

Genting Dream *very large cruise ship*

Gross tonnage: 150695

Net tonnage: 138107

Lightweight: 58965

Deadweight: 15370 ld; 13307 des

Displacement: 74335 ld; 72272 des

Designer: Meyer Werft; Jacky Tsai (hull art)

Classification: DNV-GL ✖ 1A1 BIS, BWM(T), HELDK, LCS(DC), ER (EGCS Hybrid)

Length: 335.35m / 1100.16ft oa; 317.60m / 1041.99ft wl; 302.67m / 993.01ft pp

Breadth: 44.47m / 145.90ft ext; 39.70m / 130.25ft mld

Air draught: 57.66m / 189.17ft to 53.00m / 173.88ft des

Draught: 8.60m / 28.22ft mld; 8.30m / 27.23ft des

Depth: 11.40m / 37.40ft mld

Decks: 20 plus 1 partial deck forward

Cabins: 1686 (inboard, outboard); 684 crew

Complement: 6925 (5000 pax dbl occ, 1925 crew); 6925 (5316 pax max occ, 1609 crew)

Machinery:

2 MAN 14V (22529hp / 16800kW ea.)

3 MAN 12V (19311hp / 14400kW ea.)

Total: 102991hp / 76800kW

Alternators: -

Propulsion devices:

2 ABB Type XO azipods (27491hp / 20500kW ea.)

2 fixed pitch propellers (5600mm dia.)

Total: 54982hp / 41000kW

Speed (service/max): 22.55 at 85%; 23.60 at 100%

Boilers: -

Bow thrusters: 3 Brunvoll (4023hp / 3000kW ea.)

Stern thrusters: -

Fuel (endurance/speed): 3262m³ HFO; 526m³ MGO

Lifesaving equipment:

12 lifeboats (314 ea. / 3768 total)

6 Hatecke PL14 tenders (258 ea. / 1548 total) - 220 ea. in tender service

2 rescue boats (6 ea. / 12 total)

2 MES main liferafts (153 ea. / 306 total)

3 MES additional liferafts (153 ea. / 459 total)

1 MES additional liferaft (75 ea. / 75 total) - 101 person maximum capacity

12 spare liferafts (153 ea. / 1836 total)

Grand total: 8004

44 lifebuoys (9 standard, 6 line, 15 light, 12 light and buoyant heaving line, 2 light and smoke)

10810 adult life jackets

6936 for passengers in passenger assembly stations

2342 for crew in crew and passenger assembly stations

1320 for tender operations (220 in each tender)

162 for crew in lifeboats and tenders (9 in each lifeboat and tender)

20 for crew on watch
 30 inflatable
 655 child life jackets
 523 in passenger assembly stations
 132 for tender operations (22 in each tender)
 125 infant life jackets in passenger assembly stations

Name Builder's name Shipyard location Builder's hull no.	Contract date Cost	Steel cutting Laid down	Launched / Floated out	Completed Sea trials Delivered Cost Christened Godmother Maiden voyage	Owner Manager Port of registry IMO no. MMSI no. USCG no. Call sign Refits
<i>Genting Dream</i> Meyer Werft GmbH Papenburg, Germany S.711	14 Jan 2014	29 Jul 2015 3 Dec 2015	19 Aug 2016	12 Oct 2016 12 Oct 2016 \$960,000,000 4 Nov 2016	Xiang CR18 HK Intl Ship Lease Co Ltd Compass Shipping 32 Corp Ltd Sea 172 Leas Co Ltd Cyber Wave Ltd StarDream Ship Management Sdn. Bhd. Nassau, The Bahamas 9733105 311000319 C6BO5

Genting Dream *very large cruise ship*

Gross tonnage: 150695

Net tonnage: 138107

Lightweight: 58965

Deadweight: 15370 ld; 13307 des

Displacement: 74335 ld; 72272 des

Designer: Meyer Werft; Jacky Tsai (hull art)

Classification: DNV-GL ✱ 1A1 BIS, BWM(T), HELDK, LCS(DC), ER (EGCS Hybrid)

Length: 335.35m / 1100.16ft oa; 317.60m / 1041.99ft wl; 302.67m / 993.01ft pp

Breadth: 44.47m / 145.90ft ext; 39.70m / 130.25ft mld

Air draught: 57.66m / 189.17ft to 53.00m / 173.88ft des

Draught: 8.60m / 28.22ft mld; 8.30m / 27.23ft des

Depth: 11.40m / 37.40ft mld

Decks: 21 inc. 1 partial deck at bow

Cabins: 1686 (inboard, outboard); 684 crew

Complement: 6925 (5000 pax dbl occ, 1925 crew); 6925 (5316 pax max occ, 1609 crew)

Machinery:

2 MAN 14V (22529hp / 16800kW ea.)

3 MAN 12V (19311hp / 14400kW ea.)

Total: 102991hp / 76800kW

Alternators: -

Propulsion devices:

2 ABB Type XO azipods (27491hp / 20500kW ea.)

2 fixed pitch propellers (5600mm dia.)

