

# 電單車座位高度的全新量度標準 有助促進職安健

## New Standard to Measure Motorcycle Seat Height with OSH Consideration

**我**們重新訂定和劃一電單車座位高度的量度方法，以設定電單車座位的「有效高度」，此舉有助促進使用者的職業安全及健康。這個全新的電單車座位高度標準和量度方法，獲得客戶部門、使用者和業界一致好評。

一般量度電單車座位高度的方法，是量度座位與地面之間的垂直距離，但

如採用該方法，便難以為不同體型的使用者採購座位高度適中的電單車，因為電單車的闊度會影響駕駛者在平衡電單車時雙腳與路面之間的距離。

我們的新建議是量度駕駛者騎在電單車上及雙腳同時觸及地面時形成的「弧形

長度」。由於這個長度已計及電單車的闊度，因此可視為電單車座位的「有效高度」。

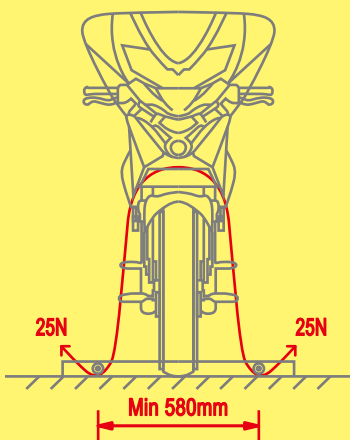
經多次在不同型號的電單車進行測試、數據分析和核證後，我們最近已把重新訂定的「有效高度」及其量度方法納入兩份電單車的大型採購標書內。這個「有效高度」已獲得客戶部門及使用者的接納和認同，相信未來會成為業界採用的新標準。

我們量度「弧形長度」，為使用者釐定電單車座位的「有效高度」。

We measure the "arch length" and determine the "effective height" of a motorcycle seat for our user.



**O**ur initiative to establish an "effective height" of a motorcycle seat by re-defining and standardising the measuring method will help enhance the occupational safety and health (OSH) of users. The new motorcycle seat height standard and measuring method have been well received by client departments, users and the trade.



量度方法是採用簡單的地心吸力原理。我們將帶有預張力的鋼線放在電單車座位上，便可輕易量度電單車駕駛者雙腳同時觸及地面時形成的「弧形長度」。

The measuring method utilises the simple principle of gravity. By placing a pre-tensioned steel wire over the motorcycle's seat, we can easily measure the "arch length" formed between the rider's left and right foot at the point of contact with the ground.



同事為客戶職安健着想，發揮團隊精神，為客戶持續提供改善方案，喜獲客戶讚賞和認同。

Concerned about the OSH of users, our colleagues work together to make continuous improvements for our client department, and receive appreciation and recognition.

The general method to measure motorcycle seat height is to measure the vertical distance between the seat and the ground surface, but this method makes it difficult to procure suitable motorcycles for users of different physical builds. This is because the width of the vehicle would affect the distance between the rider's feet and the road surface as he balances the vehicle.

Our new initiative is to measure the "arch length" formed between the rider's left and right foot at the point of contact with the ground when he is straddling on the motorcycle seat. The length is referred to

as an "effective height" of a motorcycle seat because the width of the vehicle has been taken into consideration.

After numerous tests on different motorcycle models, data analysis and verification, we have specified the re-defined "effective height" and its measuring method in two major motorcycle procurement tenders recently. The "effective height" has been accepted and recognised by client departments and users. It is believed that it will become a new standard to be adopted by the trade in future.