



# YOUR OPERATION OPTIMISED WITH RELIABLE INDUSTRIAL ENGINES

Reliable. Customisable. Cost effective.  
Cat® industrial engines are made to be  
durable and efficient while delivering on  
the toughest jobs.

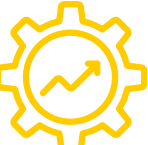
# THE IDEAL GENSETS FOR HIGH-PERFORMING OPERATIONS

A new industrial diesel engine must demonstrate value as a long-term investment and contribute to your success. Factors to consider include:

Lower ownership / maintenance costs



Longer lifespan



Engine reliability



**Higher operational efficiency and shorter project turnaround time**

Optimal power output



Fuel efficiency



Customisability and options





# CAT'S COMPREHENSIVE RANGE: THE POWER TO CHOOSE

High performance, customisable industrial-grade engines:



## For your operation

- **Every power range**  
Options from 11 HP to 2,100 HP
- **Every time span**  
Optimised for various intervals of operation
- **Every configuration**  
Engine mounting for various parts, including radiators, compressors and clutches
- **Every certification**  
Pre-certified for the toughest emissions standards, saving you time and money on compliance and providing optimal performance. EPA Tier IV certification.



## For the industry

### Specialised for every application:

- Irrigation with driving compressors and water pumps
- Petroleum
- Mining
- Locomotive and moving equipment
- Firefighting pumps
- Construction with stationary and moving cranes



## For the owner

### Owner friendly

- Affordable, with flexible financing
- Lowest lifecycle cost with long lifespans
- Easy maintenance and repair

### Time sensitivity

Wide service network, fast delivery & installation

### Warranty

- Standard 12-month warranty from start date to 18 months from date of shipping.
- Supportive and extendable terms bring you peace of mind.



# CAT: ENGINEERED FOR THE HIGHEST STANDARD OF ANY APPLICATION

## Highest efficiency:

Engineered & reengineered for peak performance, fuel savings

## Rigorous testing:

Performance-tested in the toughest conditions: Tilted beds for uneven terrain, extreme heat and cold, endurance for operation over long hours

## Technology:

Advanced features for operational ease with non-regulated or highly regulated engines: ACERT™, Cat Connect, Tier 4 Final



### ACERT™ technology:

Combines cutting-edge electronics, air system management and fuel injection for improved engine response, fuel efficiency and lower emissions.

An advanced air flow system adds cool air into the chamber, while the fuel system allows for multiple injections each combustion cycle.



### Tier 4 Final Technology:

Combines Nox reduction, filtration and release of particulate matter before system entry, and a secondary active regeneration system to clear out particulates.

In case of attempts to turn off an overheated engine, Tier 4 Final ensures that the engine remains running to preserve components.

# MANTRAC BRINGS YOU WHAT YOU NEED, WHEN YOU NEED IT

We understand that your operations are time and cost-sensitive. Implementing an efficient solution that minimises down time is important to your business and to us.



## Financing options

- Short- and long-term rentals
- Rent-to-own plans, with 80% of paid rent discounted if you purchase after renting
- All our rental equipment comes with a guarantee of quality, reliability and easily accessible service



