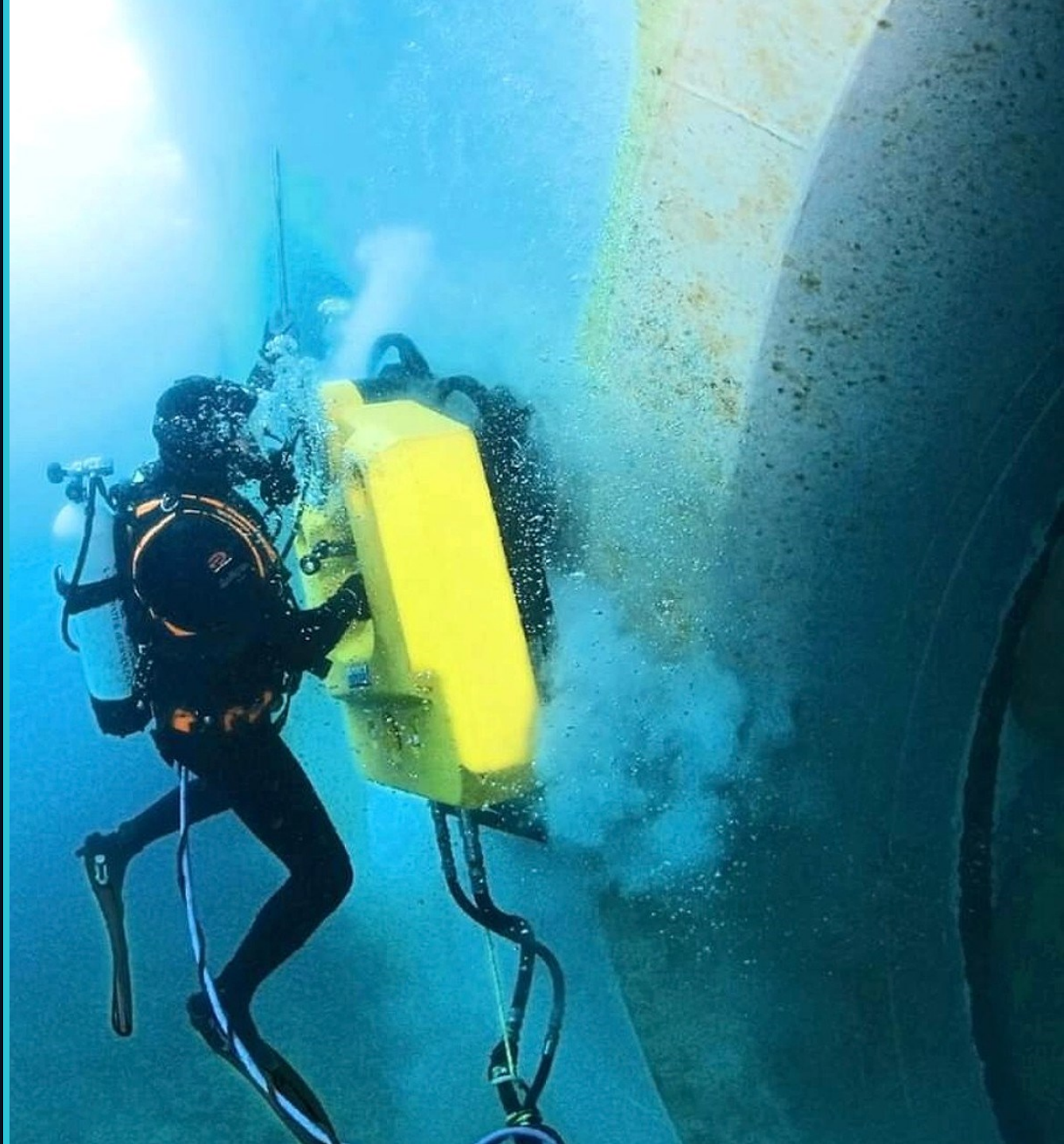
AQUA DRIVE

COMPANY PROFILE · 2026

Marine engineering and underwater solutions

Manufacturing, maintenance and diving support for marine machinery and engines.

