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Why plate brake testers?

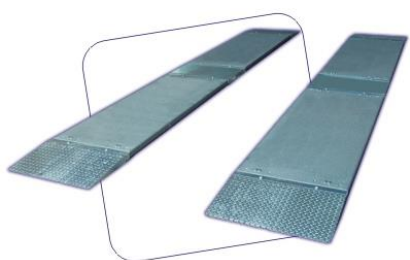


Plate brake testers have long been in the marketplace as a valid alternative to roller brake testers and, even if roller brake testers are more popular in terms of number of installations, plate brake testers proved to be as precise, accurate and repeatable as their counterpart, to the point that many Governmental Authorities around the world have standardised and approved plate brake testers as suitable for statutory technical inspections.

But plate brake testers have a unique advantage compared to roller equivalents that consist basically in the fact that the test method is a true simulation of the braking behaviour of the vehicle. As a matter of fact, the braking test performed on the plates is done with the vehicle actually driving and braking as if on the road, instead of standing on a roller bench where no influence of other parts (e.g. suspensions) can be taken into account. With plate brake testing the vehicle is moving as it does on the road and the weight measured on the axles is the actual dynamic weight while braking.

Moreover, plate brake testers do not dissipate energy as roller benches do being equipped with electric motors which require several kW (typically 8-10 kW for passenger cars and 24 kW or more for trucks). Plate brake testers mean very low power consumption, low power installation, less money to run the business!

Assemblad, which has developed its line of plate brake testers for many years, is offering a complete line of plate brake testers for motorcycles, cars and heavy-duty vehicles, featuring epoxy corundum-coated surface for optimal adherence of the tyres to simulate the actual behaviour on the road.



*Go green, go plates,
go Assemblad!*

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