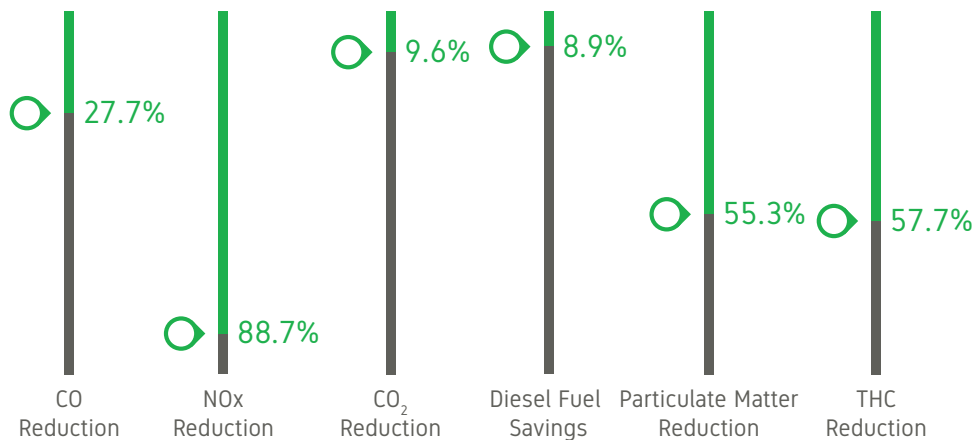


## CV CHASSIS DYNAMOMETER TEST

In tests conducted on a CV Chassis Dynamometer by EMITEC/Continental by EMITEC/Continental as a basis for an assessment by TÜV/Nord in 2019, the HydraGEN™ was installed on a 2018 MAN TGX 18.460 produced the following results:



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# MINING INDUSTRY

# HydraGEN™

## INDUSTRY STATISTICS

- < 213.7 million metric tons of CO2 emissions worldwide in 2016 from mining
- ~440bn\$ spent in 2017 in mining operating expenses
  - ~40bn\$ on fuel alone
- Over 50% of energy expenses comes from fuel

## HOW HydraGEN™ TECHNOLOGY BENEFITS THE INDUSTRY

- Reduce carbon footprint by reducing CO2 emissions by up to 530,019 caterpillar 797F dump truck payloads per year (10%, based off worldwide CO2 production)
- Can save approx. 2,618 hours of caterpillar 797F operational time in fuel (based off 114l/hr, 1 million litres)

### HGI45R



Suitable for 10-15L displacement diesel engines such as:



Small Mining Equipment



Small Power Generators

### HGI45-4C



Suitable for 40-60L displacement diesel engines such as:



Heavy Mining Equipment



Large Power Generators

### HGI45-6C



Suitable for 60-100L displacement diesel engines such as:



Heavy Mining Equipment



Large Power Generators



**GERMAN  
INNO  
VATION  
AWARD '19  
WINNER**



For further information please contact your local dealer:  
<https://dynacert.com/page/dealers>