

# THE SURFBOARD REIMAGINED

## THE MAKO BOARDSPORTS SLINGSHOT JETBOARD



The Mako Boardsports Slingshot jetboard has over 300 parts, but just one goal—to completely reinvent the sport of surfing. With its internal, water-cooled, two-stroke engine, the jetboard can be used on almost any body of water with or without surf. Since aesthetics were a top priority for the design team at Gilo Industries, the engineers started with a predetermined carbon fiber body and worked backwards to ensure all the mechanical elements would work together.

### ELEVATED HAND THROTTLE

Acceleration is controlled via an elevated and highly flexible hand throttle.

### TWO-STROKE ENGINE

A highly compact, water-cooled, two-stroke engine delivers over 100 ccs of power.

### CARBON FIBER BODY

A sleek, carbon fiber frame was designed to provide maximum buoyancy. SOLIDWORKS Draft Analysis tools were vital to help Gilo Industries design for manufacturing.

### FUEL EFFICIENCY

The highly efficient engine provides an impressive two-hour run time.

### CRANKSHAFT

SOLIDWORKS Simulation was used to ensure the structural integrity of the crankshaft and overall reliability of the engine.

### PACKED TO THE GILLS

The jetboard's bill of materials (BOM) contains over 300 parts. With SOLIDWORKS assembly design and validation capabilities, Gilo Industries was able to overcome space limitations to ensure everything fit correctly.

### SPECIFICATIONS

Board Length: 1880 mm / 74.02 in  
Board Width: 596 mm / 23.46 in  
Board Height: 447 mm / 17.60 in  
Dry Weight: 19.5 kg / 42 lbs 16 oz

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