To design safe and exciting rides, engineers must balance rotational forces with stability to ensure passenger comfort. While forces like centripetal force provide the "thrill," they must be controlled to prevent injury or mechanical stress. Maintaining static and dynamic balance is also essential to keep the ride smooth and prevent dangerous vibrations or tipping. Ultimately, these elements work together to ensure the ride is fun, stable, and structurally secure.

lakhasly.com © تم تلخيص النص بواسطة موقع لخصلي