

# World Cat 280DC-X (2019-)

## Brief Summary

The World Cat 280DC-X is a far larger boat than 28' (8.53 m) monohulls and is better suited for offshore work. She has a large bow seating area for entertaining when not fishing. Her aft cockpit serves well for both fishing and entertaining. The hardtop can have isinglass added to make it a three season boat.

## Price

**Base Price** \$223000.00

*Prices, features, designs, and equipment are subject to change. Please see your local dealer or visit the builder's website for the latest information available on this boat model.*

## Key Features

- Resin infused hull
- Dual fuel systems
- Robust swim ladder and platform
- Stand-up head

## Test Results

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
600	2	1.7	2.5	0.8	0.7	158	137.7	60
1000	5	4.3	1.6	3.1	2.7	606	526.5	72
1500	7.5	6.5	2.7	2.8	2.4	555	482.7	74
2000	9	7.8	4.5	2	1.7	395	343.2	76
2500	14	12.2	6.8	2.1	1.8	406	353.4	76
3000	20.5	17.8	8.6	2.4	2.1	474	412.1	79

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
3500	27	23.5	12	2.2	2	445	386.9	78
4000	31.5	27.4	15.4	2	1.8	406	352.6	78
4500	36.5	31.7	20.4	1.8	1.6	355	308.7	79
5000	41.5	36.1	29.8	1.4	1.2	276	239.6	80
5500	48.5	42.2	37.3	1.3	1.1	257	223.8	80

[View the test results in metric units](#)

[worldcat\\_280dex\\_chart\\_18.jpg](#)

# Specifications

Length Overall	27' 6" / 8.38 m
BEAM	9' 2"   2.79 m
Dry Weight	6,272 lbs.   2,845 kg
Tested Weight	8,390 lbs.   3,806 kg
Draft	14'   0.35 m
Draft Up	
Draft Down	
Air Draft	
Deadrise/Transom	N/A

Max Headroom	open
Bridge Clearance	8? 4"   2.54 m
Weight Capacity	
Person Capacity	11
Fuel Capacity	220 gal.   833 L
Water Capacity	16.5 gal.   62 L
Length on Trailer	
Height on Trailer	
Trailer Weight	
Total Weight	8,390 lbs.   3,806 kg
Aft Deck	
Salon Inside Width	
Salon Fore & Aft	
Salon Height	
Salon Volume	
Galley Volume	
Master SR Width	

Master SR fore & Aft	
Master SR Overhead	
Master SR Volume	
Eng. Room Volume	

## Acceleration Times & Conditions

Time to Plane	7.1 sec.
0 to 20	
Ratio	N/A
Props	14 1/4 x 18 3-blade
Load	2 persons, 1/2 fuel, no water, 50 lbs. of gear
Climate	88 deg., wind: light; seas: light chop

## Contents of Report

- [Mission Statement](#)
- [Major Features](#)
- [Features Inspection](#)
- [The Bow](#)
- [The Cockpit](#)
- [The Helm](#)

- [Performance](#)
- [Handling](#)
- [Options to Consider](#)
- [Observations](#)

#### World Cat 280DC-X running

The dual-console catamaran measures 27'6" (8.4m) with a 9'2" (2.8m) beam and comes twin 200-hp Yamaha 4 cylinder, in-line 4 outboards.

## Mission Statement

World Cat has designed the 280DC-X to be a do-everything catamaran that can meet the demands of an active on-water family. She can be set up with a slant more toward cruising or fishing or a combination of both with spacious bow seating, a large open aft cockpit and a private head. Her catamaran design offers a smooth ride in myriad conditions and fuel efficiency.

#### World Cat 280DC-X running

Here we see the boat's dual-purpose intent shown with the wraparound seating in the bow and the open aft cockpit.

## Major Features

- Large bow seating area
- Four-position backrest for port cockpit lounge
- Step-in storage compartment in starboard bow
- Standard fiberglass hardtop
- Stand-up head

## Features Inspection

**The Bow.** When we approached the 280DC-X, we couldn't help but notice the size of the bow area. It measures 6' (1.8 m) wide and the side lounges are 4'9" (1.5 m) long. There are cupholders, grabrails, storage compartments, and USB plugs in each gunwale. An optional filler cushion, table, and sun shade for the bow are available.

The forward cockpit is 33" (83 cm) deep.

## World Cat 280DC-X bow

Notice that this adult woman is sitting up to her shoulders in the bow. This creates a secure riding position when underway.

## World Cat 280DC-X bow table

An optional table can be installed in the bow to enhance the area's versatility and check out the grass mat.

## World Cat 280DC-X bow filler

Fill in the bow to create an extra-large tanning area or playpen.

# Bow Storage

Beneath the port-side bow cushion is a 180-quart (170 L) insulated compartment that drains overboard, making it a good candidate for use as a fishbox. To starboard, the forward backrest pulls up on hinges to open a walk-in storage compartment. There's a dedicated spot for a 5-gallon (19 L) bucket and plenty of space, plus access to the helm rigging. Ahead in the 280DC-X's foredeck are two large hatches with two pull-up cleats in between. The windlass is in the starboard compartment with the washdown hose coiled in a rack to port.

