FIMO

Building Sustainable Innovation

KNOW-HOW

Pylons and integration trees

TOME 2

WELCOME TO THE SECOND VOLUME OF OUR KNOW-HOW CATALOG!

Pylons and integration trees

The FIMO Group has established itself as an international reference in the field of telecom integration. Thanks to proven technical expertise and constant commitment to aesthetics, we design, manufacture, and install pylons in a wide variety of shapes. We are able to meet the most complex challenges in diverse and sometimes demanding environments.

Beyond structural performance, each project reflects our commitment: preserving the harmony of landscapes while ensuring reliable, durable infrastructure that meets the highest standards.

In recent years, our expertise has led us to support projects in more than 60 countries, notably in Africa (Congo, Mali, Côte d'Ivoire, Senegal, Tunisia), the Middle East (Kuwait), North America (Canada), and the Pacific (Polynesia). This international presence demonstrates the trust placed in our teams and the FIMO Group's ability to adapt to a wide range of technical, regulatory, and cultural contexts.

Visual integration, product quality, and service excellence remain our top priorities. Our ambition is clear: to continue innovating, pushing boundaries, and advancing integration ever further.

This catalog is intended for operators, project managers, local authorities, and developers seeking high-performance, reliable, and sustainable integration solutions.

We hope it will enrich your thinking and inspire your future projects.
Dive into this world and discover an international vision of integration.

«IT IS NOT BECAUSE IT IS DIFFICULT THAT WE DO NOT DARE, IT IS BECAUSE WE DO NOT DARE THAT IT IS DIFFICULT »

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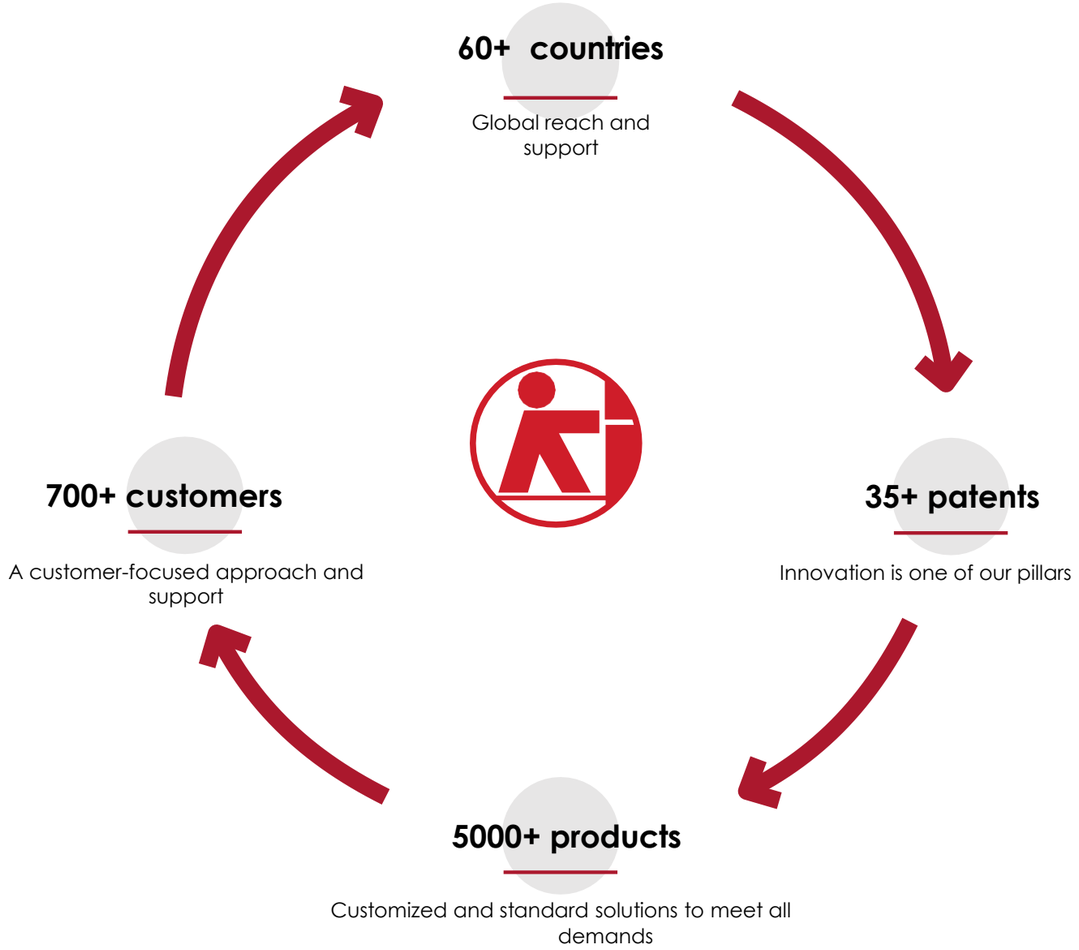
WHO WE ARE

SOME FIGURES

With 90 years of experience, the FIMO Group continues to expand its global impact, supported by a strong international presence.

Each year, we invest in new technologies to strengthen our leadership in the design, production, and delivery of telecommunications solutions.

Our innovations and our commitment to quality place us at the forefront of the telecommunications industry.



WHY CHOOSE FIMO

Our strength is built on the following key pillars:

- **Un vaste portefeuille de produits**
- **A broad product portfolio**
- **Technological leadership**
- **Field-proven quality**
- **Top-tier services**

OUR MISSION AND VISION

Listening to our clients and understanding their needs has always been at the heart of our philosophy.

We have built strong, long-lasting relationships with key players in the telecommunications industry, driven by our unwavering commitment to support them from the initial design phase through to product delivery and installation.

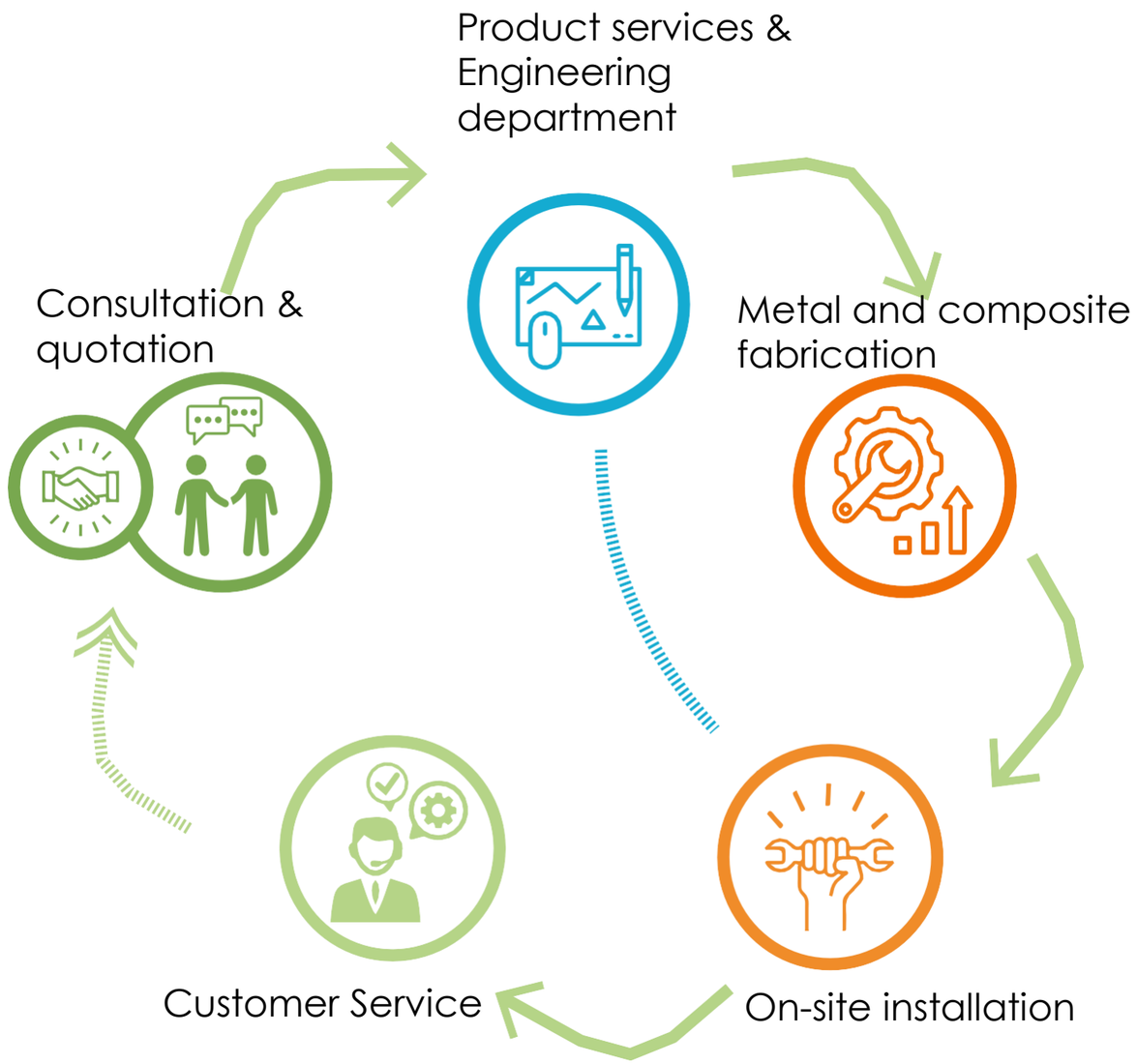
10 TO 20 YEAR WARRANTY

FIMO continuously advances its engineering methods and technologies to guarantee superior performance, enhanced safety, and long-term durability across all its solutions.

Warranty coverage ranges from 10 to 20 years depending on the product category, including chimneys, telecom towers, and integration structures. This policy has been effective since January 1, 2009.

