

Cross 75 BR

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Targets for the project: Cross 75 BR

- Implement the new look & feel of Cross line-up
- Modernize the hull and deck lines, yet retaining Cross DNA
- Comfort on top as well as overall aesthetics
- Social usability – needs to be best in class
- It must be: Fun, Stylish & Elegant
- Optimized for Yamaha F300
- Reduce the noise – needs to be a silent boat
- Introduce Cross Q wide + digital switching

The project Cross 75 BR

Created by Yamarin design team, in collaboration with Cross dealers, from initial sketches and ideas to the final product.



The project Cross 75 BR

Unprecedented hours of testing - fine tuning driving characteristics, working on the details that make the difference.



Modern and stylish design



The Cross 75 BR combines the practicality of an aluminum hull with the elegance of a fiberglass deck in the traditional Cross style

Clear routes



Clear and safe routes, easy to enter and step into the open bow area.

Steps to the aft deck, where the integrated canvas garage makes the aft deck a big even surface.

The bow ladder can be added as a factory option.

Best in class open cockpit



High and long windshield with a stylish stainless-steel frame, provides excellent protection for driver and passengers.

New Cross Q wide



The Cross Q Wide, with two 10" screens, can be customized to your own preferences, e.g. chart on one and engine data on the other screen.

The Cross Q infotainment system includes Navionics charts and Digital switching.

Large open area with U-sofa



The large social sitting area has a big comfortable U-sofa.

A sunbed and a table can be added as accessories.

A social area in the bow



A comfortable social area in the bow, a sunbed can be included as an accessory for added comfort.

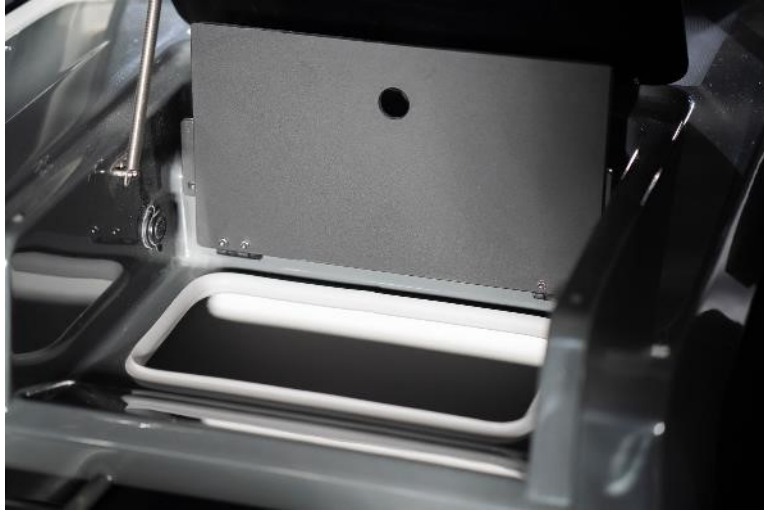
Large versatile bathing platforms



Easy and safe to move on the big bathing platforms.

A water-skiing arch can be added as a factory option - excellent for watersports and as a support when operating on the aft deck.

Storage



Storage space under the U-sofa, seat in the bow and in the consoles. Smaller items can be stored in the glovebox on the BB-side console. Anchor boxes in the bow and stern.

Fuel tank 300 L



A large fixed fuel tank of 300 L gives the boat a very wide operating range.

Fine tuned driving characteristics



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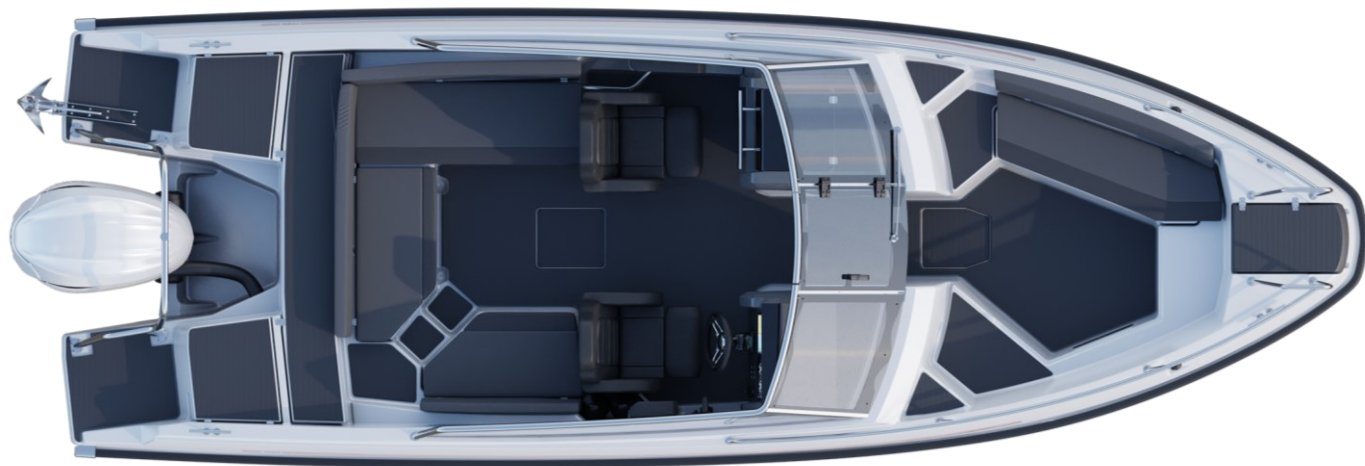


State-of-the-art, sporty driving characteristics!
Works logically and predictably even in harsh conditions.

