



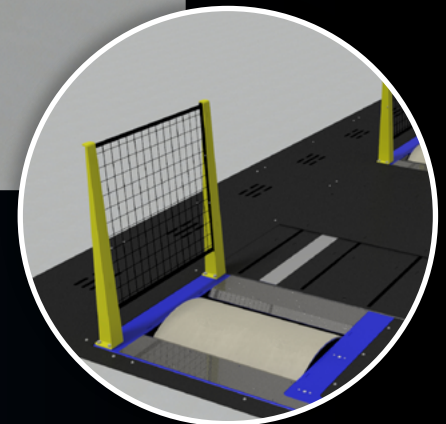
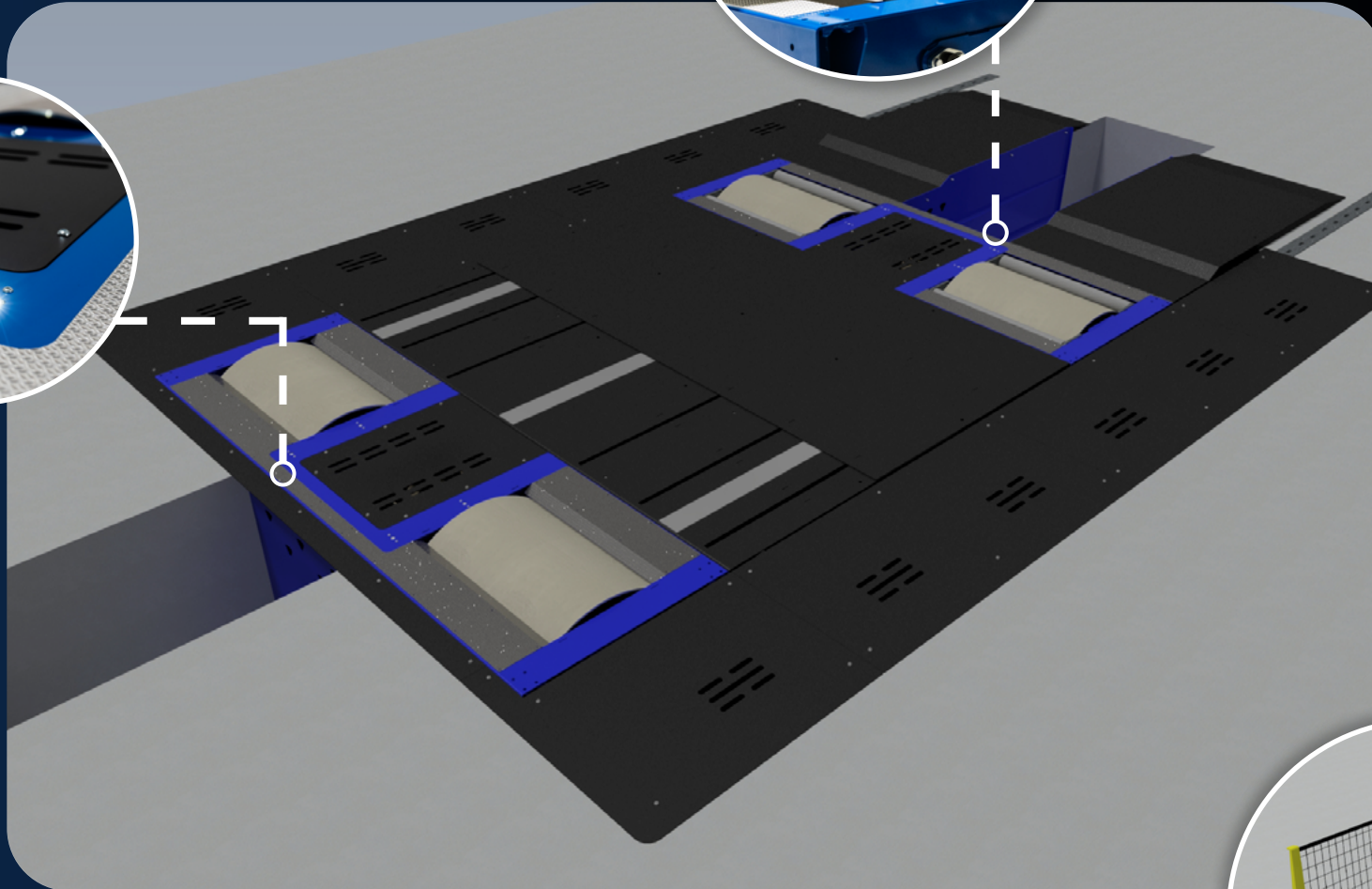
Model Z4



