CGT is a leading company for complete technology and service solutions in each of the areas in which it operates, with the capability of following its Customers anywhere in the world with a solid daily commitment to improve and innovate. Our professionals are constantly updating and working with the primary objective to satisfy your every need within the energy sector, with the best solutions, more reliability and lower operating costs. A team that works every day to earn your trust and exceed your expectations.

- Lino Tedeschi, Chairman & CEO of CGT
CGT OVERVIEW

CGT is the no 1 company of the Group in terms of history and size. Part of the Tesa Group and a Caterpillar dealer since 1934, present throughout the Italian territory with 31 direct subsidiaries, offering integrated sales, rental and servicing solutions in both the energy and earth moving fields.

80 years of experience.
1,066 people.
31 branches in Italy.
380 technicians 7 days/7.
440 van workshops.
30,000 yearly training hours.
75,000 genuine spare parts.

POWER SYSTEMS DIVISION

CGT Power Systems is the Strategic sector of CGT, leader in providing integrated and bespoke solutions in all areas of expertise, in which it operates.

CGT employs a highly specialized team which operates throughout Italy with a network of 31 direct branches, ensuring timely intervention for any emergency in the segments in which the Power Systems Division works, both in Italy and abroad. The strength of the CGT Power Systems offer is the result of a unique mix: our people, highly qualified thanks to higher investment in the training and learning activities; our wide range of services, consolidated year by year which enables us to deal with mature markets and new opportunities; the strength of our long and solid partnership with Caterpillar; our financial robustness, which allows us to continually innovate and pursue our vision even in times of crisis; the culture of our company built on integrity, teamwork, expertise and focus on long term results.

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TEST BENCHES.
At the Engine Center in Vercelli and Carugate, the gensets and engines are tested with systems that efficiently measure the operational parameters. Special tests can be performed upon specific request by the customer or by Marine Classification Agency.

PARTS REPAIR CENTER.
A specialized workhouse working 7 days out of 7, with 22 technicians dedicated to the repair and overhaul of more than 2,000 components per year for every brand and model.

TRAINING CENTER.
Internal and external training activities, offering 50 courses for customers and more than 30,000 hours of training per year to more than 400 operators, can count on the expertise, professionalism and continuous updating of our technicians.

ITALIAN LOGISTIC CENTER.
Italian logistic center in Carugate, consists of 30 warehouse workers, 75,000 original Cat® parts and not Cat® in stock, 94% of the parts ready to be shipped everywhere in 24 hours.
CGT OIL & GAS

Energy is needed to explore, extract and transport oil and gas that are often found in remote and inaccessible locations.

CGT is your single-source supplier, offering you bespoke solutions for all upstream and downstream applications, whether it is for pumping, compression or any other form of auxiliary, main or emergency power.

Matching the high quality of the Cat® engines, in a power range from 100 kW to 15,000 kW, with its engineered solutions, CGT has the tools and expertise to support you through the entire cycle, from the pre-contractual analysis phase to the commissioning and plant start up.

Our service and parts organization will keep you then running for years.

The most important Oil&Gas Companies have chosen the energy that CGT supplies.

CGT KEY FACTS

1. Long term Customer partnership with field references built over the years.
2. Engineering capability provided by an experienced sales and project management team to deliver integrated solutions that meet customer requirements.
5. Our team of service engineers deliver worldwide service and Customer Support Agreements 24/365 for Cat® and Cat® Power Solutions.
6. CGT OIL & GAS

CGT SOLUTIONS FOR OIL & GAS

DRILLING

Offshore

Onshore

WELL SERVICE

Offshore

Onshore

PRODUCTION

Gas Compression

Crude Transmission

TRANSMISSION

Offshore

Onshore

PRODUCT SUPPORT
For any oil and gas application, CGT helps you meet challenges from the toughest environments and most complex design issues with a custom-made packaged solution. With proven components and CGT engineering expertise running through your entire operation, you maximise your productivity.

**Consultation and support at the pre-contractual project phase.**

**Material procurement.**

**Assembly at CGT workshops with customer supervision.**

**Packaging and shipment of materials.**

**Installation, Commissioning and Plant start-up.**

**Final inspection of scope of supply, according to contractual requirements and quality standards.**

**Quality control by our specialized team at sub-suppliers facilities to check material compliance according to purchase order.**

**Consultation and support at the pre-contractual project phase.**

**Packaging and shipment of materials.**

**Installation, Commissioning and Plant start-up.**

**Final inspection of scope of supply, according to contractual requirements and quality standards.**

**Quality control by our specialized team at sub-suppliers facilities to check material compliance according to purchase order.**

**Service and Customer Support Agreements to guarantee the lowest owning and operating costs.**

**Keep your business running with over 75,000 genuine spare parts available for next day deliver.**

**Detailed engineering: We create customised mechanical and electrical designs to meet customer requirements. Quality Control and testing, issue of detailed technical specifications for procurement of materials from sub-suppliers.**
CGT WITH ITS CUSTOMERS EVERYWHERE IN THE WORLD

CGT key reference data in O&G:

> Packages delivered: more than 1500
> Installed power in the Oil and Gas market since 1980: more than 900 MW
> Keeping your business running, our service engineers are there when you need them: 24/365 Service
Emergency Power Generation in the **Offshore** Caspian Sea.
Scope of supply includes:

- **Six Emergency Diesel generators** 2000kW - 2500kVA, 6.6kV powered by CAT® engines 3516B-HD.
- Unit Control Panels & Master paralleling control panels.
- Dual starting system with Ni-Cd starting batteries & hydraulic starting skid.
- MV NER & Line panel.
- Winterized cooling radiator.
- ASME “U” stamped fuel tank.

