

BMW's motorcycle of tomorrow

BMW has reinvented the motorbike with a futuristic concept from Motorrad – BMW's two-wheeled transport arm. The zero-emissions bike has self-balancing wheels to stand upright even at a complete stop

BMW Motorrad Vision Next 100

Smart visor: Shows data in three display areas. Look straight ahead to concentrate on road, up for rear view mirror, down to check maps. System can deliver optimum speed and banking angle for approaching corner

Flexframe: Frame and wheels are single unit

Entire frame alters shape to change direction on turn of handlebars. Flexframe controls resistance during high- and low-speed manoeuvres

Powertrain:
Fully electric

Self-balancing wheels:
Gyroscopic sensors – like those in Segway – keep bike stable and upright

Variable tread tyres: Adjust to road conditions and provide damping

Suit: Senses temperature and cools or warms rider. Vibrations in leg and arm sections correspond to sat-nav directions. At high speed, neck section inflates to provide support for head