This warranty demonstrates our unwavering confidence in the quality and reliability of our manufactured products in our facilities. It guarantees our clients long-term reliability and the highest standards of safety across all our solutions.

INNOVATION FOR CUSTOMER SUCCESS



ENVIRONMENTAL COMMITMENT AND CORPORATE SOCIAL RESPONSIBILITY

We are certified by AIO in accordance with international standards ISO 14001, ISO 9001, and ISO 45001. These certifications demonstrate the strength of our integrated management system, covering environmental performance, process quality, and occupational health and safety. They reflect our long-term commitment to continuous improvement, risk management and the satisfaction of our customers and partners.

In addition, we have been awarded the EcoVadis Bronze Medal (35%), a distinction that assesses our performance in terms of Corporate Social Responsibility (CSR). This rating considers several criteria, such as environmental impact, ethical practices, respect for human rights, and responsible resource management.

Thanks to these commitments, we ensure:

- ✓ Optimization of resource management and reduction of our environmental impact.
- ✓ Improvement of our social and ethical practices throughout our supply chain.
- ✓ Delivery of high-quality products while adhering to demanding environmental and social standards.

By choosing our products, you support a company that places sustainability and responsibility at the heart of its business.

Thank you for your trust in this eco-responsible approach!

CERTIFICATION ISO 14001 CERTIFICATION ISO 9001 CERTIFICATION ISO 45001

BRONZE | Top 35% ecovadis Sustainability Rating JUL 2025

For more information

United Nations Global Compact

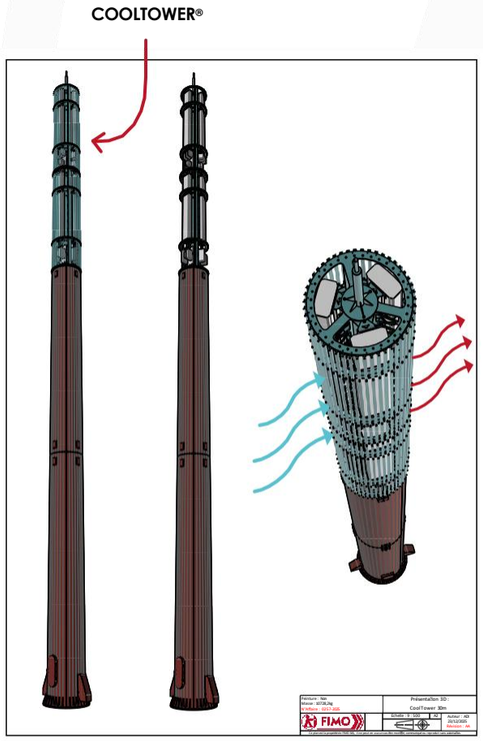
The United Nations Global Compact is a call for companies around the world to align their practices and strategies with Ten Principles derived from the fundamental texts of the United Nations in the areas of human rights, labor law, environmental protection, and anti-corruption.

FIMO EXPERTISE

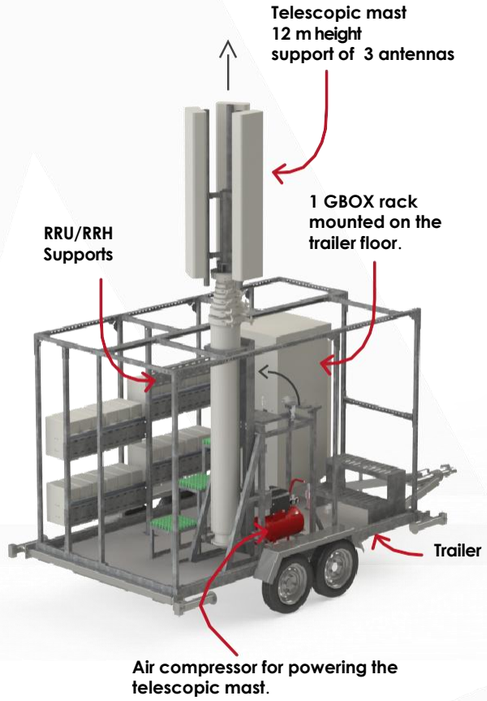
INTEGRATION, SAFETY AND PERFORMANCE FOR ALL YOUR PYLONS AND TREES

- » **Complete engineering calculations** in compliance with the standards in force in each country.
- » **Tailored sizing solutions:** standard foundations, micropiles, and connecting foundations.
- » **Selection of certified materials**: structure, fasteners, and plastic foliage on fiberglass supports.
- » **Maximum protection** of metal parts through hot-dip galvanization.
- » **Standard and custom logistics**: helicopter transport and exceptional convoy transport.
- » **Safe and controlled assembly** with crane lifting and on-site installation.

FIMO designs and manufactures integration poles and artificial trees by combining **technical expertise with solutions tailored** to each environment, ensuring safety, durability, and aesthetics.



Mobile intervention unit



Engineering studies

1 Structural design and calculations

Each project begins with a comprehensive study including:

» Design of standard foundations

» Design of micropiles and connecting foundations

» Structural calculations in accordance with applicable standards

» Guaranteed alignment accuracy according to the specified wind speed

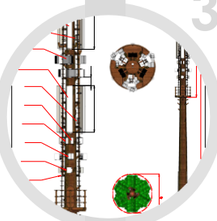
2 Material selection

All materials are selected according to the client country's standards:

» Structures and fasteners compliant with applicable standards

» Plastic foliage mounted on fiberglass supports

» Protection of metal parts by hot-dip galvanization (EN 1461 / ASTM A123)



3 Drawings

Execution drawings

Preliminary sizing

Ergonomic equipment layouts

» Validation

Client

GOOD TO KNOW

A Joint Inspection Visit (JIV) may be scheduled to validate all project elements on site.

The JIV provides a detailed review of the proposed solutions, and final adjustments may still be implemented at this stage.

Production drawings are then prepared.

Fabrication of structures

4 Foundations

» standard

» connecting

» micropile

5 Radio-transparent integrations

» Composite cladding

» Supporting structure

» Finishing

6 Pre-assembly

Pre-assembly of subcomponents in the workshop

» Ready for lifting by crane

Transportation and Installation

7 Convoying and helicopter transport

» Safe operations

FIMO ensures the secure transportation of components to the site, with the option of exceptional convoying or helicopter transport for areas that are difficult to access.

8 Crane operations

» Precision lifting

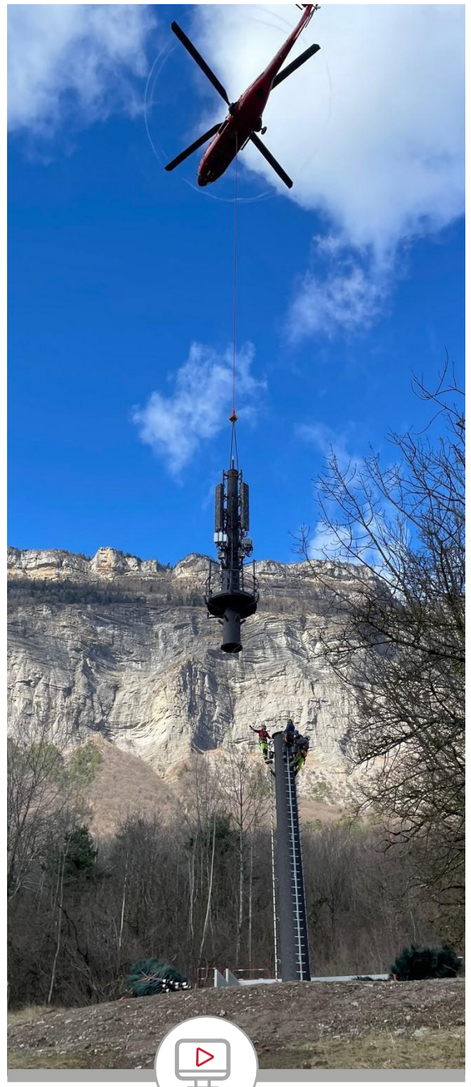
Our specialized teams carry out crane lifting and assembly of all components, ensuring safety and accuracy, even under complex site conditions.