SUEZ, EGYPT +20 101 704 4192



AT A GLANCE

Marine expertise you can depend on

Integrated services for marine machinery, engines and diving operations, keeping vessels and marine operations running efficiently wherever they are.

01

Manufacture

Hydraulic power units, crawlers and custom parts

02

Maintain

Marine engines, machinery and spare parts

03

Dive

Underwater work and polishing equipment



LEADERSHIP

Led by experience, driven by trust

Adel Al-Araby

COMPANY DIRECTOR

We focus on quality and precision in every job, delivering the best results for our clients and building long-term relationships based on trust and commitment.

SERVICES

Three disciplines, one partner



01

Marine engine repair

All engine types, modern equipment, fast solutions



02

Spare parts & hydraulics

Original parts and hydraulic power units



03

Diving & equipment

Underwater work, supply and servicing of gear

ENGINEERING

Electric hydraulic power unit

Electric motor

Drives the hydraulic pump

Valve block

Pressure and flow control



Oil reservoir

Steel tank, ready for duty

Oil cooler

Fan-cooled, sized to the system

ENGINEERING

Diesel-driven hydraulic power unit

Tubular frame

Rugged, easy to move and service

Diesel engine

Independent power for remote sites



Hydraulic circuit

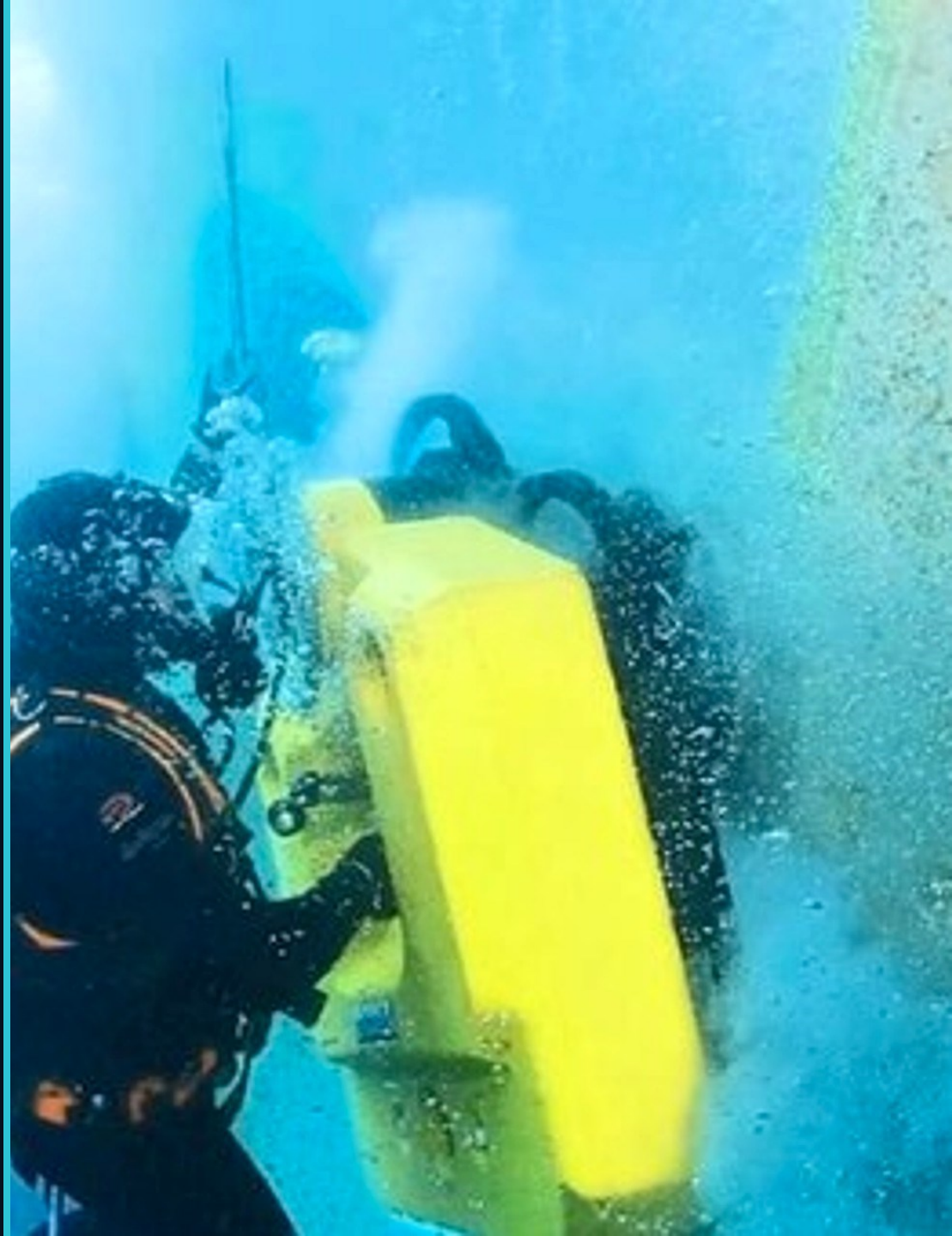
Pump, hoses and fittings

ENGINEERING

Underwater crawler, designed and built in-house



01	Stainless-steel roll frame
02	Hydraulic drive motors
03	Brush and polishing heads
04	Buoyancy pads and hose inlets



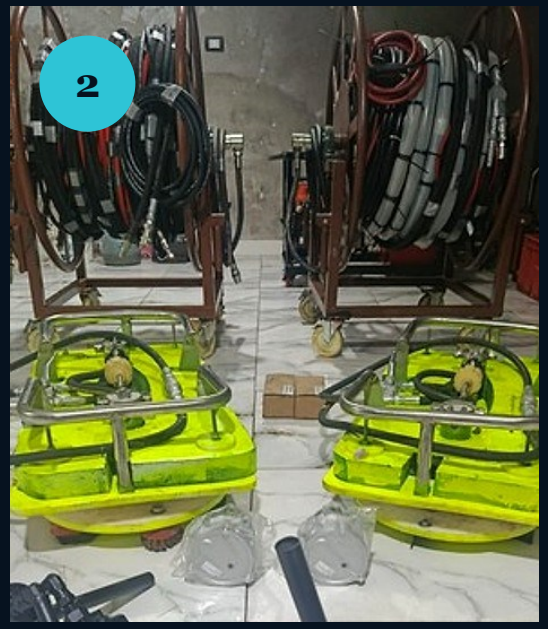
SYSTEM OVERVIEW

How our underwater systems work



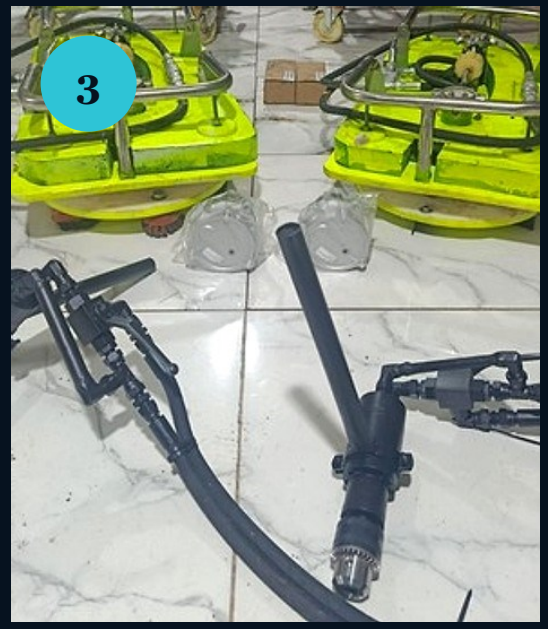
Power unit

Electric or diesel hydraulic power at the surface



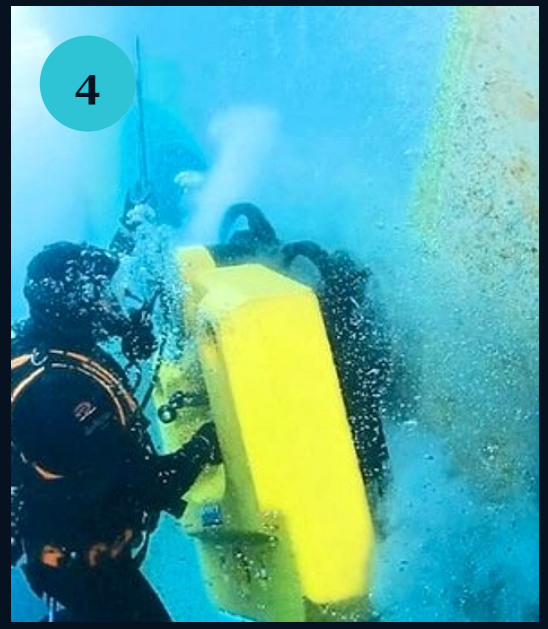
Hose reel

Hydraulic hoses carried to the work site



