

Technical datasheet

De Schepper



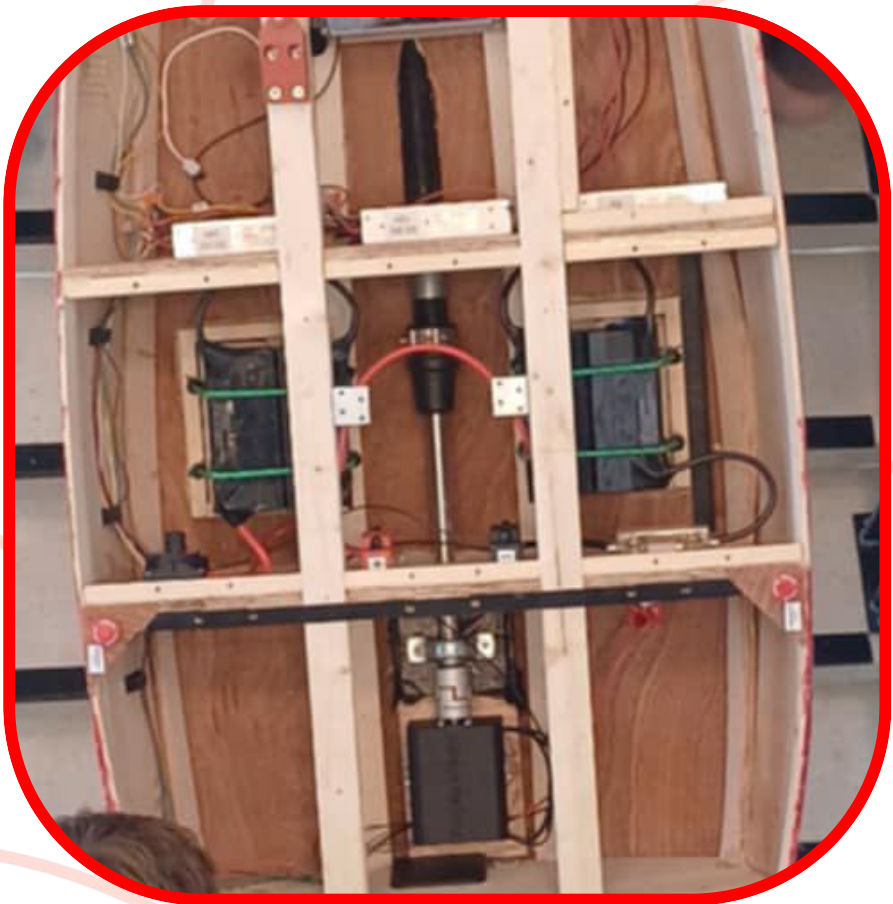
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GEN 0

TYPE: LEAD ACID
KIND: VISION

VOLTAGE: 50 V
CAPACITY: 72 AH
FUSE: 100 A

Battery



DEPTH: STEREO CAMERAS
LOCATION: PRECISE GPS RTK

CONTROLLER: RASPBERRY PI
OBJECT DETECTION
DEPTH MAPPING
PATH PLANNING

Autonomous



Hull

TYPE: FULL COMPOSITE

LENGTH: 2 METER
WIDTH: 0.6 METER
GEWICHT: 56KG
ACCOMODATION: 0

LCG

Motor

TYPE: ELECTRO MOTOR
KIND: ODRIVE

MAX POWER: 700 W
MAX RPM: 6000 RPM
TRANSIT SPEED: 8 KNOTS

Rudder

TYPE: FULL COMPOSITE
SUPPORT: 3D PRINTED
INFILL: FOAM

ANGLE: $\pm 30^\circ$
POWER: LINEAR ACTUATOR
ENCODER: MAGNETIC