9 Installation

» Final installation

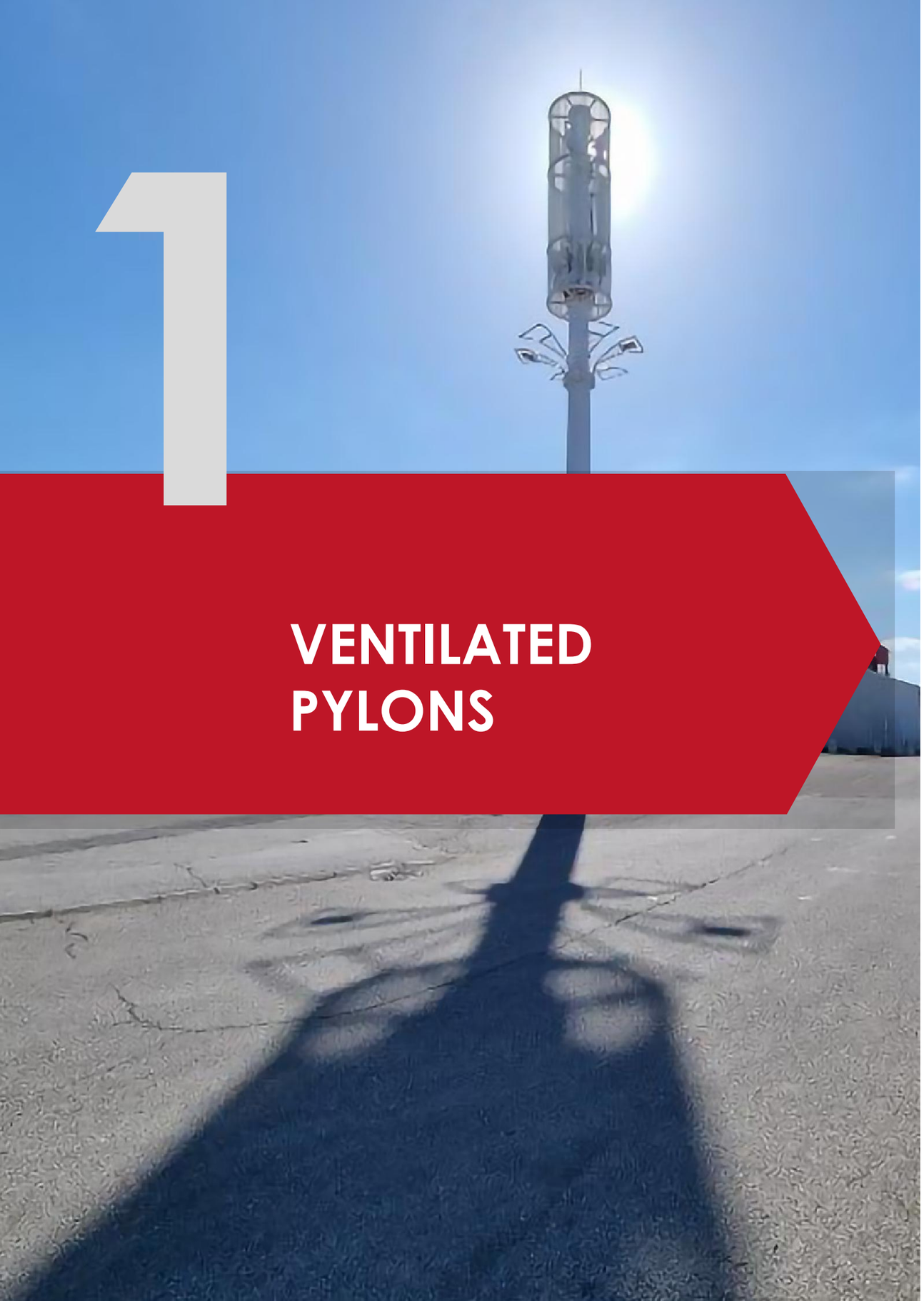
» Inspection

Each tower or integration tree structure is installed and thoroughly inspected on site to ensure optimal integration and performance in accordance with all technical specifications.



WATCH THE VIDEO!

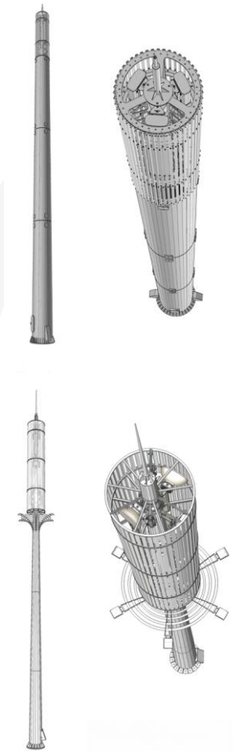
CONTACT US FOR A CONFIGURATION STUDY OR A CUSTOM QUOTATION



1

VENTILATED PYLONS

OPEN-FRAME DESIGN AND NATURAL VENTILATION



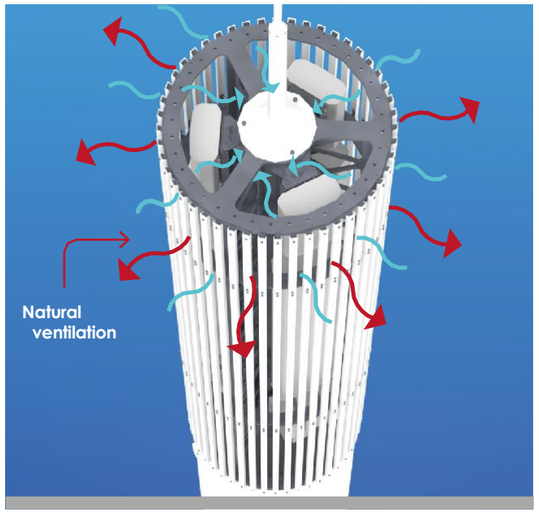
COOLTOWER®

THE PYLON OF THE FUTURE

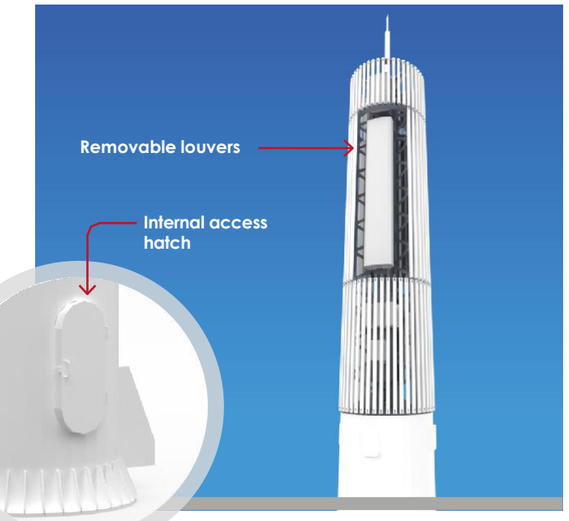
Reinventing the pylon radome through thermal intelligence

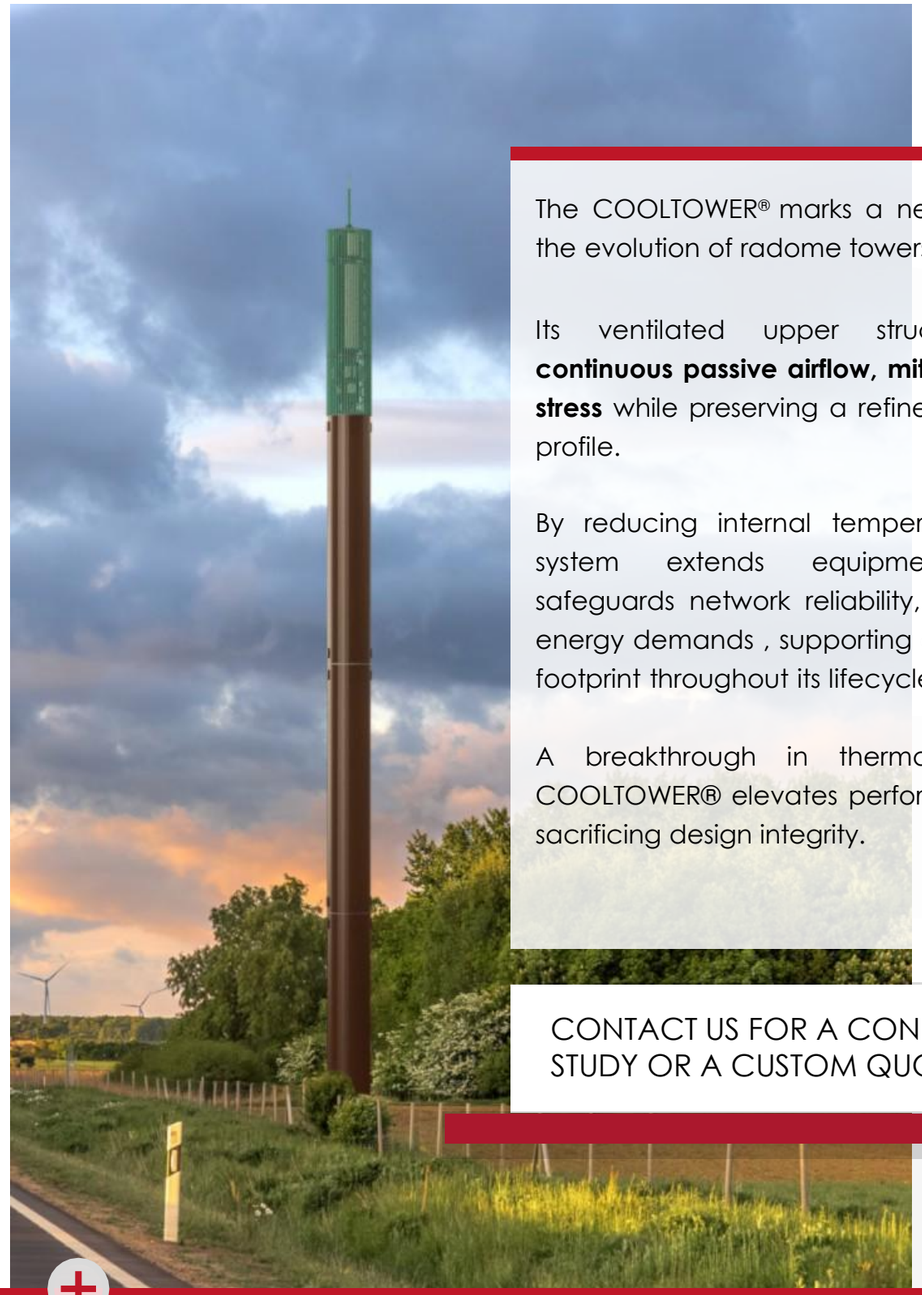
Engineered to **address the increasing thermal and energy demands** of multi-equipment installations, COOLTOWER® turns climate management into a lasting structural advantage.

CHARACTERISTICS



Simplified maintenance





The COOLTOWER® marks a new milestone in the evolution of radome towers.

Its ventilated upper structure **delivers continuous passive airflow, mitigating thermal stress** while preserving a refined architectural profile.

By reducing internal temperature rise, the system extends equipment longevity, safeguards network reliability, and minimizes energy demands , supporting a lower carbon footprint throughout its lifecycle.

A breakthrough in thermal intelligence, COOLTOWER® elevates performance without sacrificing design integrity.

