Horse (~ Same Dive Time as Without It)

Sea Horse Has More Range than Any UPV - 2.5 Miles / Tank

What Do Sport & Commercial Divers Desire From UPV's? - Can Sea Horse Deliver?

Day Dive Freq Limited By Number of Heavy Batteries, Charging Time, and Charging Availability

Sea Horse is "Green" / Environmental Friendly (no Batteries to Dispose of – Twice as Energy Efficient)

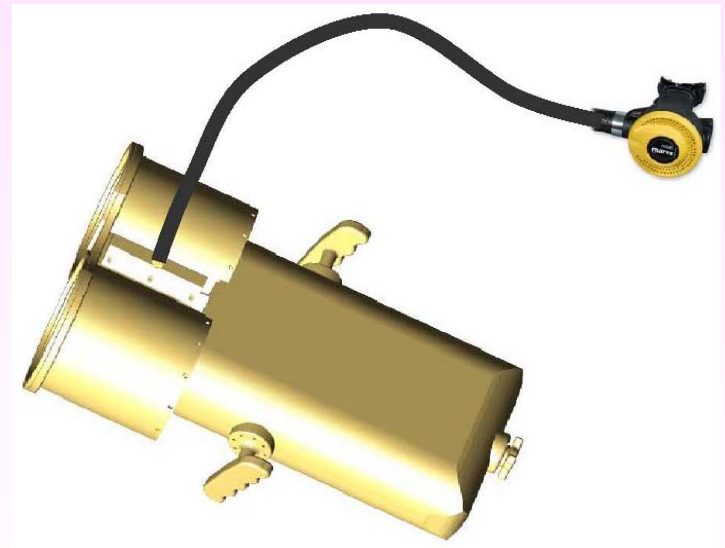
With Sea Horse, Quantity of Day Dives Unrelated To Number of Batteries

Most Current UPV's have 1 or 2 speeds – Sea Horse Speed is Infinite 0 to Max

Safety!

Diver Breathes From Sea Horse Housing Via 3/8 Hose, Large Port Regulator and Charcoal Filter - Air is Uniquely Fresh / Clean / Healthy (No "Stale Odor")

A Separate Regulator / Hose Attaches to Tank for Emergency Breathing

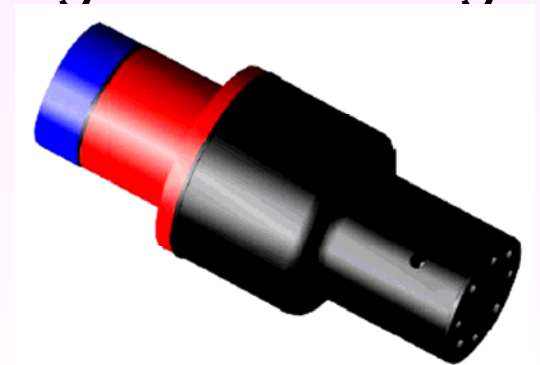


Housing Pressure Regulator Valve

Automatic Regulator Maintains Sea Horse Housing Pressure From 3 to 9 PSIG.

If Diver Is Not Breathing, Housing Pressure Builds up to the 9 Limit and Regulator Expels Housing Air Into the Water.

If UPV Is Not Used or Operating Slowly, this Regulator Bleeds Air Into the Housing Maintaining Diver Air Supply.



Marketing / Sales Data

Currently There Are ~15 Manufacturers of UPV's for Sport, Commercial, and Military Use.

Each Sells 400 UPV's Per Year

Industry Gross Revenue Is \$10,000,000 / Yr

Sea Horse Can Penetrate Market at 10% / Yr,
Revenues First Year Will Be \$1M, Second Year
\$2m, and Reach \$5M in 5 Years.

Marketing / Sales Data

This Sea Horse Has Significant Market Potential

Patent, Prototype, Production Detail Drawings Finished

A Sponsor is Sought to Manufacture and Market!



The SCUBA World Waits!