

Mechanical Obstacle MH

7H · 2

#patentedtechnology #pureadrenaline #efficientreactiontraining





Course participants learn to react correctly to **unexpected events** during the innovative driver training.

The barrier swinging out of the track confronts the driver with a sudden traffic obstruction during the training.

Only attentive motorists can **guide around the obstacle** or do an **emergency break** on time. For instance, participants can experience how dangerous it is to be distracted by mobile phones.

Thanks to a **safety mechanism**, the barrier swings back into the lane just before the collision. Nevertheless, the drivers experience a **real dangerous situation**.

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#reliabletechnology #simplyretrofit
#innovativedrivertraining



Mechanical Obstacle on the training track



Easy handling via touch



Sectional view of the obstacle in the foundation



Module obstacle

Energy and performance

Safe driver trainings

By crossing induction loops the obstacle's flanks swing out of the track computer controlled and sway back before a possible collision automatically. The distance from the obstacle to the vehicle is always the same independently to the speed.

Mechanical Obstacles are an uncomplicated and economical possibility to equip new or existing test tracks. Several obstacles side by side or one behind the other allow trainings at different levels of difficulty.

Key Facts

- braking and lane-changing trainings for motorcycles, cars or trucks
- simulation of realistic dangerous situations, virtual crash sound via radio possible
- easy handling for trainers via control panel or tablet
- easy retrofit on any track, little space required
- maintainance-friendly module
- reliable operation in winter
- unbeatable energy efficiency: up to 98 percent energy savings in comparison to water hazards

Technical Details

General technical data

admissible approximation speed	up to 130 km/h
swing-out and lowering time	0,3 s
drive unit swing-out movement	pneumatic
possible number of swing-out movements	360/h or 6/min

Dimensions and weight

simulated obstacle heigth	.0,9 m
simulated obstacle width	.2 m
weight of flag	.0,45 kg
weight of module obstacle	.75 kg
weight of steel foundation trough	.305 kg
dimensions of steel foundation trough (I*w*d)	.3,74 x 0,35 x 0,36 m

Energy and performance	
electric connection for compressor and control	.230 VAC /50 - 60 Hz
necessary series fuse incl. fault-current circuit breaker (30 mA)	.16 A
pneumatic pressure	.6 bar
energy requirement (without heating) for 1000 swing-out movements	.0,25 kWh

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Subject to technical changes and typographical errors. Art. MH20210713EN