Total: 54982hp / 41000kW

Speed (service/max): 22.55 at 85%; 23.60 at 100%

Boilers: -

Bow thrusters: 3 Brunvoll (4023hp / 3000kW ea.)

Stern thrusters: -

Fuel (endurance/speed): 3262m³ HFO; 526m³ MGO

Lifesaving equipment:

12 lifeboats (314 ea. / 3768 total)

6 Hatecke PL14 tenders (258 ea. / 1548 total) - 220 ea. in tender service

2 rescue boats (6 ea. / 12 total)

2 MES main liferafts (153 ea. / 306 total)

3 MES additional liferafts (153 ea. / 459 total)

1 MES additional liferaft (75 ea. / 75 total) - 101 person maximum capacity

12 spare liferafts (153 ea. / 1836 total)

Grand total: 8004

44 lifebuoys (9 standard, 6 line, 15 light, 12 light and buoyant heaving line, 2 light and smoke)

10810 adult life jackets

6936 for passengers in passenger assembly stations

2342 for crew in crew and passenger assembly stations

1320 for tender operations (220 in each tender)

162 for crew in lifeboats and tenders (9 in each lifeboat and tender)

20 for crew on watch

30 inflatable

655 child life jackets

523 in passenger assembly stations

132 for tender operations (22 in each tender)

125 infant life jackets in passenger assembly stations

Name Builder's name Shipyard location Builder's hull no.	Contract date Cost	Steel cutting Laid down	Launched / Floated out	Completed Sea trials Delivered Cost Christened Godmother Maiden voyage	Owner Manager Port of registry IMO no. MMSI no. USCG no. Call sign Refits
<i>Genting Dream</i> Meyer Werft GmbH	14 Jan 2014	29 Jul 2015 3 Dec 2015	19 Aug 2016	12 Oct 2016	Dream Cruises

Papenburg, Germany S.711				12 Oct 2016 \$960,000,000	Nassau, The Bahamas 9733105 311000319
				4 Nov 2016	C6BO5

Project History:

When the decision was made to order two new ships, at the time intended for Star Cruises, Genting Group chairman Tan Sri Lim Kok Thay knew he wanted them to push the company to new heights. These innovative ships were to be built on the same platform as *Norwegian Breakaway*, albeit modified to suit Chinese tastes. In many typical shipyard-shipowner interactions, the yard owns the hull and machinery layouts and may use them for other contracts, while the cruise line owns the interior layouts. Generally speaking, though, this does not occur, as cruise lines want to be seen as trendsetters rather than copycats. This was a unique order, however, as at the time Norwegian Cruise Line was owned by Star Cruises, and both by Genting Hong Kong. Lim Kok Thay (Tan Sri being a title of honor, in kind with a knighthood) sat on the board of Norwegian, and thus he had both an understanding of the basic layout and the ability to modify it for his new ships.

As groundbreaking new ships in an emerging market, they received funding from government sources, including the state of Lower Saxony in Germany and the Federal Ministry for Economic Affairs and Energy, also of Germany. Genting Hong Kong, parent company of both Star Cruises, ordered these ships initially for that brand. The hulls were later transferred to a new startup, also owned by Genting and named Dream Cruises. The ships were the first built with submersibles, which can descend up to 200m below the surface with four passengers aboard, and a speedboat of the type common in marinas worldwide. They also have LED lights dotting their balconies, which allow the ships to have light shows at night. Both ships are fitted with state-of-the-art MRI machines, a first aboard cruise ships.

The contract for two new ships was signed in early 2014, and called for vessels with a capacity of 3305 passengers and 2031 crew, in 1682 and 733 cabins, respectively. These ships, at their design draught, have a block coefficient of 0.68, respectable given their size and a testament to their builder's skill and ingenuity. This figure is slightly increased for their maximum moulded summer draught of 8.60m / 28.22ft. They have a wind area of 12886 square meters from the beam, and 2023 square meters from ahead. In typical service, they can maintain a speed of 23.40 knots, and it is this speed which was estimated prior to their completion. The three bow thrusters were manufactured by Brunvoll. In the event of a medical emergency, the bow features a helipad of 15m diameter which can land helicopters of up to 4.9t.

Dream Cruises called upon Chinese pop artist Jacky Tsai to curate the hull art for their two new flagships. For *Genting Dream*, Tsai used the brand's mermaid mascot and paired her with an astronaut, using abstract colors and patterns to tell the story of their love. This star-crossed duo subsequently served as the inspiration for a new show which was shown in her theater during her first season.

General Arrangement Plan

As built, 2016

Shippax Designs 2017(?)

Original scale 1:2000

SEE NEXT PAGE