Underwater tool

Crawler or hand-held polishing tool

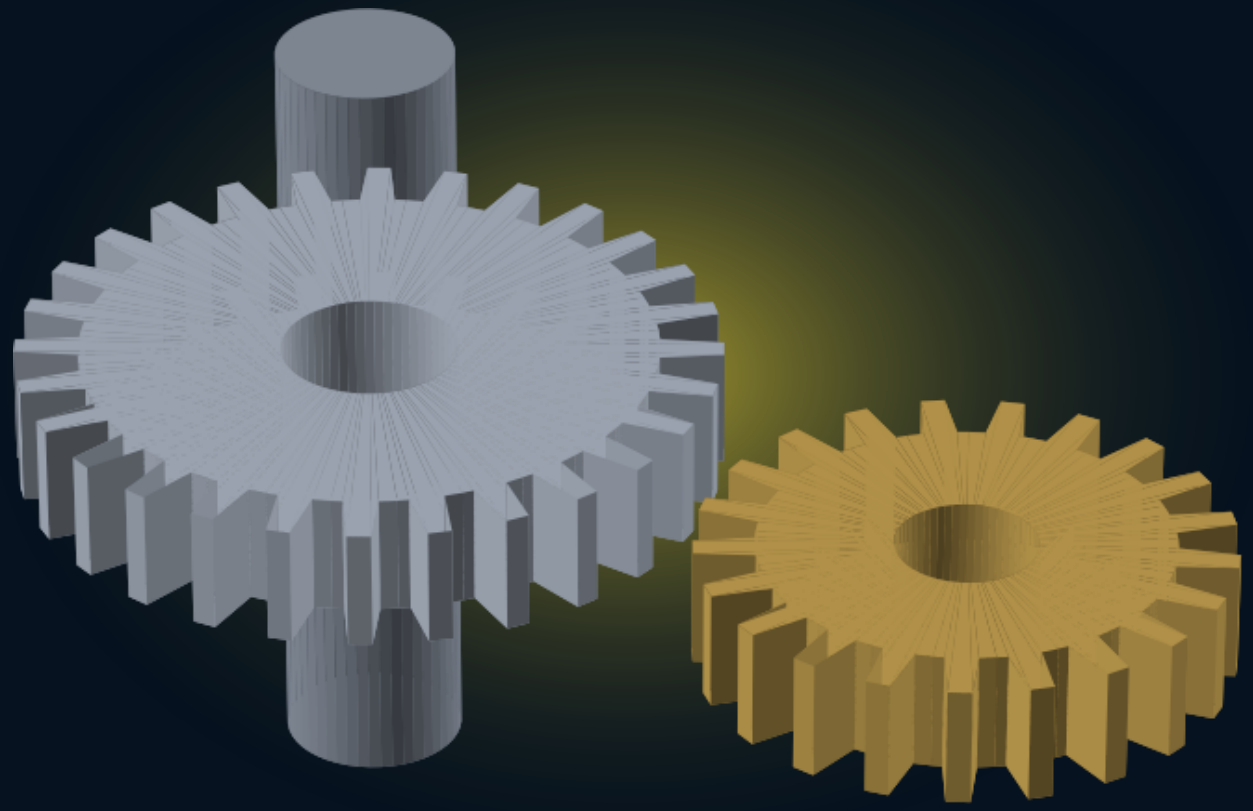


Hull or structure

Cleaned, polished and maintained

DESIGN & MANUFACTURING

If it can be specified, we can build it



3D render: machined gears and shaft

WHAT WE MACHINE

01 Gears and shafts, cut and turned to your drawing

02 Brackets, flanges, plates and frames

03 Special assemblies, one-off or repeat production

Design → Fabricate → Test and service



EQUIPMENT

Polishing and cleaning systems

01 Hydraulic polishing heads

02 Stainless-steel frames

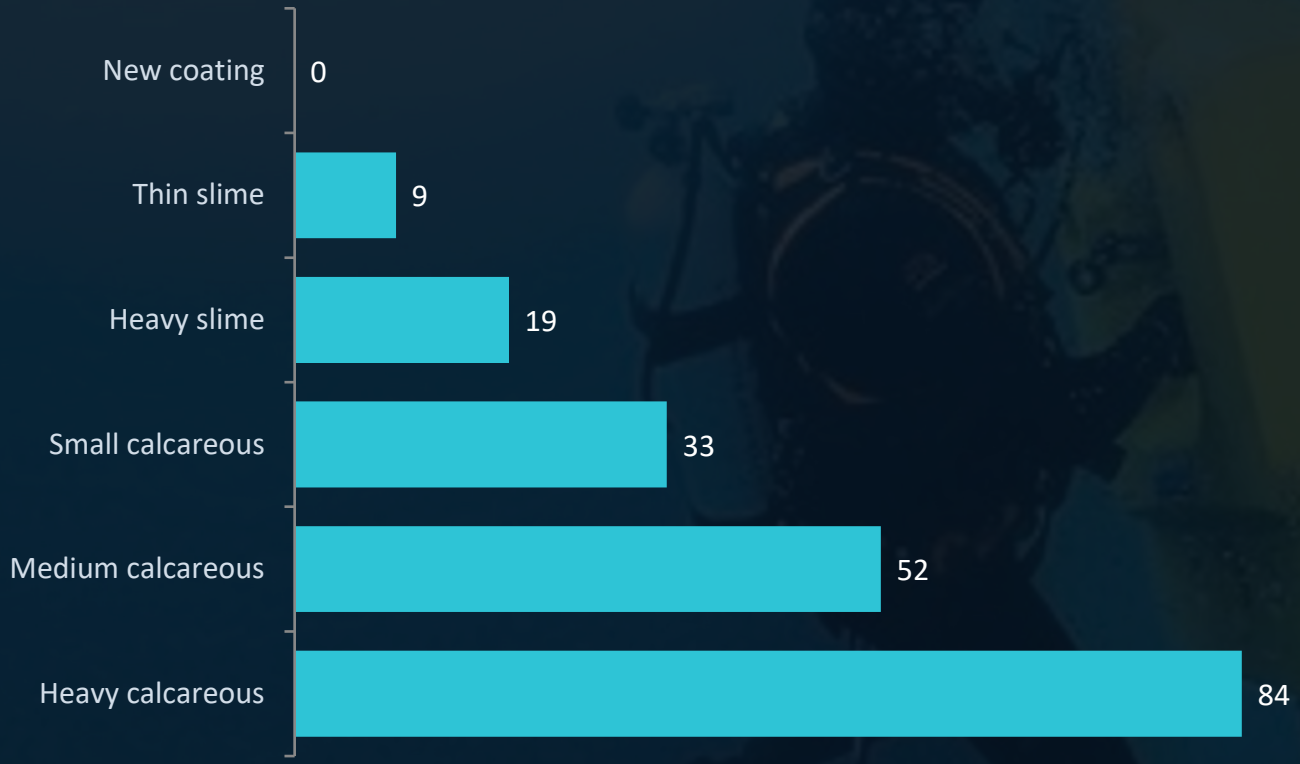
03 Hose reels and hoses

