



Alphatec Engineering provides high-quality products and services that improve the quality of critical machinery concrete foundations across a broad range of industrial markets around the world.

As the only epoxy grout manufacturer with its own engineering and contracting arm, **Alphatec Engineering** is uniquely placed to give you the best combination of products and services.

Since 1977



ISO 9001: 2015 Certified
Epoxy Resins Manufacturing
Refurbishing of concrete structures
Repair of foundations under rotating and reciprocating machines



Services and Products



EMERSON



Services and Products

New Installation

Field Supervision | Skid Installation | Resins and Grout application.

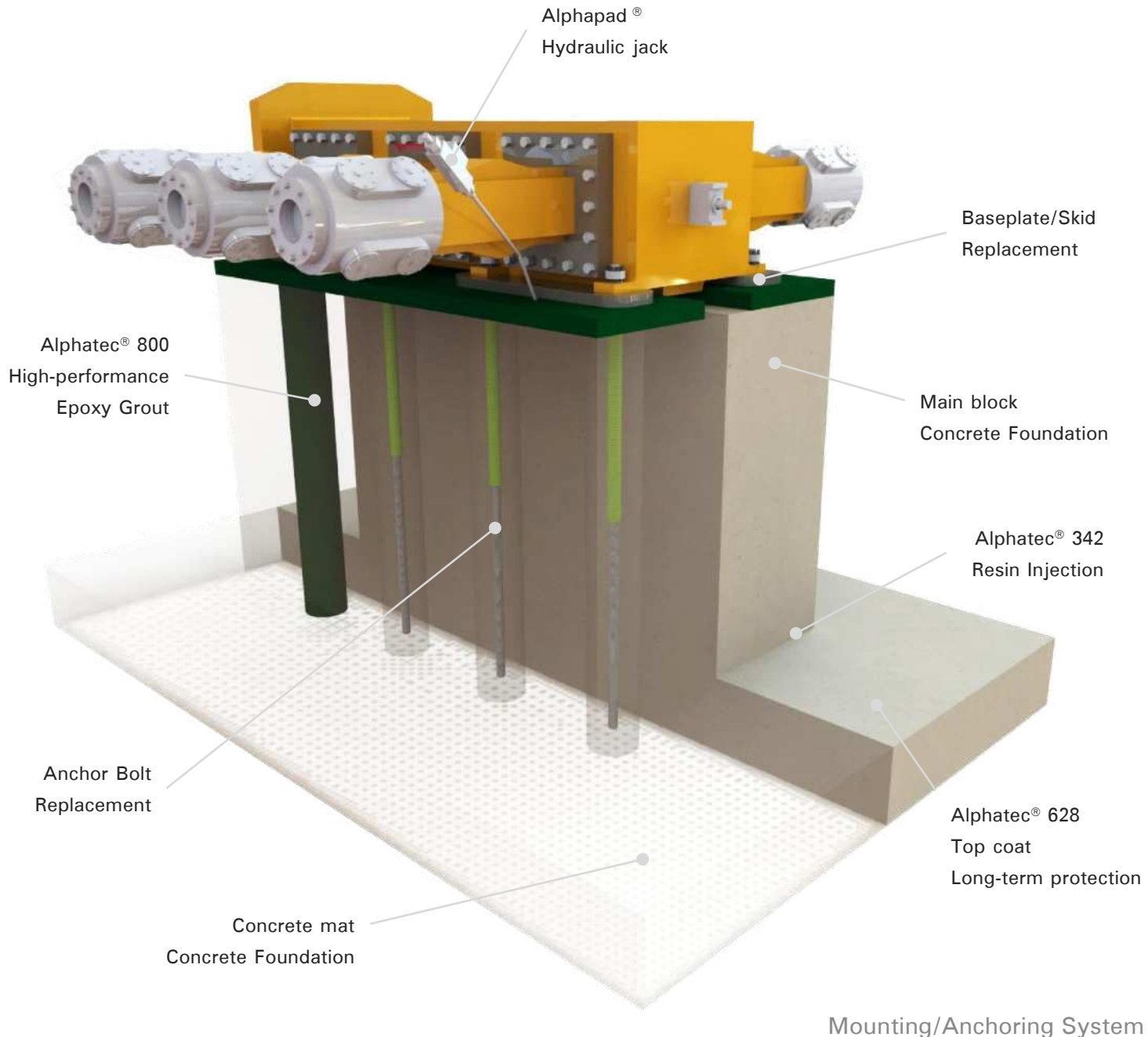
Foundation Repair

Inspection, Evaluation and Diagnosis | Epoxy resin injection | Rehabilitation of concrete foundations | Anchor bolts repair and replacement | Base plate and skid replacement.

Products

ALPHATEC® 800 High-performance Epoxy Grout | ALPHATEC® 741 Fast curing epoxy patching mortar | ALPHATEC® 342 Resin Injection System | ALPHATEC® 240 Epoxy putty compound | ALPHATEC® 170 Chock grouting | ALPHATEC® 141 Underwater curing Epoxy Grout | ALPHATEC® 130 Epoxy Grout for high temperature | ALPHATEC® 110 Fast curing Epoxy Grout.

