



## mv MIDAS

Finnish flag, built by J.J. Sietas Schiffswerft GmbH, Germany 1990  
 Germanischer Lloyd +100 A5 E3 "Ro-Ro-ship" "Suitable for carriage of dangerous goods" MC E3 aut  
 Finnish/Swedish ice class 1A, Call sign OIZZ, IMO no. 9002659

### Principal dimensions

Lenght over all	108,35 m
Breadth moulded	17,00 m
Draft summer	5,97 m

### Tonnages

DWT summer on 5,97 m draft	4.491
GT London rules 1969	5.873
NT London rules 1969	1.762

### Tank capacities

Heavy fuel oil (IF-60)	360 m <sup>3</sup>
MDO	67 m <sup>3</sup>
Water ballast	1.837 m <sup>3</sup>

### Roro capacity

	Area	Lanemeter	Max load
Weather deck	1.040 m <sup>2</sup>	365 m	2,5 t/m <sup>2</sup>
Main deck	1.257 m <sup>2</sup>	429 m	4,0 t/m <sup>2</sup>
Lower hold	731 m <sup>2</sup>	238 m	8,0 t/m <sup>2</sup>
<b>Total</b>	<b>3.028 m<sup>2</sup></b>	<b>1.032 m</b>	

	Volume	Deck height
Main deck	7.897 m <sup>3</sup>	6,20 m
Lower hold	2.706 m <sup>3</sup>	4,09 m
<b>Total</b>	<b>10.603 m<sup>3</sup></b>	

### Container capacity

120 TEU or 60 FEU on deck  
 Stack load on deck 30/40 t per 20'/40' stack  
 24 reefer plugs on main deck and weather deck  
 Reefer plugs 4 pole, 380/440 V, 50/60 Hz, 32 A

### Cargo handling equipment

Stern ramp 12,50 x 9,25 m (L x B), total load 180 t  
 Trailer lift 18,6 x 3,4 m, lifting capacity 60 t,  
 serving lower hold/main deck/weather deck  
 Speed loaded/empty 9/18 m per minute

### Accommodation

Accommodation for 4 drivers in 2 cabins

### Machinery

Main engine Wärtsilä Vasa 9R32E, 3.645 kW  
 Shaft generator, 540 kW  
 Bow thruster, 450 kW  
 Anti-heeling system

### Speed and consumption per day

Service speed abt 14 knots on abt 14 t IF-60  
 Harbour consumption abt 0,8 t MGO without trailer lift

### Typical cargo cases

**Paper:** 1.500 mt paper in lower hold + 2.600 mt paper on main deck + 200 mt bunker

**Paper + containers:** 1.750 mt paper in lower hold + 2.100 mt paper on main deck + 250 mt containers on weather deck (abt 18 pcs x 14 mt) + 200 mt bunker

**Paper + trailers + containers:** 1.750 mt paper in lower hold + 650 mt trailers on main deck (26 pcs x 25 mt x 13,6 m) + 1.000 mt containers on weather deck (abt 70 pcs x 14 mt) + 200 mt bunker

**Please note** that above cases are given as examples only. Actual maximum cargo for a specific voyage is always subject to exact cargo specification, vessel's trim and stability, port restrictions etc.

## Godby Shipping Ab

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