04 Hand-held hydraulic tools

INDUSTRY CONTEXT

Why hull condition matters

ADDITIONAL SHAFT POWER NEEDED TO HOLD SPEED (%)



84%

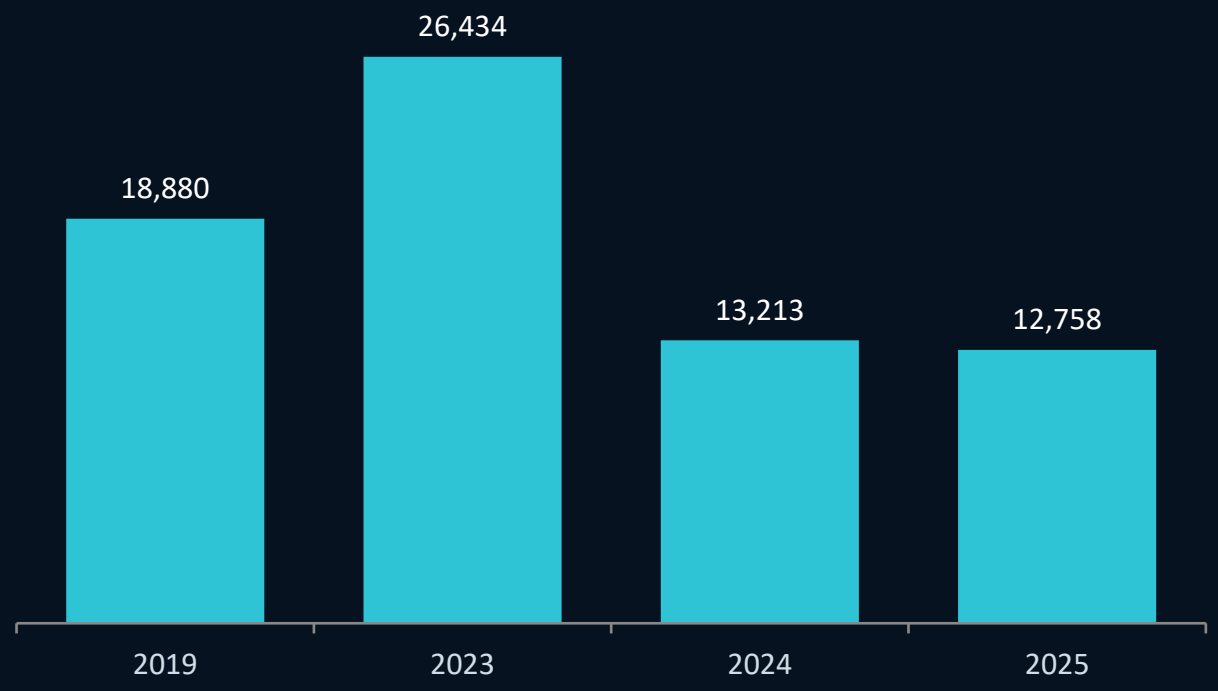
extra shaft power to hold speed with heavy calcareous fouling. A clean, polished hull saves fuel.

Source: I-Tech / Safinah (2025), citing Munk et al. (2009)

OUR LOCATION

A global trade corridor on our doorstep

SUEZ CANAL VESSEL TRANSITS PER YEAR



Source: Suez Canal Authority figures, as reported by Amwal Al Ghad and Ports Europe



12,758

vessel transits in 2025, even after the Red Sea disruption that followed the 2023 record of 26,434.