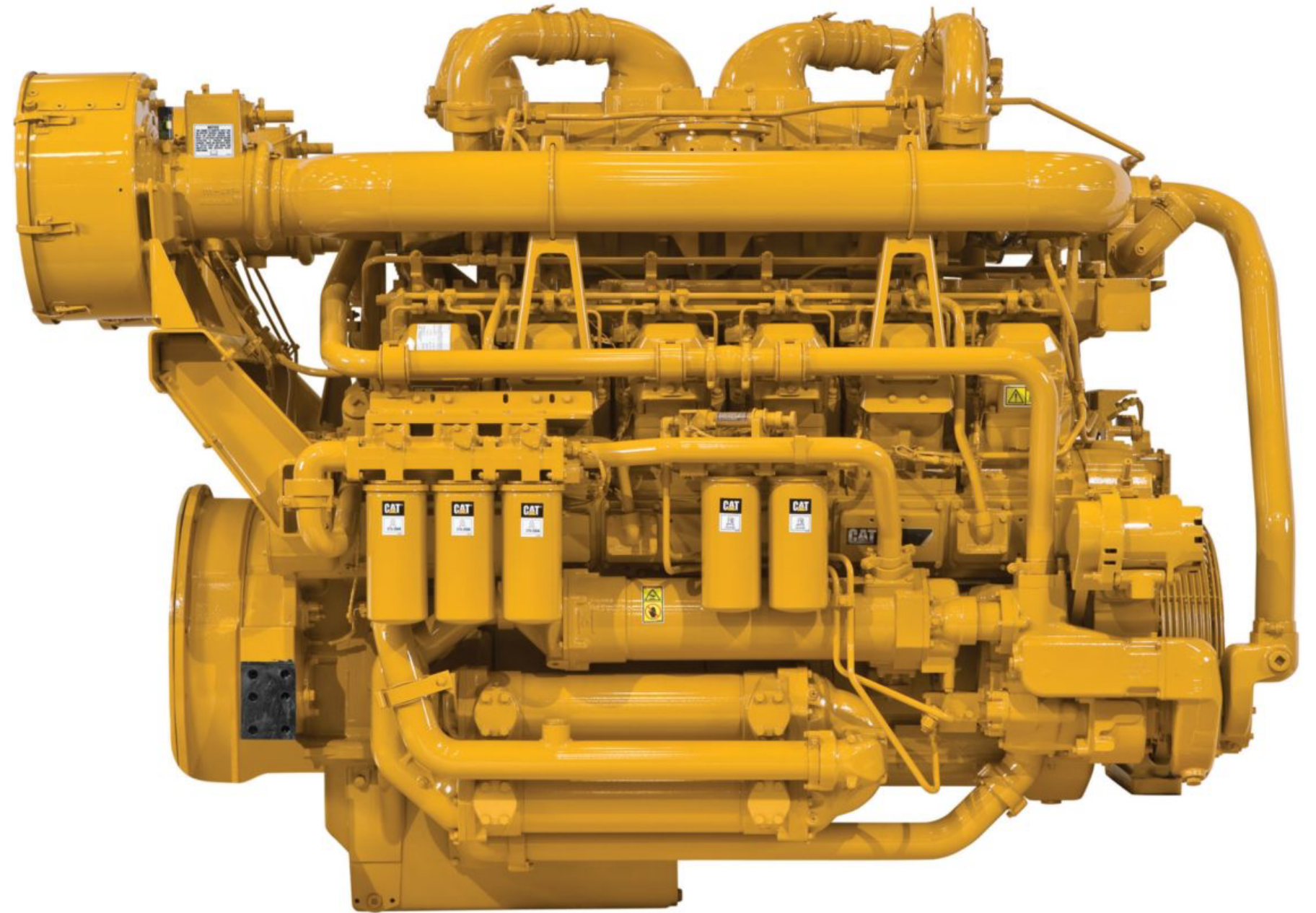
## Support services

- Engineering services for an end-to-end solution
- Up to 85% parts availability
- CVAs and Service Contracts for periodic maintenance
- Numerous branches: delivery in 4 to 6 months
- Tailored in-house manufactured solutions with specialised production and packaging
- State of the art testing facilities with wide range of applications



A MANTRAC CASE STUDY

# BOOSTING OPERATIONAL FLOW IN THE PETROLEUM INDUSTRY



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When Tazama Pipelines Ltd needed to upgrade their Tanzania-Zambia pipeline, Mantrac provided a tailor-made solution to drive operational success.

## Challenges



Provide a waste water sludge treatment solution at one of Alexandria's largest water treatment plants



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# BOOSTING OPERATIONAL FLOW IN THE PIPELINE INDUSTRY

## Solution

Mantrac sourced and assembled components:

- 16 Cat 3508 engines and spare parts from the USA
- 16 Voith gearboxes and flexible coupling from Germany
- 16 Monskid and control panels from Egypt
- Four fuel separators from Poland
- 16 remote radiators from UK
- A new shed, partially assembled in Antwerp



## Impact

Mantrac's solution drove profit and operational efficiency for the company with key improvements:

**Up to 50%**

shorter time for oil transport

**Up to 30%**

energy savings with crude-oil as a fuel source

**Up to 60%**

higher efficiency with the Cat gensets



RELATED ASSETS

# EXPLORE OUR INDUSTRIAL DIESEL GENSET RANGE

## COMMERCIAL MATERIAL

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Get an overview of the entire genset range by viewing our brochures and videos.

## PROJECT REFERENCES

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See how Mantrac has successfully delivered industrial diesel power solutions for customers across industries.

## TECHNICAL DOCUMENTS

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Understand the types of gensets that are ideal for your specific operational needs.

## PRODUCT SPECIFICATIONS

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Get all the details on prospective industrial diesel genset solutions for your operations.