A Dyno Nobel Overview

Our Company  Our Products  Our Technology  Our Services  Your Benefit
Our Company

Ownership  History  Statistics  Locations  Expertise  Vision  Safety
Incitec Pivot Limited
Top 40 ASX company

- The #1 supplier of industrial explosives in North America
- The #2 supplier of industrial explosives in Australia
- The largest number of AN plants
- The only full line explosives manufacturer

Dyno Nobel
Industrial Explosives

- The #1 manufacturer of fertilizers in Australia
- The #1 distributor of fertilizer in Eastern Australia
- The largest fertilizer trader in Southeast Asia

Incitec Pivot
Fertilizers
Incitec Pivot Limited Corporate History

Antecedent companies of Incitec established

Demerger of Incitec fertiliser business from Orica's Industrial Chemicals

Merger with Incitec Fertilisers Ltd

Acquisition of SCF (Phosphate Hill manufacturing plant)

Acquisition of Dyno Nobel

Moranbah AN plant construction commenced

Moranbah AN plant goes live

$850m investment in Waggaman, Louisiana ammonia plant


Pivot established

Divestiture of Incitec's crop protection division

Orica divests its remaining 70% shareholding in IPL

50% acquisition of Nitromak

100% acquisition of Nitromak
Dyno Nobel's history began in 1865 with Swedish inventor Alfred Nobel. The company traces its roots to Alfred Nobel's legacy of safety innovation. His invention of dynamite and blasting caps saved the lives of countless miners, as did William Bickford's invention of safety fuse in 1831. Dyno Nobel is proud of this legacy and our safety standards are among the highest in the industry.

Today, our corporate history connects to nearly every organization that made significant breakthroughs in explosives technology.
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1800’s – 1950’s</td>
<td>1865</td>
</tr>
<tr>
<td>1831</td>
<td>William Bickford develops safety fuse (Ensign Bickford Company)</td>
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<tr>
<td>1867</td>
<td>Alfred Nobel invents dynamite (Nobel Explosives Group)</td>
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<tr>
<td>1865</td>
<td>1867</td>
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<tr>
<td>1900’s</td>
<td>1956</td>
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<td>2012</td>
<td>2014</td>
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Dyno Nobel’s Lineage of Innovation
# Key Business Statistics

<table>
<thead>
<tr>
<th></th>
<th>Incitec Pivot Limited¹</th>
<th>Dyno Nobel</th>
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<tbody>
<tr>
<td>TRIFR²</td>
<td>0.97</td>
<td>1.02</td>
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<tr>
<td>Employees</td>
<td>~ 5,500</td>
<td>~ 3,000</td>
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<tr>
<td>Sales</td>
<td>AU$ 3,352.0 M³</td>
<td>AU$ 2,063.4 M³</td>
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<tr>
<td>EBIT</td>
<td>AU$ 519.4 M³</td>
<td>AU$ 370.5 M³</td>
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1. Includes Dyno Nobel
2. TRIFR includes contractor statistics
3. Reported in the 2014 EOY results
The Industries We Serve

- Gold, Iron Ore, Copper, Lead
- Fuels Electric Power Plants
- Concrete & Building Materials
- Roads & Pipelines
- Oil & Gas Exploration
- Fertilizers

Metal/Mineral Mining
Coal Mining
Seismic
Stone
Agriculture & Industrial Chemicals
World Class Expertise

R&D and Engineering

Industry

Manufacturing

Customer Care

Distribution

Application

Blasting
Our Vision:

To be the best in our markets, delivering Zero Harm and outstanding business performance through our people, our culture and our customer focus.

Our continuous improvement is shaped by our VALUES.
Our company Value, Zero Harm for Everyone Everywhere, reflects our commitment to the highest standards of safety, ensuring the well-being of our people, both at work and at home.
Our Product Line

Explosives for Mining, Quarrying, Construction & Geophysical Exploration
Ammonium Nitrate (AN)

- AN, the primary ingredient in many explosives and fertilizers
- Dyno Nobel manufactures over 1 million tons annually
TITAN® Bulk Explosives

- The most efficient way to break large masses of rock
- Formulations tailored to specific geologic conditions and customer needs
TITAN® Bulk Explosives

- ANFO
- Augerable Blends
- Pumpable Blends
- Emulsions
Bagged ANFO

- Prilled ammonium nitrate & fuel oil explosive
- Packaged in 50 lb bags
- Suitable for dry boreholes
Packaged Emulsion Explosives