HOW WE WORK

From brief to delivery, under one roof



01

Brief

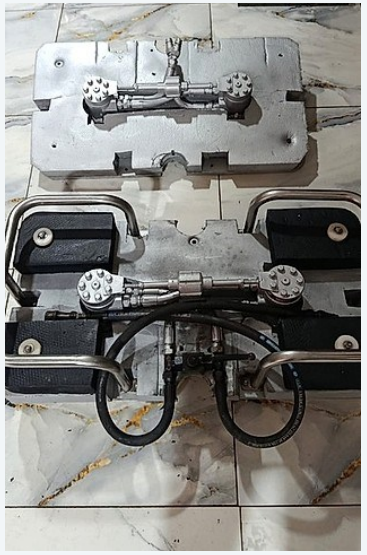
Your requirement and operating conditions



02

Concept

Design options and material selection



03

Drawings

Detailed engineering drawings



04

Fabrication

Built and machined in our workshop



05

Testing

Pressure and function testing



06

Delivery

Handover, training and support

Design, fabrication, testing and service with one accountable partner.

BUILT FOR

Marine operations of every scale

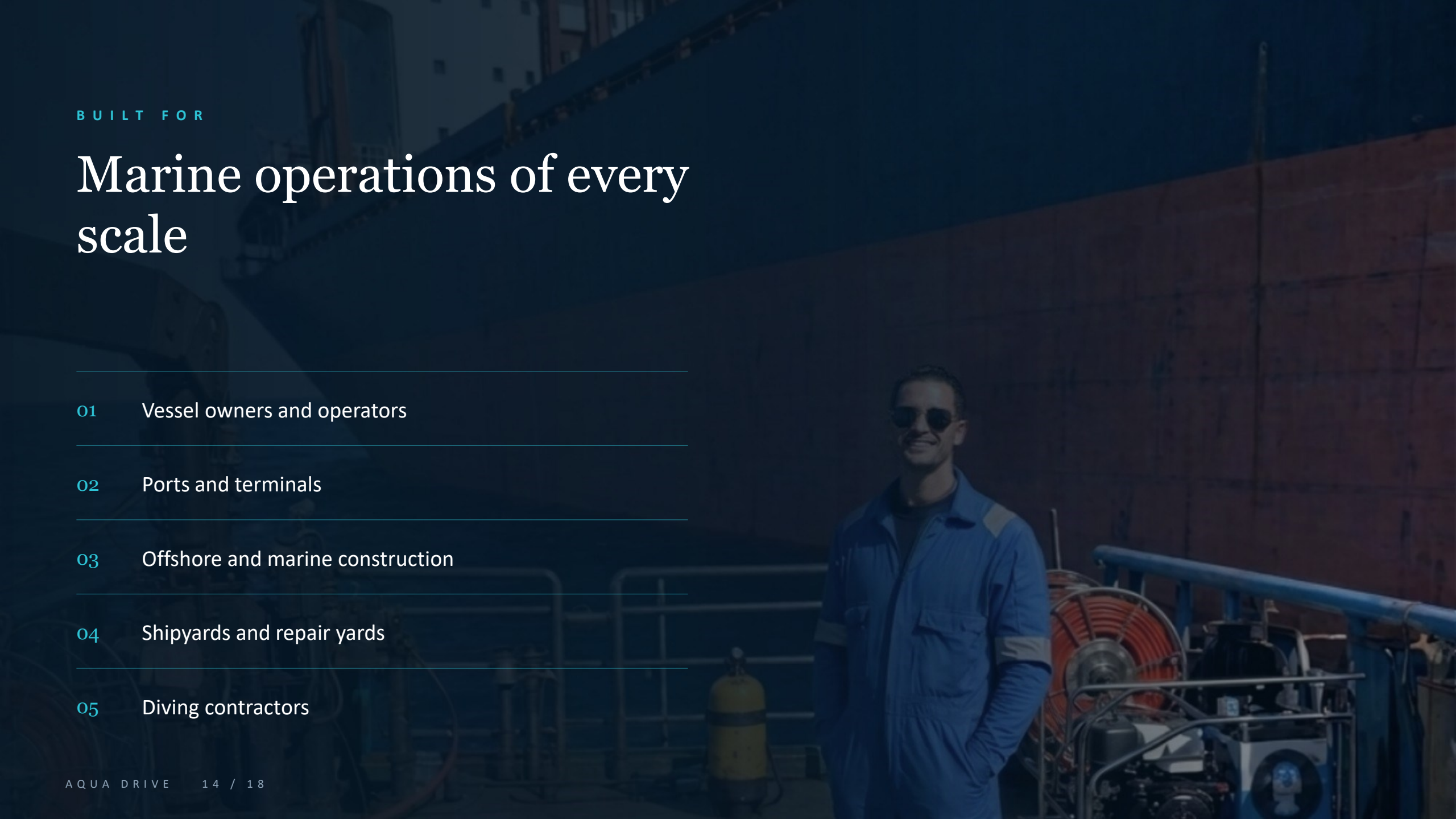
01 Vessel owners and operators

02 Ports and terminals

03 Offshore and marine construction

04 Shipyards and repair yards

05 Diving contractors



WHY AQUA DRIVE

One partner, complete solutions

01

Integrated offer