Automatic vehicle alignment system
Smart system that guides the vehicle into optimal position during setup.



Deck lighting
Illuminate the undercarriage with 8 powerful mini LED spots for safe and efficient tie-down.



Safety fences
A set of four safety fences can optionally be installed to shield the operator and bystanders from the rollers and wheels.

What you get

Technical specifications

Max. dynamic power	1840 [kW] / 2500[hp]
Max. static power cold*	1250 [kW] / 1700 [hp]
Max. static power continuous*	515 [kW] / 700 [hp]
Total inertia*	122,5 [kgm ²]
Equivalent vehicle mass*	765 [kg]
Max. speed	400 [km/h]
Drum diameter	0,75 [m]
Number of drums	4
Drum width	0,75 [m]
Min. track	0,9 [m]
Max. track	2,4 [m]
Min. wheelbase (CTC)	2,25 [m]
Max. wheelbase (CTC)	3,5 [m]
Max. axle load (total)	3500 [kg]
Dimensions	4,9 x 4,0 x 0,87 [m]
Power requirements	3 x 400 V + N + PE
Max. consumed current	22 [A]
Air requirements min.	6 [bar dried]
Weight*	5000 [kg]

* Based on dual F16-GR retarders

What's included

Included

Strongest 4x4 dynamometer available on the market
Tungsten carbide anti-slip coating
Gates PolyChain synchronous carbon belts
Backlash free driveline, almost zero play between front and rear axle
Emergency brake system
Remote control
Status beacon
Weather station
5 x 50 mm ratchet straps
5 x vehicle tie-down loops
5 x floor anchor
Data acquisition system
Advanced Dyno Station software

Brands we use



FRENETSAI



SKF

Retarder options

The Z4 can be fitted with several retarder options as listed below, each retarder is possible in a single or dual setup.

Without retarder
no static capability only dynamic testing.

F16-160

Peak brake torque: 1900 [Nm]

Max. static power cold**: 320 [kW]/435 [hp]

Max. static power continuous**: 155 [kW] / 211 [hp]

F16-250

Peak brake torque: 2500 [Nm]

Max. static power cold**: 385 [kW] / 523 [hp]

Max. static power continuous**: 183 [kW] / 249 [hp]

F16-GR

Peak brake torque: 3800 [Nm]

Max. static power cold**: 586 [kW] / 797 [hp]

Max. static power continuous**: 238 [kW] / 324 [hp]

** specification per retarder, duo retarder optional

What you can add

Options

Automatic vehicle alignment system

Smart system that guides the vehicle into optimal position during setup.

Automatic wheelbase adjustment via software

Vehicle wheelbase can be selected in the software, the Z4 will automatically adjust to the correct position

Lighting in deck

Set of 8 mini LED spots for optimal visibility under the vehicle during tie-down.

Safety fences

Set of 4 safety fences to shield operator and/or bystanders from rollers and wheels

Vehicle tie-down pit

Extension of the pit in the center of the vehicle, front and rear, for easy access during vehicle tie-down.

Vehicle tie-down rails

Set of 3 rails in the front and back of the dyno, flush mounted in the floor, for optimal vehicle tie-down possibilities.

