



## Who this SDI course is for:

- The certified diver looking to use a sidemount cylinder instead of the standard back mount unit.

## Course prerequisites:

- SDI Open Water Scuba Diver or equivalent
- Minimum age 18, 15 with parental consent.

## What you can expect to learn:

The SDI Sidemount Diver Course takes an in-depth look at all of the following and more:

- Gas management utilizing independent cylinders
- Equipment considerations
  - Cylinder options
  - Regulator options
  - Buoyancy compensator device (BCD)/harness options
  - Proper weighting
  - Equipment configurations
- Communication
  - Hand signals
- Problem solving
  - Gas-sharing

- Gas hemorrhages
- Water entries
  - Shore
  - Boat
- S-Drills (specific to sidemount)

Some of the required skills you will have to demonstrate include:

- Plan dive
- Test and check all equipment (depth gauges, bottom timers/watches and computers)
- Familiarization with area
- Descend to planned depth and not exceed any pre-planned limits
- Demonstrate the ability to safely manage gas in independent cylinders
- Monitor depth/time/air consumption, figure all times on slate
- Demonstrate ability to control buoyancy
- Attaching sidemount cylinders while
  - Out of water
  - On surface standing on bottom
  - On surface in water to deep to stand
  - At depth
- Perform gas switches
- Perform safety stops

## What's in it for you?

Upon successful completion of this course, graduates may engage in sidemount diving activities without direct supervision, provided the following limits are adhered to:

- Safety stops as appropriate
- Planned dives do not exceed diver's current certification level

Also, the SDI Sidemount Diver certification counts towards a single specialty rating to achieve the [SDI Advanced Diver Development program](#).

## SDI Sidemount Diver minimum requirements:

- Perform all land drills and open water dive requirements safely and efficiently
- Demonstrate mature, sound judgment concerning dive planning and execution
- Log all dives

Cost per training day per person 200 usd

## Who this TDI course is for:

- The SDI or TDI diver looking to expand their in-water skills and techniques
- The certified diver who has interest in moving forward with technical diving education and expanding their equipment configuration options

## Course prerequisites

(these requirements must be met prior to commencement of training):

- Minimum age 18
- Minimum certification of SDI Open Water Scuba Diver, or equivalent

## What you can expect to learn:

The TDI Sidemount Diver Course takes an in-depth look at all of the following and more!

- Gas matching procedures to include dissimilar volumes
- Gas management utilizing independent cylinders
- Psychological considerations of technical diving
- Equipment considerations including:
  - Cylinder options

- Regulator options
- Buoyancy compensator/harness options
- Proper weighting
- Equipment configurations
- Communication (light and hand signals)
- Problem solving in a sidemount configuration
- Diving in tight or confined spaces
- Conservation
- Water entries/exits
- S-drills specific to sidemount diving

Some of the required skills you will have to demonstrate include:

- Demonstrate various propulsion techniques such as the frog kick, modified frog kick, modified flutter kick, backwards kick, helicopter turns, and hand pulling if appropriate for the environment.
- Demonstrate adequate buoyancy control; ability to hover at a fixed position in water column without moving hands or feet
- Demonstrate adequate trim; ability to maintain proper position during the descent, bottom, and ascent portion of the dive
- Demonstrate the ability to perform the following exercises while maintaining trim and buoyancy in the water column:
  - Unclipping and attaching sidemount cylinders
  - Perform gas switches with and without a mask
- Demonstrate the ability to safely manage gas in independent cylinders
- Demonstrate conservation, awareness, and back referencing techniques
- Deploy a lift bag
- Carry additional cylinders is optional in this course

## What's in it for you?

Upon successful completion of this course, graduates may engage in sidemount diving activities without direct supervision so long as the following limits are adhered to:

- The diving activities approximate those of training
- The areas of activities approximate those of training
- Planned dives do not exceed diver's current certification level

## TDI Sidemount Diver minimum certification requirements:

- Perform all land drills and dive requirements safely and efficiently
- Demonstrate mature, sound judgment concerning dive planning and execution
- Maintain an appropriate level of awareness and respect for the environment
- Log all training dives

Cost per training day per person usd 250