



## Aquastrada

## TMV 84

### Construction

Hull	Aluminium
Superstructure	Aluminium

### Dimensions

Length, overall, m	83.35
Beam, m	13.50
Draft (loaded), m	1.78

### Payload

Belvedere (upper) deck, (950 mm pitch)	106
Main deck, (900 mm pitch)	356
<b>Total Passengers</b>	<b>462</b>
Cars	58
or	
Cars	22
Bus lane meters	110

### Deadweight (only cars), tonnes

166

### Deadweight (with trucks), tonnes

349

### Interior Design

Flexible options to meet owner's needs from functional aircraft type to fully open seating plan

### Propulsion

Engines	4 x B&W MAN 18VP185 Diesels
Power	4 x 3700 kW
Waterjets	2 x LIPS steering waterjets plus 2 x LIPS booster waterjets
Gearboxes	4 x Reintjes VLJ 2230

### Performance

Speed, max (loaded), knots	39
Range, nm	300
Fuel consumption, Kg/h	3084
Speed, cruise, knots (only cars loaded, 90% MCR)	37
Range, nm	310
Fuel Consumption, Kg/h	2775
Speed, 3 engines, knots (only cars loaded, 90% MCR)	30.5
Range, nm	339
Fuel Consumption, Kg/h	2090

### Integrated Propulsion Control

Supplied by Rodríguez Marine Systems

### Ramps

1 x Stern ramp for vehicle loading  
2 x Stern ramps for passenger loading

### Ride Control System

2 x T-foils, fore and aft  
4 x antiroll fins with  
Aft transom mounted Intruders for Longitudinal trim control

Supplied by Rodríguez Marine Systems

### Vessel Monitoring

All ship's safety, fire and systems centrally monitored from bridge.

Supplied by Rodríguez Marine Systems