## World Cat 280DC-X bow storage

The aft port bottom cushion opens on a gas strut and closes on a heavy-duty rubber gasket and take note that the hinge is installed with through-bolts and backing nuts.

## World Cat 280DC-X console storage

One of the many benefits of a dual console is the walk-in compartment ahead of the helm and check out the clean, easy-to-follow rigging.

## World Cat 280DC-X bucket

In the entryway to the console storage is a dedicated spot for securing a 5-gallon (19 L) bucket.

## World Cat 280DC-X foredeck

The foredeck has enough space for an angler to fight a fish. World Cat uses pull-up cleats to help keep lines from getting snagged.

## World Cat 280DC-X anchor

The stainless steel anchor is an upgrade from the standard galvanized one.

## World Cat 280DC-X hatch

The starboard foredeck hatch opens to provide access to the foot controls for the windlass and the anchor rode.

# The Cockpit

**The Head.** With the dual-console design, the center section of the windshield opens to make it easy to pass aft into the 280DC-X's cockpit. The port console opens to provide entry into the boat's private head that has a freshwater toilet with a 9-gallon (34 L) holding tank and overboard discharge. A sink in a Corian countertop and a pull-up shower rounds out the picture.

#### World Cat 280DC-X head

A large section of the port console opens to facilitate entry into the private head, giving the compartment a more spacious feel.

#### World Cat 280DC-X head countertop

The head has a Corian countertop plus a storage shelf for toiletries.

**The Helm.** Across from the port console, the helm has space for a 12" (30.5 cm) multifunction display and to the right is the Yamaha Command Link Plus engine display screen. Accessory switches are across the top of the panel with the Fusion stereo centrally located beneath the compass. The button for the optional windlass is to the left of the tilt steering wheel. The helm seat is 24" (61 cm) wide and 20" (50.8-cm) deep with the bolster down and 11" (27.9 cm) deep with it up.

#### World Cat 280DC-X helm

In this photo, the boat is equipped with the optional Garmin GPSMap 7612 and VHF radio.

#### World Cat 280DC-X command link

Yamaha's Command Link Plus puts all engine information in one comprehensive screen.

#### World Cat 280DC-X electronics

Here we get an idea of the amount of available real estate available for electronics in the 280DC-X's dash panel.

#### World Cat 280DC-X keyless

Keyless ignition means no more worrying about losing the keys or where they can be hidden when the boat isn't in use.

#### World Cat 280DC-X drivers seat

In the down position, the driver's seat could have space for a second person to join the captain. Outboard there are cupholders, plus auxiliary plugs.

#### World Cat 280DC-X bolster seat

Fold up the bolster and there's good space for a captain to lean back and drive from a standing position.

**Cockpit Amenities.** Aft the helm seat, the 280DC-X has a small wet bar that comes standard with a sink and removable cooler and can be upgraded with a grill and refrigerator. To port is the most versatile seat on

the boat, a lounge with a backrest that can be moved into four different positions that let passengers travel in seated positions or lay out flat to catch some rays.

**Aft to starboard**, a 40" (101.6 cm) long bench seat folds into the transom when not in use. With the seat folded out of the way, the cockpit measures 8' (2.4 m) wide and an average of 5' (1.5 m) fore to aft. There are rod holders in the gunwales and rocket launcher-style units on the back of the fiberglass hardtop. In the center of the transom is a 19" (.48 m)-wide gate that provides easy access to the launch ramp swim platform and heavy-duty ladder.

#### World Cat 280DC-X cockpit

The cockpit has a lounge with a convertible backrest to port and a wet bar to starboard.

#### World Cat 280DC-X cockpit bar

Located abaft the helm seat, the cockpit bar has dedicated space for a portable cooler.

#### World Cat 280DC-X grill

An owner can upgrade the cockpit wet bar to include a grill and refrigerator instead of the cooler.

#### World Cat 280DC-X port lounge

With the backrest in this position, the port lounge can accommodate four passengers.

#### World Cat 280DC-X step rail

Stepping on this rail at the bottom of the seat base releases the backrest so its position can be adjusted.

#### World Cat 280DC-X port lounge

With the backrest lowered to the flat position, there's space for two people to stretch out and relax.

#### World Cat 280DC-X live well

Because the boat will more than likely be used for fishing, there's a livewell in the port seat.

#### World Cat 280DC-X baitwell

Among the available fishing options on the 280DC-X is this 20-gallon (76 L) livewell under the aft bottom cushion on the port lounge.

#### World Cat 280DC-X bench

This doublewide bench folds out of the stern to provide added seating capacity.

#### World Cat 280DC-X aft cockpit

When the time comes for fishing, the cockpit is 8' (2.4 m) wide with an average of 5' (1.5 m) of fore-to-aft space and coaming height is 27" (68.6 cm).

#### World Cat 280DC-X

If the weekend plans call for tubing, the optional retractable tow pylon is a worthwhile consideration.



## World Cat 280DC-X shower

To port in the top of the transom are the retractable shower and freshwater fill.