On our website you can download the detailed product brochures and you can also learn more about each specific service.



What is the purpose of grouting?

Transition Machine-Foundation: The Epoxy Grout is specifically formulated to support heavy machinery on concrete foundations, and when used correctly, will ensure the transfer of static and dynamic loads into the inertia block.

The product must be used correctly!

Choice of grout material is very important to ensure complete integrity and a properly installed epoxy grout will function well for the remaining economic life of the machine.

The advantages of epoxy resin

Nowadays more and more companies, OEMs, and engineers understand the importance of using the right product with the right contractor for the job.

Make sure the contractor using the product knows what he is doing. If in doubt, ask us to supervise the job, or handle the installation contract directly.



Success Cases

Success Cases

Innovative solutions that improve reliability, efficiency, and cost-effectiveness.

Our company aims to deliver innovative solutions to specific machine problems with vibration issues associated with the anchoring system.

The works are executed with high international quality standards together with best-in-class products.

ACI – American Concrete Institute

API – American Petroleum Institute

GMRC – Gas Machinery Research Council

EFRC – European Forum for Reciprocating Compressors



Through a close relationship, based on commitment, flexibility and transparency, we have carried out projects all over the world.



End-user	Location	Equipment type (No) - Output	Condition	Service description
Bayernoil Raffinerie GmbH*	Germany	Howden Thomassen Compressor - 950 kW	1971	AT-800 regROUT and AT-342 epoxy resin injection
Caltex Petrochem Corp	New Zealand	Cooper (Integral Compressor/Engine) V-275 - 3.8 MW	82/06	Engine & compressor regROUT & foundation repair
Cargill*	Germany	Disintegrator - 2,2 MW	2007	Skid fill with cement, regROUT & injection consolidation
Celsa*	Spain	Ladle Turret - Ø 4,5 m	New	Grout removal, anchor bolt isolation, & regROUT
CUC*	Saipan	Mitsubishi-MAN diesel engine 18V52/55B - 13 MW	1986	Foundation repair and anchor bolt replacement
CupruMin*	Romania	SAG Mill - Ø 8,5 x 3,8 m	1970s	Foundation repair and anchor bolt replacement
EP Petroecuador	Ecuador	Recip compressors	New	Alphatec Epoxy Grout AT-800 supply
ExxonMobil Chemicals	Belgium	Ingersoll-Rand primary compressor - 3.25 MW	1975	Foundation repair and anchor bolt repairs
Fluxys*	Belgium	BOG Compressor (4) - 12600 kg/h	New	Alphatec® 800 Epoxy Grout AT-800 supply & supervision
Hanson Cement	UK	ID Fan - HAF 315/345	1993	Engine & ID Fan regROUT & anchor bolt replacement
Incitec Pivot Fertilisers	Australia	Dresser-Rand HHE recip compressor - 4.0 MW	Existing	Foundation repair, re-alignment, & regROUT
KNPC	Kuwait	All rotating machinery (300 +) - Various	New	Alphatec Epoxy Grout AT-800 supply & supervision
Magyar Földgáztároló Zrt	Hungary	Reciprocating compressor - 2900 kW	New	New engine & compressor epoxy grouted with AT-800
Marquesado Solar*	Spain	HTF tank (2) - 400 m³	Existing	Restoring grout on footings
Petkim Izmir	Turkey	Nuovo Pignone primary & hyper compressor – 2,65 MW	1985	Foundation repair, realignment & regROUT
Repsol Puertollano	Spain	Nuovo Pignone 6PH/2 hyper compressor – 4,5 MW	1974	RegROUT & pressure injection foundation repair
Shell Capsa	Argentina	Howden Thomassen Compressor - 1750 kW	1997	Inspection and Rehabilitation of concrete foundations
Shell Petit Couronne Refinery*	France	Recycle Gas Compressor - 45 kW	1977	Engine & compressor regROUT & anchor bolt replacement
Total La Mede	France	Ingersoll-Rand recip compressor – 1,69 MW	1992	RegROUT and pressure injection foundation repair
Votorantim Cimentos*	Morocco	CMD Gearbox and Induction Motor - 4000 HP	2007	Epoxy resin injection AT-342, regROUT & realignment

Industries: Agro Food | Cement Plants | LNG Plants | Metal & Steel mills | Mining | Oil & Gas | Petrochemical | Power Energy | Renewable Energy

* Learn more about these projects at
www.alphatec-engineering.com/success-cases



RECIPROCATING, ROTATING & CRITICAL ASSETS

Diesel Engines

Compressors

Extruders

Turbo Machinery

Gas Engines

ID Fans

Pumps

Electric Motors

Gearboxes

Grinders

SAG & Ball Mills

Metal Working

Wind Turbines

Presses

"We offer both products and services to the industries we serve, but primarily, we offer solutions to problems"

*- Giles Goldsbro
Founder & Managing Director*

Our expert reps are more than willing to help.

Algeria
Argentina
Australia
Chile
Hungary

Ireland
Malaysia
Mauritania
Peru
Romania

South Africa
South Korea
Spain
Turkey
UK



#GreenEpoxyGrout



www.alphatec-engineering.com

info@alphatec-engineering.com

+ 34 961 451 599