CONTACT US FOR A CONFIGURATION STUDY OR A CUSTOM QUOTATION

FIMO EXPERTISE

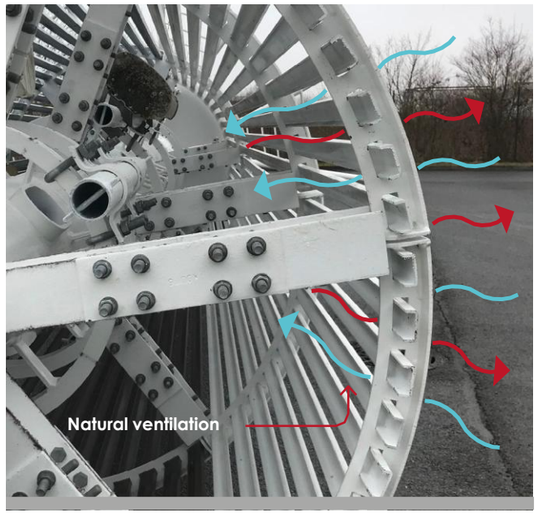
- **Integrated natural ventilation concealed concept**
- **PIM risk mitigation through the elimination of external metal accessories[1]**
- **Open upper section for optimized passive thermal performance**
- **Maintains RF performance while protecting equipment**
- **Designed for multi-operator configurations**
- **Innovative solution engineered to address today's thermal challenges**

[1] PIM (Passive Intermodulation): A phenomenon in which nonlinear interactions between metal components generate unwanted radio frequency interference.

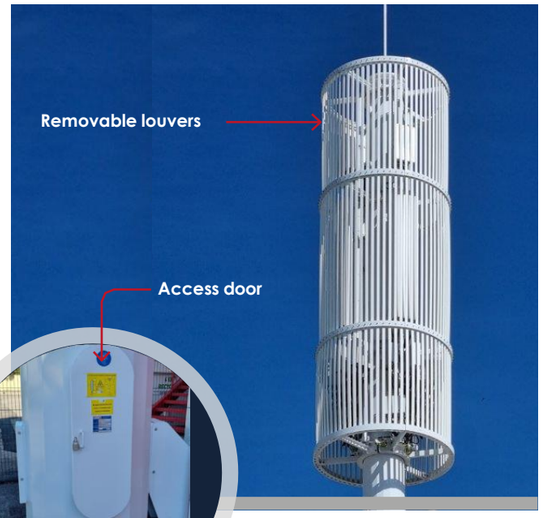
KLATTES

MEETING CLIMATE CHALLENGES

Thermal performance



Simplified maintenance



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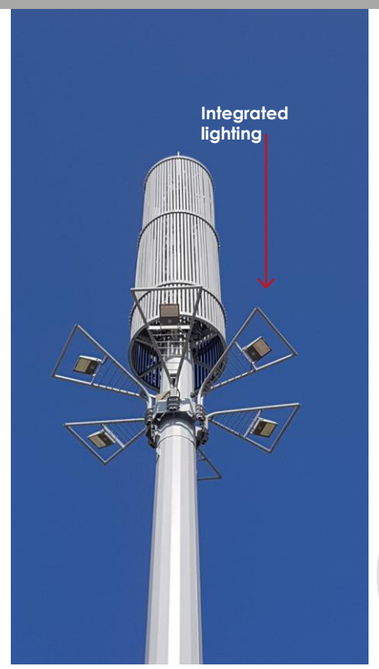
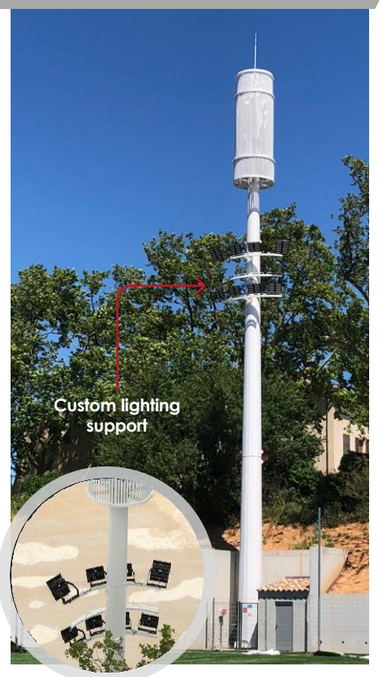




The KLATTES ventilated tower addresses today's climate challenges through a comprehensive approach: thermal performance, material efficiency, and simplified maintenance.

Its ventilated envelope enables continuous natural airflow, limiting internal overheating and safeguarding service continuity. Like COOLTOWER®, it enhances operating conditions, extends equipment lifespan, and reduces energy consumption during operation.

Its distinctive signature is built around an optimized conical design. This structural geometry reduces the amount of steel required while maintaining high mechanical strength. The result: a significant reduction in carbon footprint starting from the manufacturing phase.

A design conceived to combine technical efficiency with environmental responsibility and structural elegance.

CONTACT US FOR A CONFIGURATION STUDY OR A CUSTOM QUOTATION

FIMO EXPERTISE

- » Energy savings through enhanced thermal dissipation
- » Optimized design: reduced construction and maintenance costs (Reduced CAPEX[1] and OPEX[2])
- » Up to 33% reduction in carbon footprint (kg CO_2e) compared to a traditional monopole
- » Reduced PIM risk[3] through elimination of external hardware
- » Supports co-location of up to four operators
- » Bucket truck access or internal access available upon request
- » Controlled installation completed in three days

[1]↓CAPEX: Capital Expenditure — 2 ↓OPEX: Operational Expenditure — 3 PIM : Passive Intermodulation

2

TRAILERS & MONOPOLES

PROVEN STRENGTH AND ADAPTABILITY

LATTICE TOWERS

MONOPOLES

LATTICE TOWER

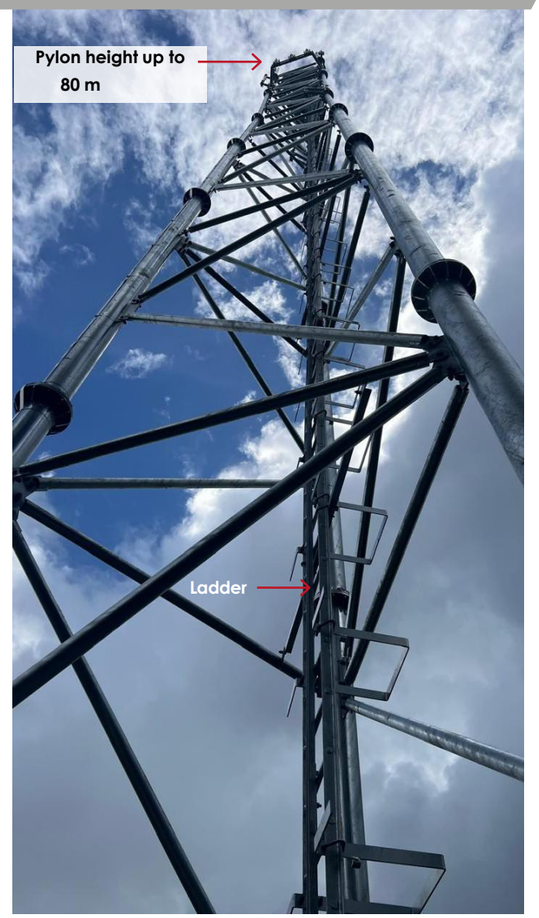
TRIPOD LATTICE TOWER

Fast, reliable, and safe deployment

Delivered in two preconfigured modules to ensure rapid and controlled installation. Equipment is factory pre-assembled on the upper structure.

This configuration minimizes high-elevation work and ensures controlled, safe site operations from foundation construction to final installation.

CHARACTERISTICS



Tripod lattice towers provide a robust and optimized structural solution for the deployment of elevated telecommunications equipment.

Their triangulated design ensures stability and efficient load distribution, while the integrated central ladder provides direct and secure access to the equipment along the entire height of the structure.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- Three-Legged Lattice Tower — Height Up to 80 m
- Triangulated structure providing high stiffness and efficient load transfer
- Telecom equipment pre-mounted in the production facility to enhance installation safety
- Supplied in two modules to optimize crane operations

LATTICE TOWER

FOUR-LEGGED LATTICE TOWERS

Sustainable Operations, Safe Interventions

Engineered for durability, accessibility, and future scalability, these towers are particularly well suited for aggressive environments, including coastal conditions, as well as remote or difficult-to-access locations.

Tower elements can be assembled on site without crane or lifting equipment.

CHARACTERISTICS

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

Quadripod lattice towers provide enhanced structural stability and optimized operational capacity for multi-equipment configurations.

Their quadrangular configuration accommodates multiple spacious service platforms, enabling efficient equipment access, monitoring, and maintenance operations while maintaining high safety standards.

FIMO EXPERTISE

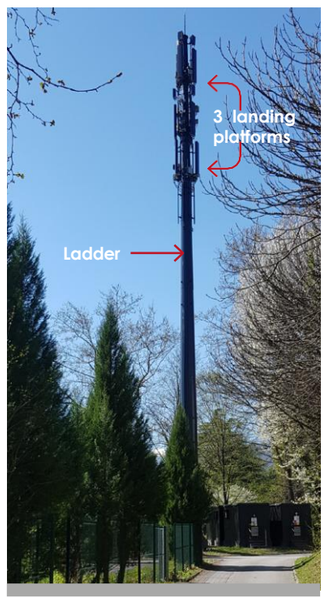
- Four-leg lattice tower for enhanced stability
- Multiple integrated service platforms for safe maintenance operations
- Optimized vertical organization of telecom equipment
- Facilitated access for multi-level maintenance and operations
- Designed for multi-operator configurations

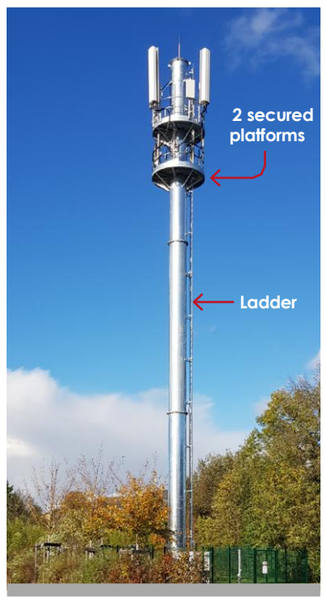
MONOTUBES

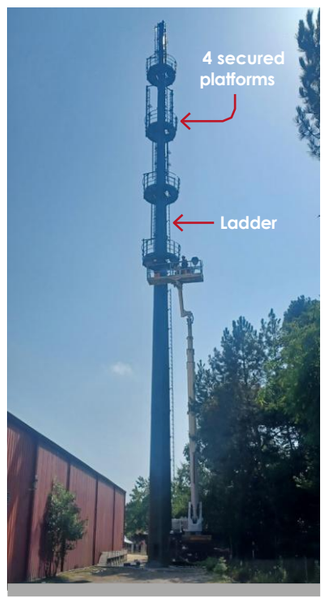
PYLONS – HEIGHT FROM 12 TO 45 M

Integrate with elegance, operate with complete simplicity

Offered in multiple height options, they enable precise configuration tailored to site-specific constraints.