CGT has provided a complete service, including: engineering, procurement, testing and supply of the units, long term preservation activities at site and final commissioning and start up.

Onshore Emergency Power Generation.
Scope of supply includes:

- One Emergency Diesel generator set 1020kW - 1275kVA 400V with CAT® engine 3512 and CAT® SR4B alternator.
- Container H60-J45 rated and designed for cold ambient down to -40°C.
- Separate electrical room container with dual HVAC system and pressurizing system.
- Water mist + IG541 fire fighting systems.
- Dual starting system with Ni-Cd starting batteries & hydraulic starting skid.
- Pre-heating systems and cable tracing for winterization.
- ASME “U” stamped fuel tank.

CGT has provided a complete service, including: engineering, procurement, testing and supply of the units, long term preservation activities at site and final commissioning and start up.
Main and Emergency Power
Generation for drilling in arctic climates.

Scope of supply includes:
- Ten Diesel generators 1000ekW - 1500kVA 600V with CAT® engine 3512B.
- Seven diesel generators for drilling.
- Two for camp power feeding.
- One Emergency generator.
- Soundproof containers, Fire fighting systems, Control, Synchronizing & Power Distribution panels.

CGT has provided a complete service, including: engineering, procurement, testing and supply of the units, long term preservation activities at site and final commissioning and start up.

Engine maintenance in the Sahara desert for a gas compression station:
- 24 CAT® engines, 18 MW of power.
- 4 NON CAT® engines, 5 MW of power.
- Regular maintenance on site with CSA.
- Supply and deliver of CAT® and not CAT® spare parts.
- 24 Hours – 7 days a week phone availability for troubleshooting.

CGT responsible for the project and execution giving performance of 99% availability.
CGT can tailor the right power solution for your needs, providing you with engines, transmissions and packages needed to complete new wells or improve production. Whether you require electrical power on land, offshore or for electric-driven drilling rigs, CGT’s range of Cat® generator sets are widely known for performance, reliability, durability, and fuel flexibility in the oil and gas industry. CGT is there for you and with you when constructing your power solutions for your drilling applications and for the long term maintenance.

DRILLING & WELL SERVICE

**Power for Offshore Drilling**

**3500 Engine Family**
- Mechanical drilling & Well service
- C13, C15, C18, C27, C32
- Diesel

**3500 Generator Sets for drilling**
- Electric land drilling
- 3500B, 3500C
- Diesel and Gas

**3500 Generator Sets with Dynamic Gas Blending**
- Electric land drilling
- 3500B, 3500C with DGB
- Diesel with fuel gas

**C-Series Generator Sets**
- Electric land drilling & camp power
- C15, C18, C27, C32 ACERT
- Diesel

**C-Series Engine Family**
- Mechanical drilling & Well service
- C13, C15, C18, C27, C32
- Diesel

**HazPak**
- Solutions for Zone2 Hazardous Area
- Diesel
- Diesel, crude oil, dual fuel
CGT is constantly working to improve and adapt its products and services to meet the stated requirements for environmental conditions, emission legislations, area classifications and the specifications of marine classification societies. The different solutions for offshore and land based applications can meet also the additional requirements to operate in hazardous areas. CGT service engineers keep your business running when and where you need them.
A variety of processes, different performance requirements: whatever your application, CGT Power Systems is the partner that makes the difference by standing beside you and our products. Gas engines by Caterpillar are characterised by excellent mechanical efficiency (up to 44%) and low fuel consumption. With our broad operating ranges and options, you can tailor engine specifications to any application, and to your site-specific requirements.
CAT FINANCIAL SERVICES

Our Customers can count on Cat Financial to provide the best financing solution for their business.

Increased efficiency, including more time for planning and decisions, are advantages that our customers expect from us. Cat Financial knows the challenges of the Oil & Gas industry.

Cat Financial offers financing and leasing for all of Caterpillar’s product line, with services available for each market that Caterpillar serves and it provides services to customers throughout Africa, the Americas, Asia, Australia and Europe, supported by offices in over 40 countries.

WHY CAT FINANCIAL?

INDUSTRY COVERAGE
From supporting gas compression and storage to well servicing and onshore drilling, Cat Financial can help, providing service to customers in a variety of industries with a variety of demands. Every Petroleum customer needs a financing contact who not only knows the financial sector but also knows the business. Cat Financial experts are part of Caterpillar and are specialized by industry, adding real value to your bottom line.

LOCAL PRESENCE
Need a local expert? Cat Financial knows local markets and how to navigate the legal and regulatory environments. Cat Financial has offices in the Americas, Europe, and Asia, and financing representatives all over the world. Put our knowledge to work to power the deal.

EXCEEDING CUSTOMER EXPECTATIONS
The right process simplifies everything. Our process begins with understanding your critical requirements and developing a tailored solution. We then document, close, and fund the deal to exceed the expectations of all parties involved.

ONE CUSTOMER EXPERIENCE WORLDWIDE
Strong relationships are the key to our success. That’s why Cat Financial works across geographical boundaries to deliver the same quality experience to every customer, every time.
CGT S.p.A.
Power Systems

Milan Tel +39 02 27427 1
Rome Tel +39 06 8260 1

www.cgt.it