## World Cat 280DC-X gate

Someone at World Cat paid attention to details. The gate is hinged on the opposite side of the foldaway bench so it can be opened if the seat is out.

## World Cat 280DC-X sureshade

Another option worth considering is the SureShade retractable cockpit shade.

## World Cat 280DC-X ladder

We can't remember seeing a more substantial boarding ladder on any boat we've tested. Suba divers will welcome it.

**Cockpit Storage and Access.** If an owner opts for the livewell in the port seat base, cockpit storage is pretty much spoken for on the 280DC-X. Twin in-deck hatches provide access to the bilge with the batteries and trim pumps to starboard and livewell pumps to port.

## World Cat 280DC-X twin hatches

Twin hatches in the cockpit deck provide access to the batteries and trim pumps to starboard and the bilge and livewell pumps to port.

## World Cat 280DC-X batteries

The batteries and trim pumps are in the starboard compartment and we like that the caps for the reservoirs for the trim fluid are positioned for easy topping off.

## World Cat 280DC-X bilge pump

In the port compartment, notice that World Cat installs the bilge pump and float switch in the center of the photo on a dedicated pad. Aft to port, the fuel-water separator is easy to reach for service.

# Performance

**The Numbers.** The 280DC-X's empty weight is said to be 6,272 lbs. (2,845 kg). With two people, 120 gallons (454 L) of fuel and test gear aboard, we had an estimated test weight of 8,390 lbs. (3,806 kg). The engines were spinning 14 ¼" x 18" three-blade Yamaha stainless-steel propellers. We wound up the twin 200-Yamaha outboards up to 5500 rpm where we saw 48.5 mph.

**Best cruise** came at 3000 rpm, where we recorded 20.5 mph and 8.6 gph, which translated into 2.1 mpg and a range of 474 statute miles with 10 percent of the boat's 220-gallon (833 L) fuel capacity in reserve. In acceleration tests, the boat planed in 7.1 seconds and ran to 30 mph in 8.4 seconds. At 600 rpm, she ran 2.0 mph and at 1000 rpm, we recorded 5.0 mph.

## World Cat 280DC-X running

Twin 200-hp outboards are plenty to push the 280DC-X's efficient catamaran design.

## Handling

World Cat designs the 280DC-X's VectorFlo bottom with a pod forward in the hull that helps break up incoming water and aerate it to help reduce friction and create lift. The company says this provides a softer ride and the cushioning affect actually increases when the water gets rough.

**We tested in a light chop** and the twin bow's sharp entries cut through the waves effortlessly. In turns, the boat leans into maneuvers with confidence and felt responsive and predictable. Around the docks, having the motors spread out on the transom gave them plenty of influence to move the boat where we wanted it to go.

## World Cat 280DC-X vector flow

This diagram from World Cat explains how the water in the tunnel is aerated to provide a softer ride.

## World Cat 280DC-X

Bay chop provided little challenge for the 280DC-X. Her sharp forward entry cuts through the water and notice the bow-up attitude once she's up and running.

## World Cat 280DC-X running

The 280DC-X carves through turns like a V-bottom, leaning comfortably into the maneuver and holding a tight track.

## World Cat 280DC-X adults

One benefit of a catamaran design is that two adults can stand on the deck on one side and the boat doesn't list at all.

**Construction.** World Cat builds the 280DC-X with resin infusion for ideal saturation of the laminate. The process starts with hand-applied gelcoat and a vinylester barrier coat to protect against osmotic blistering. This is followed by a fine skin coat and then bi- and tri-directionally woven cloth applied by hand and overlapped in high-stress areas.

A layer of 36-ounce woven roving is applied chine to chine. Bulkheads and stringers are formed out of high-density composite, as is the transom, which is beefed up with aluminum plates to support engine mounts. Voids are filled with foam after the stringers and hulls are glassed into the hull. The deck is bonded to the hull and stringer tops to create a structural grid.

**Warranty.** 10 Years Limited Lifetime.

# Options to Consider

- ProMariner ProSport 20plus 3-bank waterproof chargers
- Fishing package with 20-gallon (76 L) livewell and rocket launcher rod holders on hardtop
- Bow filler cushion
- Bow table
- Snap-down woven Sea Grass cockpit flooring
- Cockpit grill, 1,300-watt with two batteries and inverter charger
- Cockpit refrigerator
- Helm windshield wiper and rinse
- LED underwater lights
- Optimus electronic steering
- Optimus 360 System with electronic steering, seastation, joystick, and Seaways Autopilot
- SureShade retractable canvas
- Taco marine 380 Grand Slam XL top-mount outriggers with 16' (4.9 m) or 18' (5.5 m) carbon fiber poles
- Taylor Made bow shade
- Enclosure tracking on windshield

# Observations

For the cruising family, the World Cat 280DC-X has plenty to offer with its spacious bow, abundant storage and comfortable ride. Anglers will also appreciate the handling and performance when they head offshore. Once they're on the bite, the large cockpit and multiple rod holders should satisfy anglers needs.

For divers, the aft ladder is one of the most robust we've seen for reboarding in full gear.