Monotubes provide a clean vertical profile suited to sites demanding compactness and discreet integration.

Their constant-diameter or tapered tubular shaft delivers high structural stability while reducing foundation footprint.

Fitted with safety access ladders and optional intermediate service platforms, they provide efficient and secure access to telecom equipment throughout the entire height of the tower.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

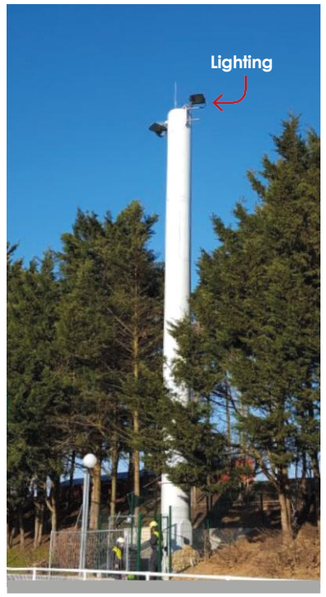
- Customizable height
- Constant-diameter or tapered tubular shaft engineered for enhanced stability and minimal footprint
- Safety access ladders in compliance with current standards
- Flexible configuration of intermediate technical platforms
- Design adaptable to site-specific operational and environmental requirements

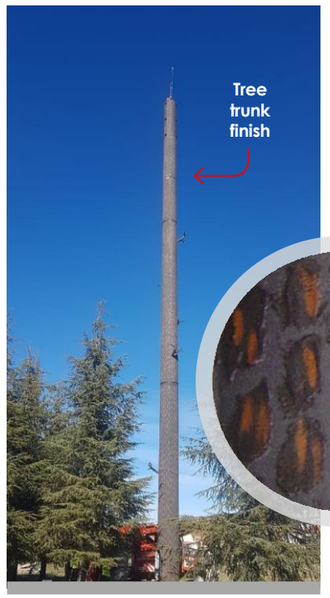
MONOTUBES

RADOME PYLONS – HEIGHT FROM 12 TO 45 M

Elevating technical performance to an architectural feature

Conceived for complex settings, these towers balance elevation, visibility, and refined architectural integration.





Radome towers combine structural performance and architectural integration within a refined vertical silhouette.
Their radome enclosure ensures seamless concealment of telecommunications equipment while offering extensive possibilities for aesthetic customization.

Depending on the project requirements, the structure can incorporate lighting systems such as spotlights or support visual communication elements, thus transforming the technical infrastructure into a landmark feature.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- **Tall radome pylons**
- **Fully enclosed structure ensuring complete equipment concealment and radio transparency**
- **Extensive palette of customizable colors and surface finishes**
- **Integrated spotlight-type lighting options available**
- **Designed to accommodate branding or visual communication elements**

3

DESIGN PYLONS

REFINED AESTHETICS & HARMONIOUS INTEGRATION

KPRISME

ELEGANT ARCHITECTURAL SIGNATURE

KPRISME redefines the three-leg lattice tower as a true architectural statement.

Its elegant vertical profile adapts to context and place identity. Through fully customizable finishes, it evolves into a distinctive landmark or modern communication structure, delivering strong visual impact while preserving harmonious integration.

Reaching up to 40 meters, KPRISME retains a controlled, contemporary line in which engineering performance and architectural expression interact seamlessly.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- **Three-Leg Lattice Tower — Height Up to 40 m (Higher on Request)**
- **Supports co-location of up to four operators**
- **Customizable exterior cladding**
- **Integrated signage or advertising support**
- **Designed for urban and suburban environments**

VENTILATED KPRISME

DURABLE DESIGN & PERFORMANCE

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

This large-format prismatic tower embodies architectural distinction paired with advanced engineering.

Customizable colored cladding at its base roots the structure within its surroundings through refined aesthetic integration. Its ventilated upper enclosure discreetly conceals equipment while enabling continuous passive airflow.

The bioclimatic approach enhances thermal management, minimizes dependence on active cooling, and reduces operational energy demand.

Engineered for multi-operator deployment with an integrated technical platform, it unites capacity, elegance, and environmental responsibility.

In this design, structural performance evolves into lasting sustainability.

FIMO EXPERTISE

- **» Ventilated upper enclosure enabling passive airflow**
- **» Multi-operator platform with side-by-side antennas installed at the same elevation**
- **» Thermal optimization reducing reliance on active cooling for RRU/RRH units**
- **» Contributes to lower operational energy consumption**
- **» Fully customizable lower façade panels with extensive color selection**

RADOME DESIGN PYLON

BOLD VISUAL IDENTITY

This concealed monopole expresses a refined contemporary aesthetic built on simplicity of form and precision of proportion.

Alternating color finishes articulate the tower's height, shaping a strong and recognizable visual identity. The integrated secure platform enhances this architectural statement while ensuring full compliance with RF and operational standards.

At heights of up to 40 meters, it merges visual impact with engineering performance, redefining telecom infrastructure as a deliberate and modern feature of the urban skyline.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- **Conical radome monotube optimized for stability and minimal ground footprint**
- **Wide range of customizable colors and finishes**
- **Height up to 40 m**
- **Secure platform integrated into the design**
- **Combination of distinctive design and technical performance**

ADVERTISING TOTEM

MEDIA AND EVENT IMPACT

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

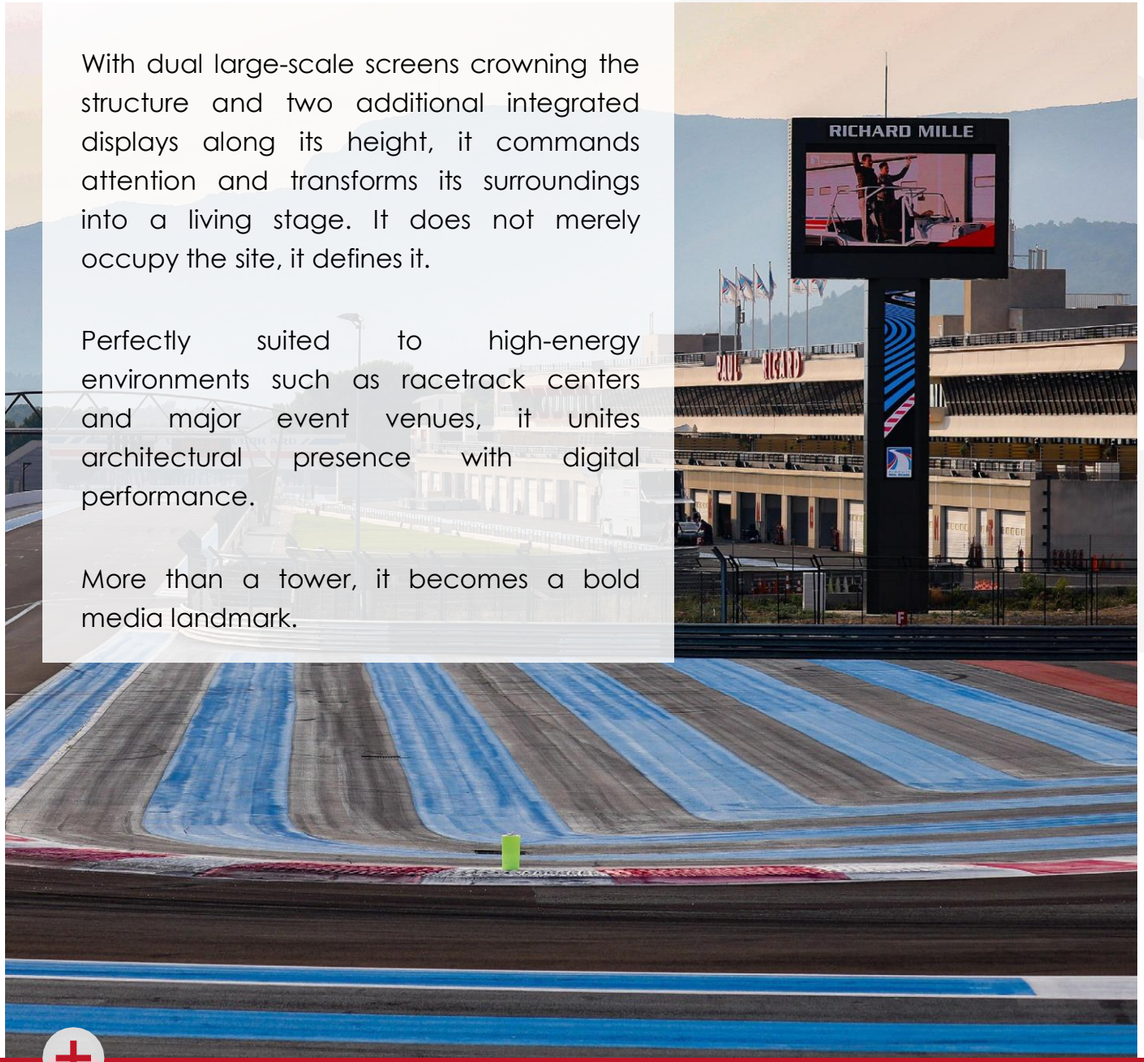
CONTACT YOUR SALES REPRESENTATIVE

More than infrastructure, this tower becomes a vertical media experience.