Manufacture, maintenance and diving together

02

Speed

Fast, effective solutions that cut downtime

03

Precision

Careful execution and attention to detail

04

Global reach

Our work extends across the world

05

Original parts

Genuine spares at competitive prices

06

Long-term trust

Relationships built on commitment

GALLERY

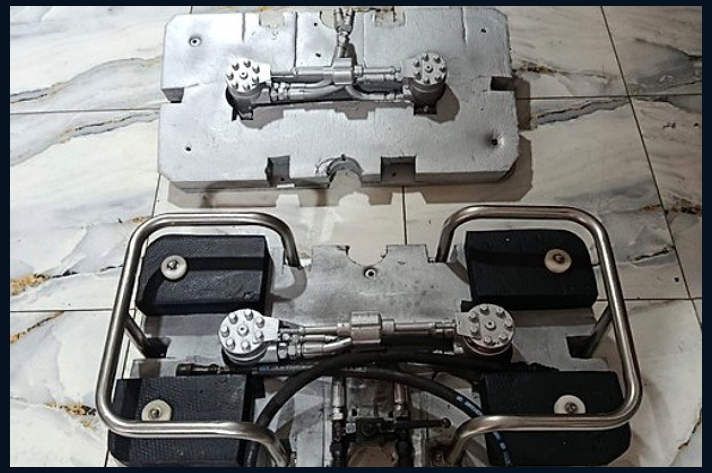
In the field and in the workshop



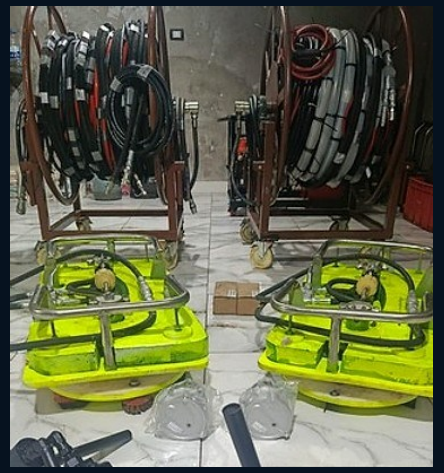












WHERE WE WORK

At the gateway of the Suez Canal

From our base in Suez, we support marine operations worldwide, combining local responsiveness with international reach.

Suez, Egypt

Workshop and operating base

AQUA DRIVE

GET IN TOUCH

Let's keep your operations moving

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LOCATION	Suez, Egypt