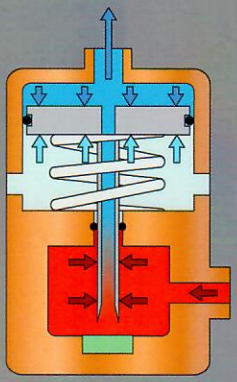
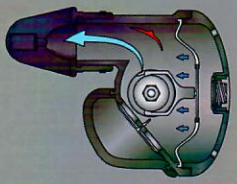
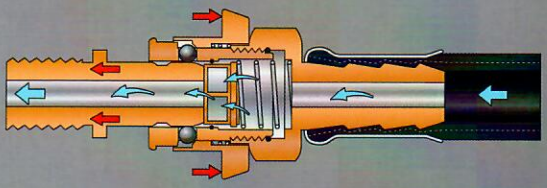
A Dived Up Guide





Diving Equipment

Choice, maintenance and function

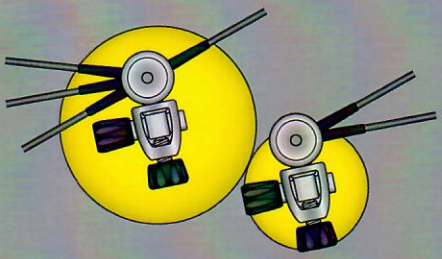


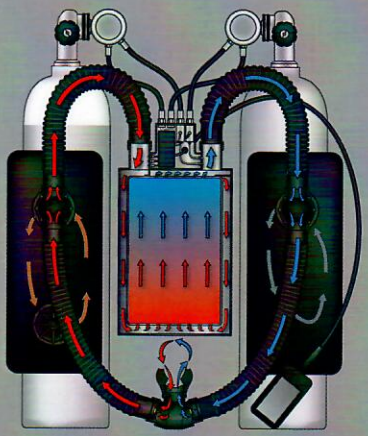
Jonas Arvidsson

DIVED UP

A solid introduction to how dive gear works, the choices we are faced with and how to ensure it will last. This is a book for anyone who wants to better understand diving kit without having to dismantle it, complete with helpful illustrations and details about the hidden inner workings. Although of obvious benefit to newer divers, *Diving Equipment* will also be of interest to divemasters, instructors, those who need a refresher and any curious non-diver. With an international perspective, covering a range of conditions and a wide variety of diving gear including: accessories; BCDs; computers; cylinders; drysuits; fins; gauges; masks; regulators; rebreathers; sidemount; snorkels; stages; torches; weights; wetsuits; wings and more.

Jonas Arvidsson is a writer, illustrator and translator who was formerly Head of Education at PADI Sweden and has instructed around the world.





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Diving Equipment

Choice, maintenance and function

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Jonas Arvidsson

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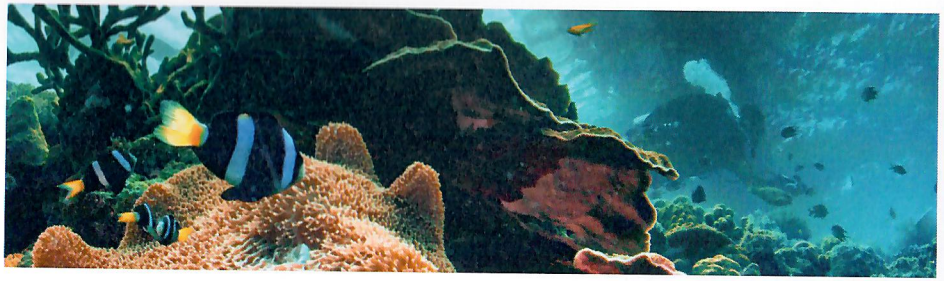

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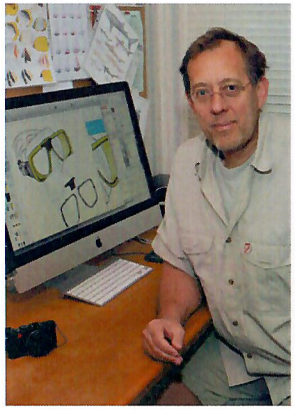
About the author

Even being born and brought up by the sea, diving was not in my mind until I got tired of university, packed my backpack and bought a single ticket to Asia. After a few months wandering, I eventually ended up in the Philippines. Beer was cheap (it still is) and life was easy, but it became a bit monotonous after a while. Beside the bar was a diving centre and the activities looked interesting. I signed up for the next course and on the first dive I was hooked.

Diving soon became my full-time occupation. Continued education went quickly and I dived almost every day. Instructor jobs in Australia, the Philippines, Thailand, and after a while in Sweden. It was a massive conversion to dive in cold waters, but I quickly started to appreciate this special dive environment as well. I continued to move on, head of education at Professional Association of Diving Instructors (PADI) Sweden, dive centre owner, PADI Course Director, and translation of virtually all PADI training materials into Swedish.



Everything has its own time and with two children I decided to get a real job, so I bit the bullet and finished my interrupted studies. I managed to have a normal job too, but after 15 years in the formal school system as a teacher of biology and chemistry and later headmaster, and with offspring who are no longer children, the choice was easy to re-comply with my passion to share my knowledge of the sea.

Thanks!

This book would not have been possible without the knowledge that several curious and passionate divers contributed over the years. We are all indebted to these known and unknown pioneers who expanded human understanding of how we can adapt to experience the amazing underwater world. Many have succeeded in developing the technology; more have failed. We have learned with gratitude from all, none mentioned, none forgotten. But it was Émile Gagnan and Jacques-Yves Cousteau that started and inspired so many. So, a very special thank you to these two heroes