With dual large-scale screens crowning the structure and two additional integrated displays along its height, it commands attention and transforms its surroundings into a living stage. It does not merely occupy the site, it defines it.

Perfectly suited to high-energy environments such as racetrack centers and major event venues, it unites architectural presence with digital performance.

More than a tower, it becomes a bold media landmark.



FIMO EXPERTISE

- **Fully Customized Media Tower Solution**
- **Structural design optimized for large-scale digital displays**
- **Dual display system: top-mounted screen + vertical shaft screens (front and rear)**
- **Designed for high-intensity event environments**
- **Integrated structural and media engineering to ensure stability and maximum visual impact**

BEYOND LIMITS

EXCEPTIONAL PROJECTS AND SITES

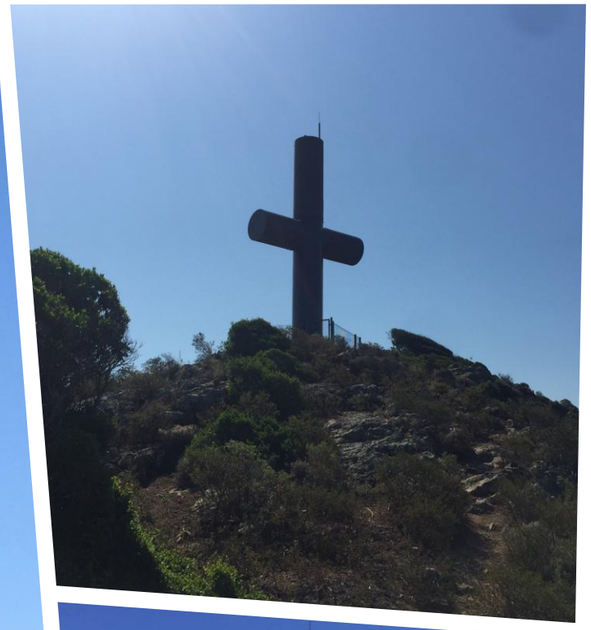
AT FIMO, EVERY RADIO INTEGRATION PROJECT IS CUSTOM-DESIGNED TO COMBINE TECHNICAL PERFORMANCE WITH SEAMLESS ENVIRONMENTAL INTEGRATION.

DO YOU HAVE AN OUT-OF-THE-ORDINARY PROJECT?

CONTACT YOUR SALES REPRESENTATIVE

BEYOND LIMITS

EXCEPTIONAL PROJECTS AND SITES



WATCH THE VIDEO!

IDEAL SOLUTIONS FOR COMBINING NETWORK PERFORMANCE WITH ARCHITECTURAL DISCRETION AND LOCAL ACCEPTANCE.

DO YOU HAVE AN OUT-OF-THE-ORDINARY PROJECT?

CONTACT YOUR SALES REPRESENTATIVE

4

MOBILE & TEMPORARY DEPLOYMENT

FAST INSTALLATION AND MAXIMUM FLEXIBILITY

MOBILE UNITS

TEMPORARY TOWERS

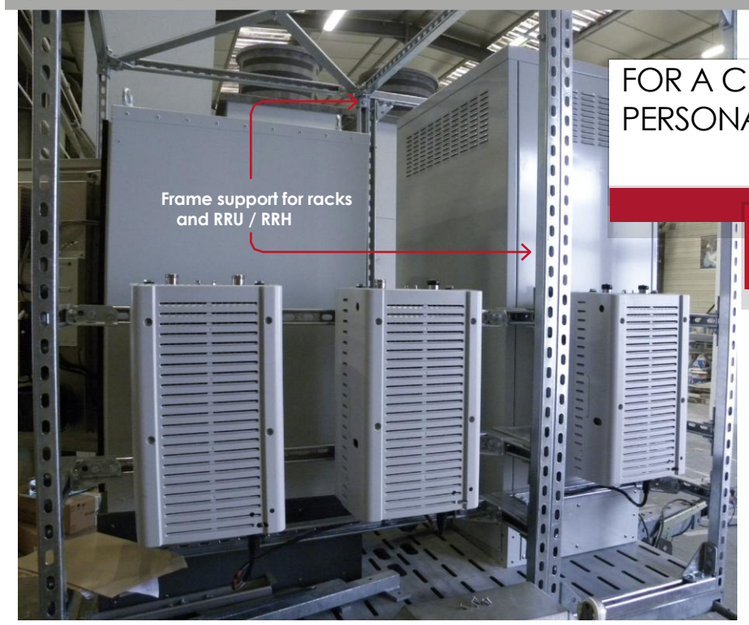
MOBILE UNITS

MOBILE CAPACITY EXPANSION TRAILER

Designed for mobility, fast deployment, and operational efficiency, it delivers a reliable solution to address immediate network capacity needs.

Respond instantly to field demands

CHARACTERISTICS



FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

The mobile technical trailer is an agile solution designed for temporary network capacity expansion.

Equipped with a structural frame for the integration of equipment cabinets and radio units (RRU/RRH), it can be strategically positioned near a temporary tower to handle traffic spikes caused by events, public gatherings, or seasonal network congestion.

FIMO EXPERTISE

- Mobile technical trailer dedicated to temporary deployment scenarios
- Integrated support frame for equipment racks and RRU/RRH units
- Weather-resistant tarpaulin enclosure with zippered front access
- Fast deployment adjacent to a temporary tower
- Ideal solution for traffic peaks and short-term event capacity needs

MOBILE UNITS

COMPLETE MOBILE STATION

A Complete Network Site. Anywhere. Instantly.

The trailer-mounted mobile network station allows the rapid relocation and temporary deployment of a complete telecom site in a compact, ready-to-operate configuration.

Equipment cabinets and radio units (RRU/RRH) are secured directly to the chassis, while an antenna is deployed on an integrated mast. The system is protected by a weather-resistant technical tarpaulin with zippered openings on all four sides, ensuring both equipment protection and easy maintenance access.

Engineered for temporary capacity reinforcement, it delivers a reliable and instantly operational solution for events, emergency coverage, or short-term network demand.

Standalone infrastructure

Simplified operations

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

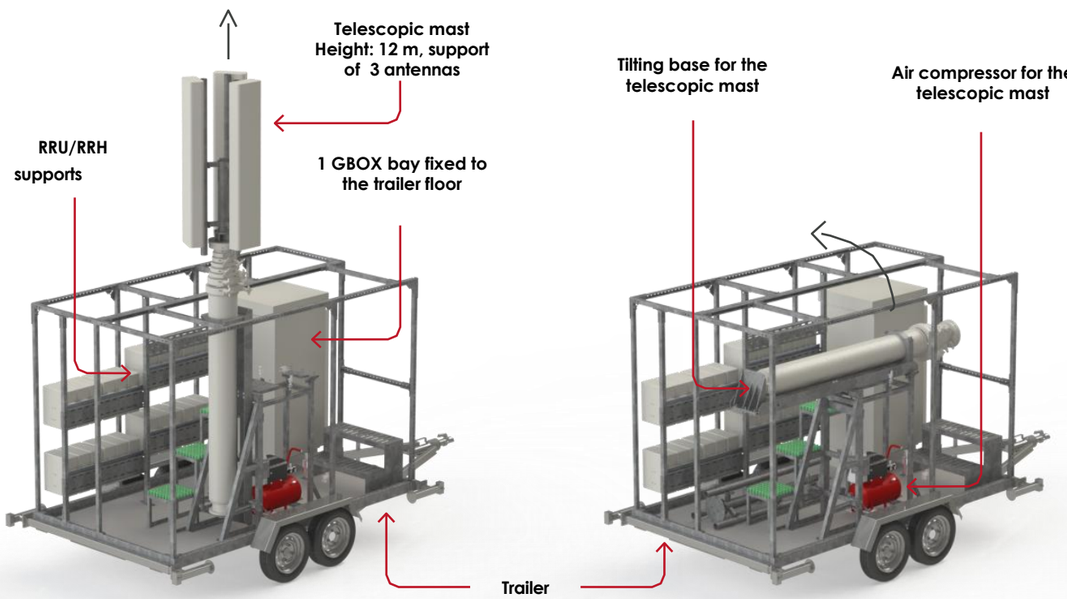
- Fully equipped trailer for complete telecom equipment deployment
- Equipment racks and RRU/RRH modules secured to the reinforced chassis
- Antenna deployed on a mast integrated into the structure
- Protected by a technical tarpaulin with zippered access on all four sides
- Ideal solution for temporary capacity reinforcement or event-based deployments

MOBILE UNITS

MOBILE STATION – 12 M TELESCOPIC MAST

Turn a trailer into a high-performance network site. Instantly.

CHARACTERISTICS



Vertical deployment configuration

Compact transport configuration

This mobile network station integrates a 12-meter pneumatic telescopic mast capable of supporting up to three antennas, providing a complete temporary elevated coverage solution.

The integrated tilting system allows the structure to transition from a compact transport configuration to a fully vertical deployment configuration through a controlled and simplified process. Stability in the deployed position is ensured by guy wires, guaranteeing safe and reliable operation in the field.

The structure is protected by a full technical tarpaulin featuring zippered openings on all four sides, along with an upper access opening for antenna routing.

Customizable with operator branding or event-specific graphics, the structure combines network performance, logistical efficiency, and controlled visual integration.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- 12 m telescopic pneumatic mast supporting up to 3 antennas
- Integrated tilt system for compact transport and vertical deployment
- Secure stabilization in raised position with guy wires
- Protection with technical tarpaulin featuring zip access on all 4 sides
- Customizable technical tarpaulin (logo, visual identity)

MOBILE UNITS

HIGH-CAPACITY TRAILER - 25 / 30 M

Strategic Mobility. Uncompromised Performance.

