air dive

Cave Diving Equipments. Sidemount Config.



Reel & Lines



Primary Light



Cave Markers

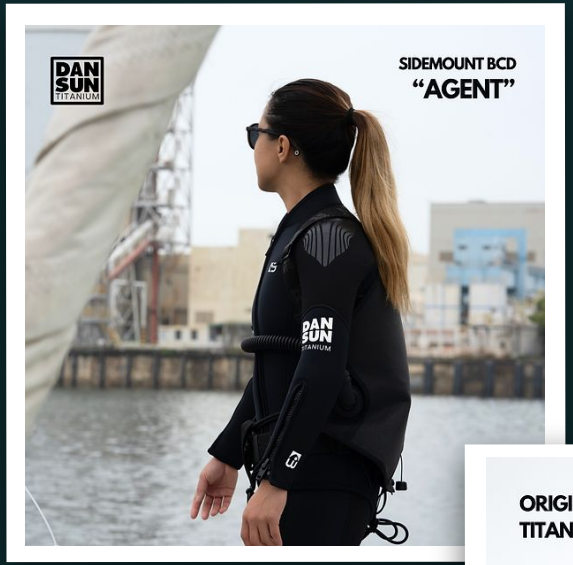
1. Sidemount System

- It can be any popular brands or a custom that unique to individual, as long as it serve the purpose. *)
- Low-Profile Sidemount Harness & Wing (Bladder).
- The system must be easily adjustable.
- 2 shoulder d-rings, 4 waist d-rings (2 left & 2 right), 2 rear d-rings and 1 butt d-ring.
- Loop bungee or continuous bungee for upper tank attachment point.
- Butt pouch for storing accessories/spares

*) Popular brands such as: *Razor*, *XDeep Stealth*, *DanSun Agent*, *Akuana Hummingbird*, *Hollis Katana*, *Tecline Avenger/Side*, *Java*, *etc.*



DanSun Agent: Harness & Wing







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Apeks XTX50



ScubaPro MK19/G260

2. Regulator Set for Sidemount

- 2x first stages (DIN with LP ports swivel turret)
- 2x second stages
- 2x gauges / SPGs
- 2x short HP hose for gauges (15-20cm)
- 1x elbow connector 90 degree
- 1x short hose (55-60cm)
- 1x long hose (210cm)
- 1x short inflator hose on 5th port (20cm)
- 1x small bolt snap
- 1x bungee for necklace

*) Popular Regs brands such s: *ScubaPro MK19/MK25 -S600/G260, Apeks XTX50/MTX-RC, Akuana F3/FN2*

Apeks MTX-RC







Akuana F3/FN2 - White



Akuana F3/FN2 - GunMetal



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3. Light(s)

- 1x Primary Light (>1,500 lumens)
- 2x Back-up Lights (450 - 1,200 lumens)
- Primary can be a light with battery canister or just bigger battery with enough burn-time for planned dive
- Narrow-pointed angle beam
- Clipped by bolt-snap
- Goodman handle for primary (optional)

*) Popular brands such as: *OrcaTorch*, *BigBlue*



Primary Light



Back-up Light(s)

4. Cylinder Rigging

- Pair of classic clamp band with screw, or cam buckle
- Each accompanied by bolt-snap clip
- Each also accompanied by retainer band for hoses







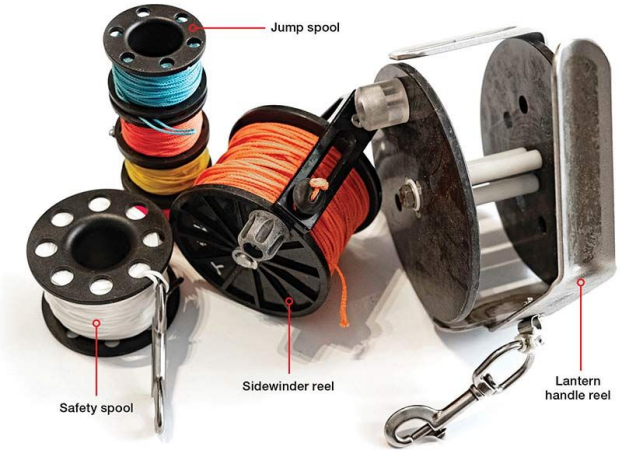
5. Reel, Spool, and Lines

- 1x Primary Reel: 200-400m *Lines*
- 2x Spools for *Jump Lines (30-40 meters)*
- 1x Spool for *Safety Lines (50 meters)*



Primary Reel





6. Dive Computer.

- 1x Primary Dive Computer (preferably with Bühlmann's ZHL-16C decompression model), wide screen for better visual in the dark/deco, with compass for navigation, and with Air-Integrated is just a luxury.
- 1x back-up Dive Comp for bottom timer.

*) Popular brands such as: *Shearwater, Garmin, etc.*



https://www.divein.com/dive-computer/best-dive-computer/



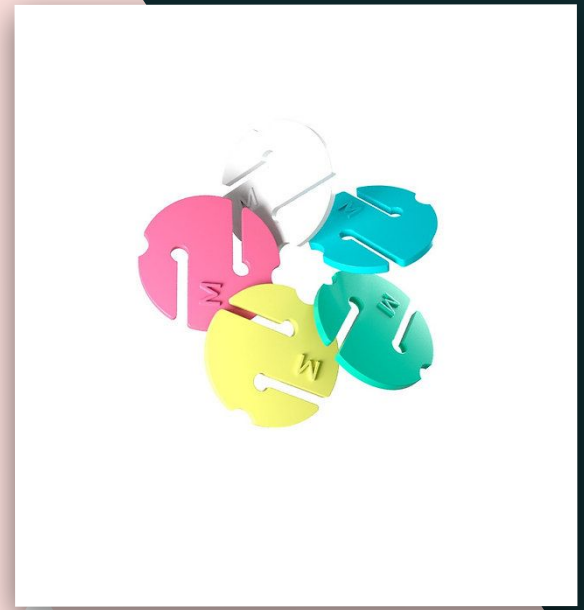
Shearwater Perdix 3

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7. Cave Marker(s)

- Directional and Non-Directional markers: **Arrow**, **Cookie**, and **REM** (Reference Exit Marker)







Other Essentials Equipment(s).

- **Exposure Suit:** Wet or Dry Suit. Cave can be cold.
- **Mask(s):** 1x Primary & 1x Back-up Mask.
- **Booties & Fins:** Don't use full-foot and long fin.
- **Wet Noteslate + Pencil:** to write D.A.T.A.
- **Helmet**: to protect your head & mount back-up light.
- **Line Cutter**: to free yourself when entangled or repair the line













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Those items will bring you to the darkside.



Susundeng Cave, Banggai Kepulauan

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