

GALACTICOASTER

FACT SHEET

RIDE OVERVIEW

- **Opening Date:** LEGOLAND® Florida Resort – February 27, 2026
- LEGOLAND® California Resort – March 6, 2026
- **Track Length:** 449 meters (1,473 feet) - built from more than 100 custom track segments
- **Speed:** 40 mph (64 km/h / 15m/s)
- **Ride Duration:** Experience begins the moment you enter the briefing room until you exit the ride – a little less than 10 minutes overall
- **Building Size:** More than 50 ft high and over 30,000 sq. ft (approximately the size of 10 basketball courts)

DESIGN & ENGINEERING

- **Manufacturer:** ART Engineering (Germany)
- **Designer:** Merlin Magic Making (MMM) in collaboration with ART Engineering, LEGO® Brand Parks & Experience, and Imaginize
- **Creative Partners:** 2Heads (experience & AV design), Imaginize (visualization and graphics), LEGO Creative Teams
- Over **three years in development** from concept to construction, beginning in 2022

BLAST OFF!

KEY FEATURES

- **Immersive Queue Experience:** The journey begins as soon as guests step into the queue, featuring interactive pre-shows that build anticipation before boarding
- **Ride Vehicles:** Six trains, each with two cars and four seats per car (total 48 riders)
- **Design:** Themed to a 25x upscaled LEGO element aesthetic, matching the digital customization guests experience before boarding
- **ADA Access:** Two ride vehicles featuring a removable side panel for easy lateral transfer. Guests using wheelchairs may use the standard queue entrance and must transfer to and from the ride vehicle unaided at loading and unloading.
- **Height Requirement:** 36" with companion or 48" unaccompanied
 - Riders under 36" must be accompanied by a supervising companion 48" & at least 14 years old.
 - Riders taller than 78" (6'6") are not permitted to ride.

CUSTOMIZATION EXPERIENCE

- **Customization Bays:** 20 kiosks (10 per bay)
- **Possible Combinations:** More than 625 unique spacecraft builds
- **Customization Time:** 3 ½ minutes (4 phases: Nose, Tail, Wings, Special Features)
- **Technology:** Guests receive an RFID wristband ("key") that logs their spacecraft's design, which appears digitally during the ride experience meaning they will be "riding" in the vehicle they designed!

THE LEGO® CONNECTION

- LEGO Galaxy is an evergreen space theme, celebrating LEGO Space across past, present, and future
- Guests will spot tributes to iconic LEGO sets, including:
 - **Set 885 Space Scooter** – first-ever LEGO Space set (1979)
 - **Set 886 Space Buggy** – classic Spaceport inspiration
 - **Classic Spacemen** – 70s-80s color palettes reimaged in neo-classic style
 - **City Space 2024+, Alien Conquest, M-Tron, Friends, DUPLO, and Space Police Year 3**
- Easter eggs and digital surprises let guests see themselves as part of their customized craft during the ride



TECH & INNOVATION

- **RFID Integration:** Guests “collect” their digital spacecraft via wristband; their design is recognized and displayed in multiple points throughout the ride
- **Robotic Minifigure:** Biff Dipper is the Chief Engineer who greets cadets in the Briefing Room and gives cadets their mission for the ride
 - Biff stands 3 ½ feet tall and is a 25x scale robotic minifigure, bringing the minifigure character to life with up to 9 movements in its body and an LED screen displaying 45 different face animations
 - Includes 29 welcome message variations and 15 goodbye message variations
 - **Fun Fact:** You could pack 10,000 normal-sized minifigures inside Biff!
- **Immersive Media:** 2Heads and MMM collaborated to merge practical coaster thrills with cinematic storytelling, sound, and projection mapping
- **Ride System:** Dual-level launch with multiple airlocks, gear-box motor rotation, on-board speakers, and synchronized lighting

RIDE FACTS

- **Height:** Over 50 ft
- **Columns:** 196
- **Anchor Bolts:** More than 2,000
- **Ride Duration:** The experience begins the moment guests enter the ride queue until they exit the ride and enter the Orbital Outpost. When the guest enters the ride queue, they will be greeted with storytelling, a LEGOLAND first pre-show with an animatronic minifigure as well as the customization opportunities. Combining the pre-show experiences with the actual ride, it's at least 10 minutes of iconic LEGO moments!
- **Top Speed:** 40 mph
- **Ride Structure Area:** 30,000+ sq. Ft.
- **Construction Period:** 3+ years
- **Primary Build Partners:** ART Engineering, Merlin Magic Making, AVSC, LEGO Brand Parks & Experience

LIFT OFF!

FUN FACTS

- As guests go through the ride queue, they will discover LEGO models and posters that showcase iconic classic LEGO Space sets throughout the years.
- Spaceport 886, the name of the building where guests ride Galacticoaster, comes from the code name 886 which is the second LEGO Space set to ever launch.
- The space buggy from LEGO set 886 can be found within LEGO Galaxy
- Galacticoaster is the first coaster to open at LEGOLAND California in 20 years
- All theming throughout LEGO Galaxy is designed at a 25x LEGO scale

CREATIVE TEAM

- MMM Project Leadership:
 - Creative Team led by Creative Director Rosie Brailsford
 - Project Director Tom Storer led Project Management Team Flora Liu and Jordan Slone at LEGOLAND California and Blake Boyter and Kimberly Hall at LEGOLAND Florida
- Hundreds of additional builders, engineers, and artists contributed across both parks.