Engineered for emergency response and temporary network capacity reinforcement, the FIMO telescopic tower trailer delivers an agile, autonomous deployment solution ready for global operations.

Mounted on retractable stabilizers and available in towable or fixed versions, it adapts seamlessly to regulatory constraints and field conditions. Its enclosed technical compartment safely houses radio cabinets and the power distribution system, while the integrated generator guarantees immediate service continuity.

In the event of climate disasters, remote-area connectivity needs, network maintenance operations, or major events, this solution enables a fully operational telecom site to be deployed in half a day by just two operators.
Robust. Modular. Autonomous.

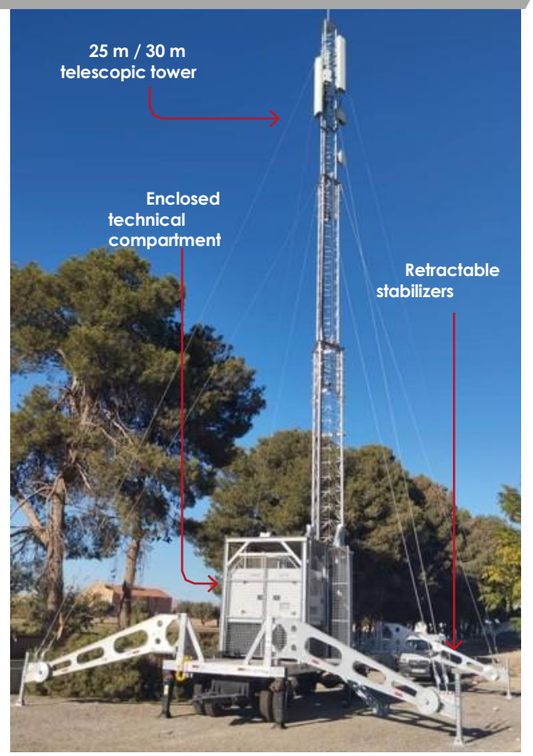
A Mobile infrastructure solution ready to be deployed anywhere in the world.

Transport configuration

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

CHARACTERISTICS



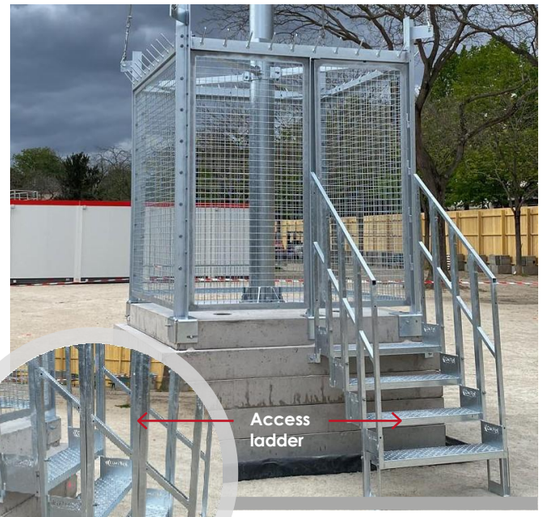
FIMO EXPERTISE

- **» 25 m / 30 m telescopic tower with retractable stabilizing legs**
- **» Rapid deployment in half a day by two technicians**
- **» Integrated generator system with optional battery storage and solar power modules**
- **» Wind load resistance up to 180 km/h (8 m² exposed surface)**
- **» Full 3-day training covering installation and system commissioning**

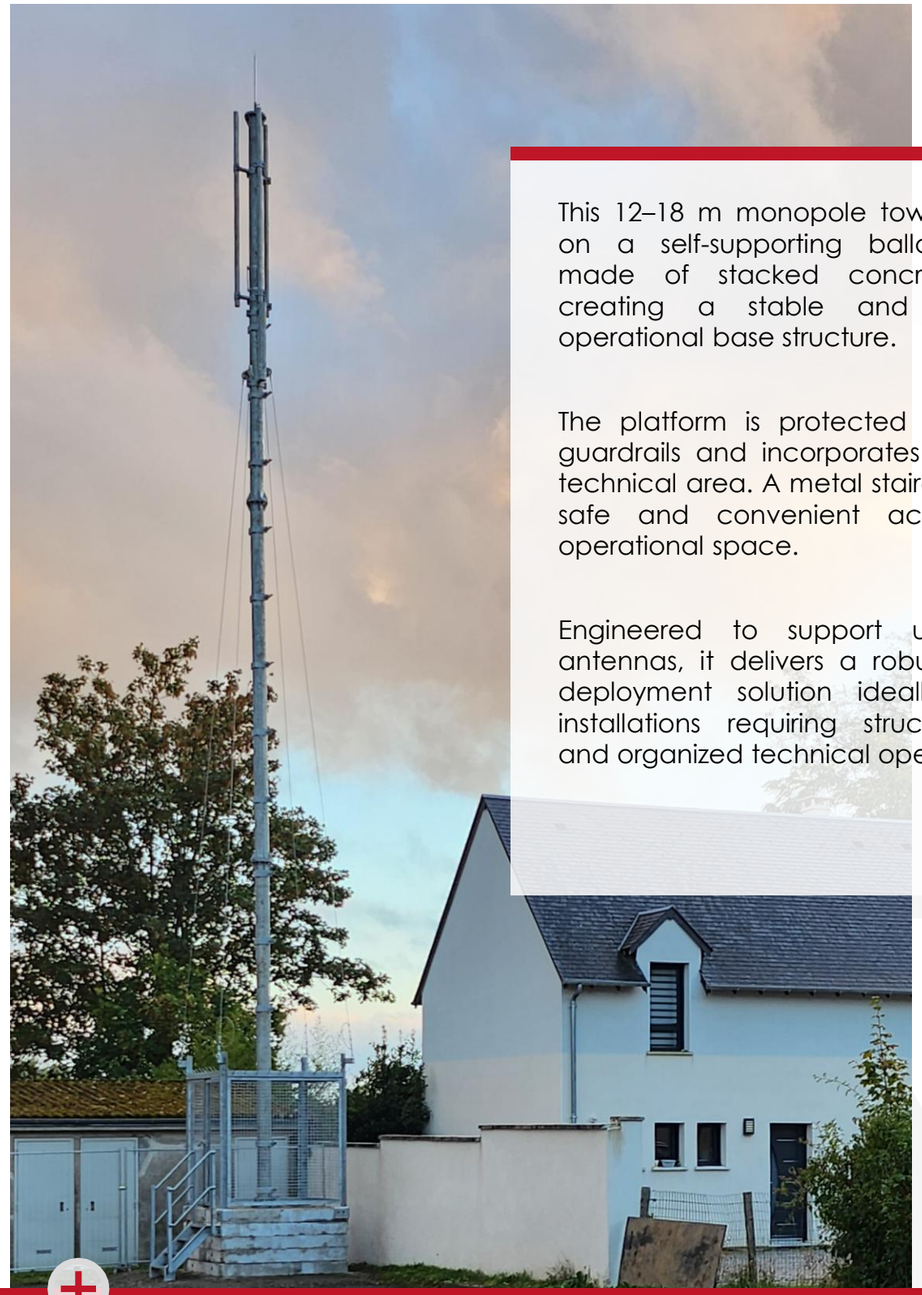
TEMPORARY PYLONS

COMPACT SOLUTION – CONCRETE BALLAST

Temporary Infrastructure. Permanent-Level Standards.



CHARACTERISTICS



This 12–18 m monopole tower is installed on a self-supporting ballasted chassis made of stacked concrete weights, creating a stable and immediately operational base structure.

The platform is protected by perimeter guardrails and incorporates an elevated technical area. A metal staircase provides safe and convenient access to the operational space.

Engineered to support up to three antennas, it delivers a robust temporary deployment solution ideally suited for installations requiring structural stability and organized technical operations

FIMO EXPERTISE

» 12–18 m monopole tower installed on a self-supporting ballasted chassis
» Stacked concrete ballast blocks ensuring stability without heavy foundations
» Secured technical platform with metal guardrails (ground footprint: 5 m²)
» Access via dedicated steel staircase
» Supports up to three panel antennas + one microwave link (MW)

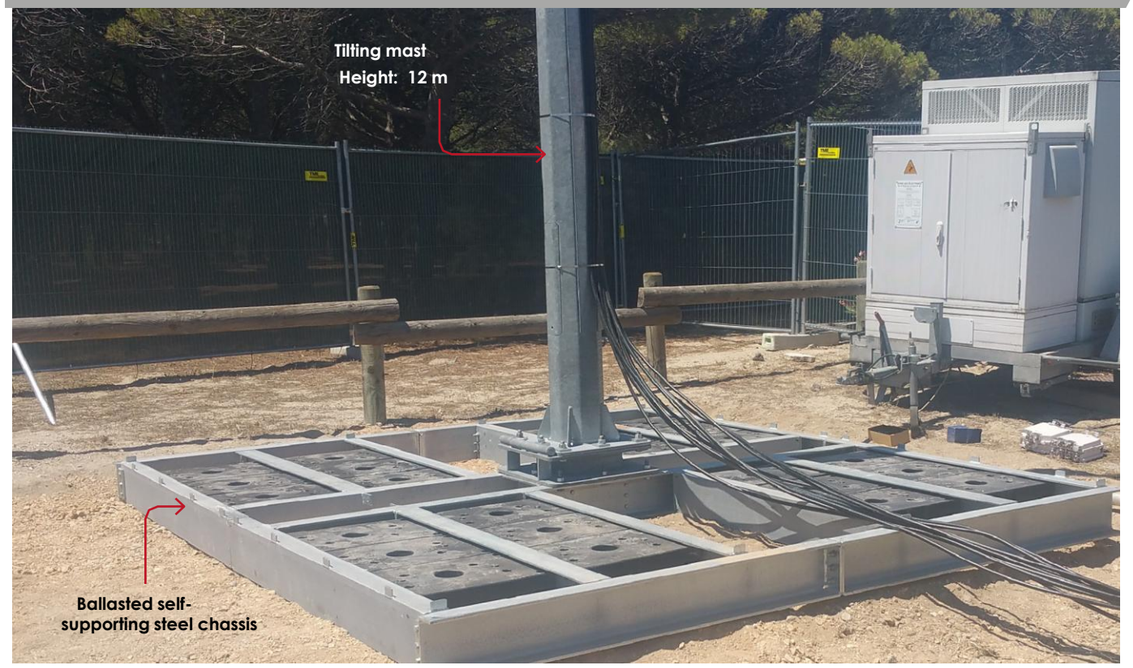
TEMPORARY PYLONS

TILTING MAST SOLUTION

Self-stable chassis

Simplified maintenance

CHARACTERISTICS



This 12-meter monopole mast is mounted on a self-supporting chassis combining a steel structure, interlocking ballast weights, and grating decking, ensuring stability and compactness.

