



ROCM

MACHINE INTRODUCTION

The ROCM, designed by DCN Diving, is an advanced, automated cleaning machine specifically developed for maintaining sluice gates, such as the Brouwerspui in the Netherlands. Using robotic technology, sensors, and modern control software, the ROCM offers a safe, efficient, and environmentally friendly cleaning solution for complex water infrastructure.

TECHNICAL SPECIFICATIONS

Dimensions

4 x 4 x 4 m

Drive system

Equipped with hydraulic tracks and distance sensors

Position measurement

Length encoder tracks movement

Control system

All hydraulic valves are integrated within the machine frame

Swing arm

Swing arm with a 4-meter brush, capable of up-and-down motion

Extendable arm

Extends up to 2 meters to cover various height ranges

Pressure regulation

Pneumatic buffer applies constant pressure, keeping the brush against walls

