



Compressed air powered motorcycles?

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Motorcycles powered by a compressed air engine could cut vehicular emissions in developing countries by more than half, according to Indian researchers. The engine, which uses a compressed air tank to power a turbine, could be available to consumers within a year, said Bharat Raj Singh, a researcher at the SMS Institute of Technology in Lucknow, India and one of the developers of the engine.

The major challenge, Singh said, is to develop a compressed air tank that can stand up to long journeys. The current prototype can hold air pressurized to 20 bars, or about 20 times normal air pressure. The researchers are now working to develop a high-pressure tank that can sustain up to 300 bars of pressure. That would boost the running time of the motorbike from 30 minutes to six hours enough to go 155 miles (250 kilometers) without swapping tanks.

Full Story: <http://www.technewsdaily.com/motorbikes-could-run-efficiently-on-air-0787/>

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