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Technical data

Number of persons	Pers.	9
Max load on builder's plate (persons + load)	kg	825
Length overall, LoA	m	7,37
Length of the hull, L_H (CE)	m	7,23
Length from bow to transom	m	6,68
Length in waterline, L_{WL}	m	5,81
Beam	m	2,47
Beam in waterline	m	2,11
Height from the keel	m	1,87
Transom height	mm	640
Estimated draught, loaded	m	0,50
V bottom angle	deg	21
Weight without engine	kg	1300
Engine power range	hp	225-300
Max engine power	hp	300
Engine shaft, length		X
Fuel tank, volume	l	300
Build material, hull		aluminium
Materials thickness		
Bottom	mm	5
Side	mm	4
Reinforcements hull	mm	4
Design category		C
Max speed	kn	48



Test results

TEST RESULTS - YAMAHA F225FETX

Engine	Yamaha F225FETX
Propeller	15 1/4 X 19" SW II
Installation height	3rd hole
Persons	2 pax
Fuel in tank	150 ltr

RPM	kts	Trim (%)	l/nm	l/h
600	2,2	0	1,1	2,4
1000	4,0	0	1,2	4,8
1500	6,0	0	1,3	7,8
2000	7,1	0	1,7	12,1
2500	10,5	0	1,8	18,9
3000	21,2	20	1,2	25,4
3500	25,7	35	1,1	29,2
4000	30,0	50	1,4	43,1
4500	34,5	60	1,5	53,0
5000	37,9	70	1,7	65,8
5500	41,4	80	2,0	84,4
5600	43,2	80	2,0	88,0

TEST RESULTS - YAMAHA F250DETX

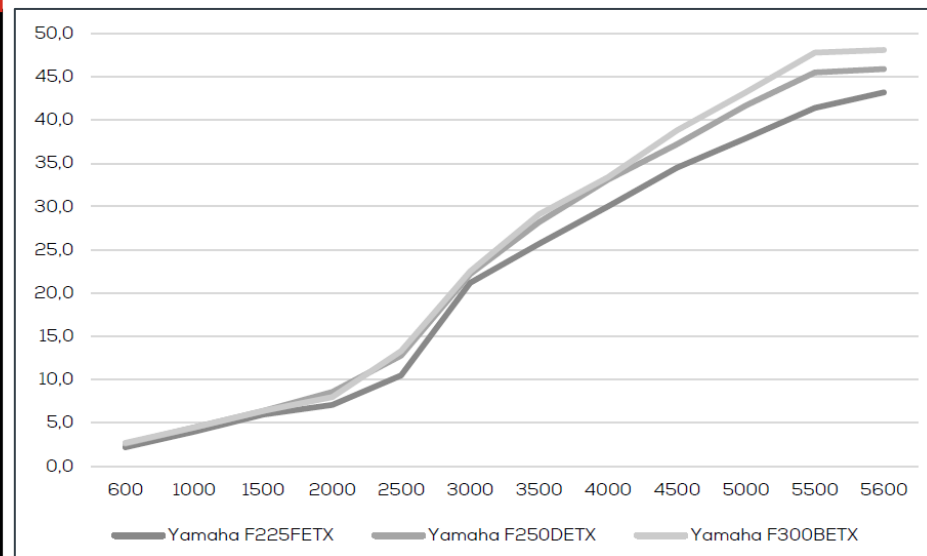
Engine	Yamaha F250DETX
Propeller	15 X 20" SW II
Installation height	3rd hole
Persons	2 pax
Fuel in tank	150 ltr

RPM	kts	Trim (%)	l/nm	l/h
600	2,6	0	0,9	2,3
1000	4,5	0	1,1	5,0
1500	6,4	0	1,3	8,3
2000	8,6	0	1,7	14,4
2500	12,8	0	1,2	18,9
3000	22,2	25	1,1	26,4
3500	28,2	40	1,2	34,8
4000	33,1	50	1,4	47,5
4500	37,2	60	1,5	57,0
5000	41,7	70	1,9	80,8
5500	45,5	80	2,0	93,0
5600	45,9	80	2,0	96,2

TEST RESULTS - YAMAHA F300BETX

Engine	Yamaha F300BETX
Propeller	15 X 21" SW II
Installation height	3rd hole
Persons	2 pax
Fuel in tank	275 ltr

RPM	kts	Trim (%)	l/nm	l/h
600	2,7	0	1,0	2,7
1000	4,5	0	1,2	5,4
1500	6,4	0	1,4	9,0
2000	8,0	0	1,8	14,5
2500	13,3	0	1,6	21,3
3000	22,5	20	1,2	27,0
3500	29,1	35	1,2	35,9
4000	33,4	45	1,3	44,5
4500	38,8	55	1,6	63,4
5000	43,2	65	1,8	79,2
5500	47,8	75	2,0	97,2
5600	48,1	80	2,1	102,7



Highlight's summary



1	2	3	4	5	6	7	8
Clear routes - safe and practical	Social area in the bow	The big stylish windshield with stainless steel frames	New Cross Q wide	Softdeck - Comfortable and good grip or Aluminum plates – stylish and carefree	Large open seating area with a comfortable U-sofa	Fuel tank 300 L	Large versatile swimming platforms

Thank you!



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