- Tube shells, paper wrapped & chubs
- Detonator or booster sensitive
- Diameters from 1 to 7 inches
- Excellent water resistance

DYNO® AP  BLASTEX®
DYNO® SL  BLASTGEL®
DYNO® TX  POWERMITE®
DYNOSPLIT® EX
Dynamite

**UNIGEL®**
**UNIMAX®**
**DYNO MAX™ PRO Z POWDER STONECUTTER®**
**DYNO SPLIT® D**

- Nitroglycerine (NG) based explosives
- Performs reliably in extreme conditions
- Diameters from 3/4 to 3 inches
- Dyno Nobel is the only North American dynamite manufacturer
Electric Initiation

- The original electric “Blasting Cap”
- Proven by generations of blasters
Nonelectric Initiation

- NONEL, the original patented nonelectric detonator brand
- Today’s most widely used detonator
- Eliminates most electric detonator hazards

NONEL® MS
NONEL® LP
NONEL® SL
NONEL® TD
NONEL® EZ DET
NONEL® EZTL™
NONEL® EZ DRIFTER
NONEL® MS CONNECTOR
NONEL® STARTER & LEAD LINE
Electronic Initiation

- Electronic delay timing is much more accurate than pyrotechnic delay timing
- Shots fire exactly as designed
- Improves blasting results and vibration control

*digishot®*

*digishot® plus*

*smartshot™*

*driftshot™*
Cast Boosters

- Reliable initiation of non-detonator-sensitive blasting agents
- Sizes and configurations for all applications
Detonating Cord

- The world’s most well known detonating cord brand
- Coreloads from 7.5 to 400 gr/ft
- Textile jacket (Primacord) or plastic jacket (Primaline)
Seismic Explosives for the geophysical exploration industry

- **GEOPRIME® dBX** (pentolite)
- **GEOPRIME®** (pentolite)
- **SEISPRO®** (emulsion)
- **VIBROGEL®** (dynamite)
- **GEOSHOT®** (electronic initiation)
- **ELECTRIC SUPER SEISMIC™** (electric initiation)
Our Technology

180 Years of Practical Innovation
Bulk Explosive Breakthroughs

- TITAN® 5000 for pyritic ground
- TITAN® 7000 for up-hole loading in underground applications
- TITAN® 9000xero for NO$_x$ fume abatement
- Successful elimination of many AN compatibility issues
High Performance Surface Delivery Equipment
High Performance Underground Delivery Equipment
Differential Energy ($\Delta E$)

- Precisely controlled placement of explosive energy in the borehole optimizes blasting results
- Requires TITAN® bulk trucks equipped with $\Delta E$ technology, $\Delta E$ automated controls, and TITAN gassed emulsion
Modular Emulsion Plants

- Containerized design reduces cost and can be relocated
- Built in a controlled environment for fast deployment to remote sites
- Compatible with a wide variety of AN sources
Electronic Initiation Systems

- Dyno Nobel and DetNet share expertise to develop and manufacture the most effective electronic detonators on the market.
- Together, we are at the leading edge of the rapidly advancing EIS technology.
NO$_x$ Reduction

Dyno Nobel is unmatched in its ability to reduce or eliminate harmful post-blast fumes.
Data and Software

- Web Reporting Tool
- ViewShot
- Throw Calculator
- ShotPoint Logix
- ShotPoint Tracker
- Electronic Shot Report
- Explosives Engineers’ App
- Differential Energy App
- Hybrid Stress Blast Model
- Signature Hole Analysis
Our Services

Blasting  Consulting  Equipment  Transportation
Dyno Nobel Partners

- Blasting services and explosives supply
- Local knowledge, global expertise
- Dyno Nobel explosives products
Consulting Services

Improving our customers’ profitability through optimized blasting

- Fragmentation analysis & control
- Cast blasting optimization
- Vibration analysis & control
- Ore dilution control
- Final wall & over-break control
- Blasting education
- Safety training
Explosives Equipment Manufacturing

- Custom design and build
- Rebuild and repair
- Control systems
- Parts and service
Dyno Nobel Transportation Incorporated

- DNTI transports 1.76 billion pounds of explosives and hazardous materials throughout North America
- Drivers log 12 million miles/year with an excellent safety record
- Top of the line equipment exceeds DOT standards
Your Benefit
Dyno Nobel Delivers . . .

- Practical Innovations
- Industry Expertise
- Committed Partnership
- Dedication to Safety
Dyno Nobel Delivers . . .

Groundbreaking Performance!
Thank You

www.dynonobel.com