NEW HOLLAND NH²™ HYDROGEN POWERED TRACTOR
EASY / SAFE / CLEAN

The basis
A current T6000 tractor.

What is inside
- A Hydrogen tank
- Fuel Cells System perfectly integrated into production tractor, with standard components
- Electric motor n° 1 - Power to traction
- Electric motor n° 2 - Power to PTO and auxiliaries

What is not
- No diesel tank
- No combustion engine
- No exhaust pipe
- No gear box

How it works
- Fuel Cells System transforms Hydrogen into electricity that runs the two motors.
- The tractor has zero emissions.
- Only a little amount of water, in the form of steam, is produced by the Fuel Cells System.

Product specification
- Power: 75 kW (106 hp)
- Transmission: CVT through electrical motor
- PTO : CVT through electrical motor

Product Benefits
- No Noise - Greater operator’s comfort
- No Emissions
- No gears, no power losses
- Power delivered only as needed

Improvement Opportunities
- Fewer design and architecture constraints - A new tractor design
- Less weight and components - Greater reliability due to fewer moving parts
- Replace hydraulic system and mechanical drives with electrical ones: electrical driven implements (planters, fertilizer spreaders, etc)

Why H² can work for tractors

The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications.

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HOW DOES IT WORK

THE ENERGY INDEPENDENT FARM.
THE FUTURE WITHIN REACH.

The current situation.
Fuel and energy represent a large amount of the farmers' input costs. Farmers are scattered and dispersed around the country. Therefore, the costs of bringing fuel and energy are also very high.

What do the farmers need?
Farmers need to minimize their risks and keep their operating costs low. They need stability and independence to better control their business operations.

What do the farmers have?
Farmers normally have a large amount of available space. And a large amount of resources that can be used to produce energy.

The New Holland solution.
The Energy Independent Farm is a new approach, where farmers will be able to perform all agricultural operations in their farms, based on the hydrogen they produce. The Energy Independent Farm.

And all of this will be done using Hydrogen, 100% generated from renewable resources, which farmers have plenty of.

THE NEXT STEP/ A SECOND GENERATION NH2™ TRACTOR AND AN EXPERIMENTAL FARM / COMING SOON