Its distinctive feature lies in its tilting upper section: the mast can be inclined to lower the antenna to the ground, greatly simplifying installation and maintenance operations.

Designed to enhance operational safety while maintaining rapid deployment, it provides a particularly effective solution for temporary installations requiring flexibility and accessibility.

FIMO EXPERTISE

» Monopole tower on a self-supporting chassis — height up to 12 m
» Steel frame with interlocking ballast weights and grated platform
» Tilting upper section allowing antenna lowering for ground-level access
» Simplified installation and maintenance performed from ground level
» Compact solution designed for temporary deployments

TEMPORARY PYLONS

SEMI-PERMANENT SOLUTION – CONCRETE SLABS

Instant Stability. Flexible Deployment.

Designed for medium-term transitional needs, the FIMO semi-temporary tower combines rapid deployment with secure anchoring without requiring heavy foundations.

Mounted on a self-stable base composed of a steel chassis and concrete slabs, it can be installed without complex civil engineering. This configuration ensures excellent stability while preserving full site reversibility.

Available in customizable colors, it integrates coherently into its environment, whether urban, industrial, or event-driven.

A flexible, robust, and immediately operational solution.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

CHARACTERISTICS

FIMO EXPERTISE

- » Self-supporting base with steel chassis and concrete slabs
- » Installation without heavy foundations
- » Dismountable and reversible solution — height up to 30 m (greater heights upon study)
- » Rapid commissioning and operational readiness
- » Customizable color for seamless environmental integration

TEMPORARY PYLONS

SEMI-PERMANENT SOLUTION – GRAVEL BASE

Secure Autonomy. Ready to Operate.

Designed for temporary installations requiring both structural stability and perimeter protection, this semi-temporary tower is mounted on a self-supporting base composed of a steel chassis ballasted with gravel.

Without the need for heavy foundations, installation remains rapid and reversible while maintaining a stable base. The platform is fully secured by a perimeter metal fence with an integrated access gate, ensuring protection of the equipment and controlled maintenance access.

Offered in customizable finishes, the structure blends into its environment while preserving a refined and controlled visual presence.

A secure and reliable solution ready for immediate operation.

FIMO EXPERTISE

- **Self-supporting base combining a steel chassis and gravel ballast**
- **Perimeter fencing with integrated access gate**
- **Installation without heavy civil works**
- **Dismountable and reversible solution**
- **Customizable finish for seamless integration with the environment**

5

STEALTH TREE PYLONS

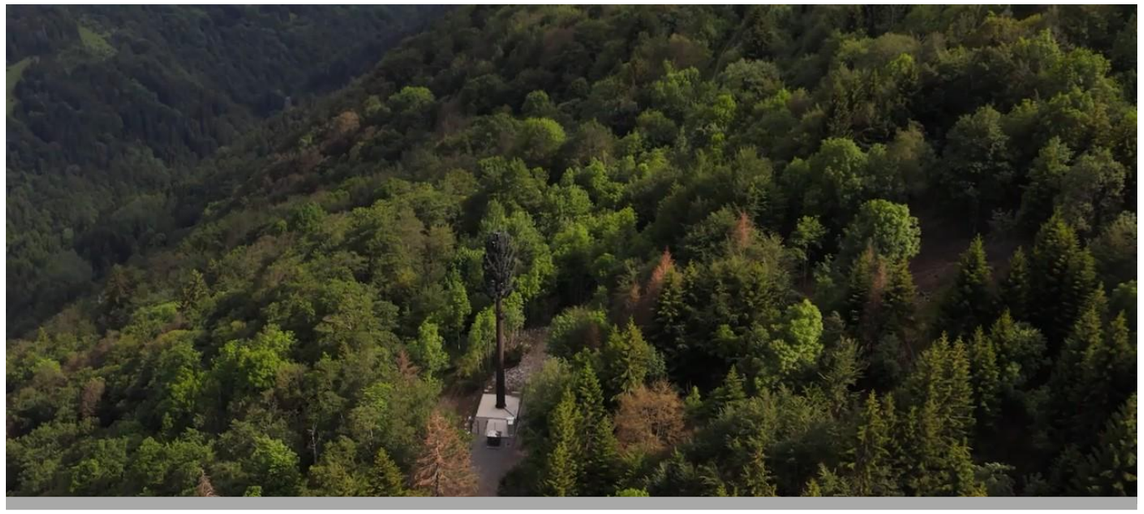
DISCREET SOLUTIONS

KARBRE

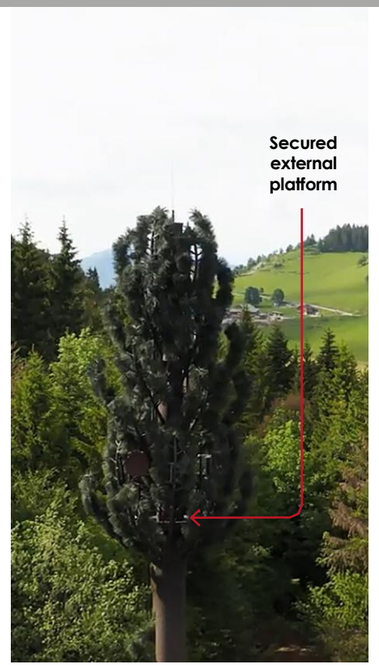
PINE TREE PYLON

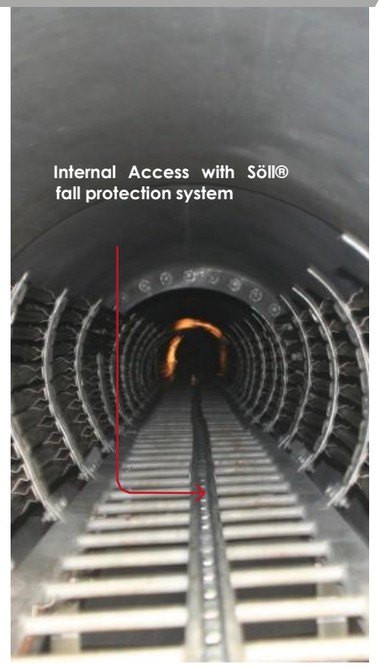
GARANTIE 20 ANS - ÉCORCE ET BRANCHES

Technical performance, naturally



CHARACTERISTICS





KARBRE represents our premium vision of the pine-style stealth tree tower. Its elegant silhouette, textured bark finish, and high UV-resistance branches reflect meticulous attention to detail bringing together refined landscape integration and structural excellence.

Designed to accommodate up to four operators, KARBRE ensures clear level organization, optimized safety, and rapid installation.

As the flagship solution of the range, it combines visual realism, proven robustness, scalability, and operational efficiency.

FIMO EXPERTISE

- Wind tunnel tests performed at CSTB under DEKRA supervision
- Multi-operator integration with up to three dedicated levels
- External service platform with collective protection and Söll® fall arrest system
- PIM risk mitigation ensuring optimized radio performance
- Turnkey delivery: structural calculations (tower and foundation), transport, and installation included

KARBRE

AT FIMO EVERY PROJECT IS CUSTOM-DESIGNED TO COMBINE TECHNICAL PERFORMANCE WITH SEAMLESS ENVIRONMENTAL INTEGRATION

FOR A CUSTOM STUDY
OR PERSONALIZED
QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

OTHER PROJECTS

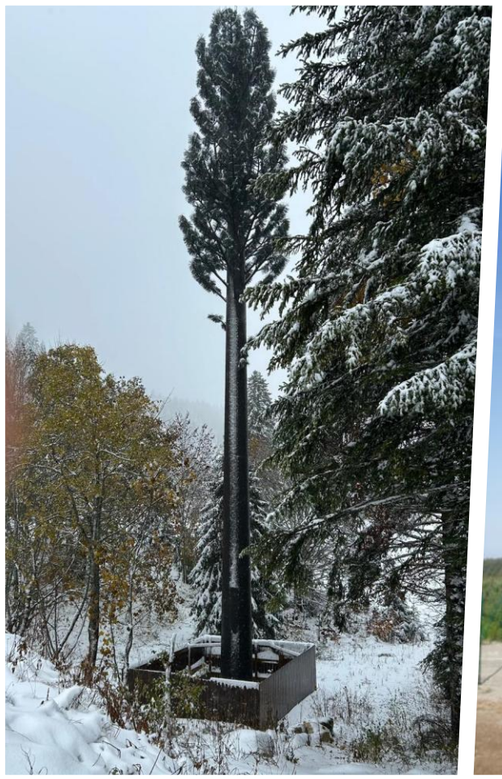
KARBRE

SOLUTIONS THAT COMBINE NETWORK PERFORMANCE,
ARCHITECTURAL DISCRETION, AND COMMUNITY ACCEPTANCE.

FOR
INFORMATION

CONTACT YOUR SALES REPRESENTATIVE

OTHER PROJECTS

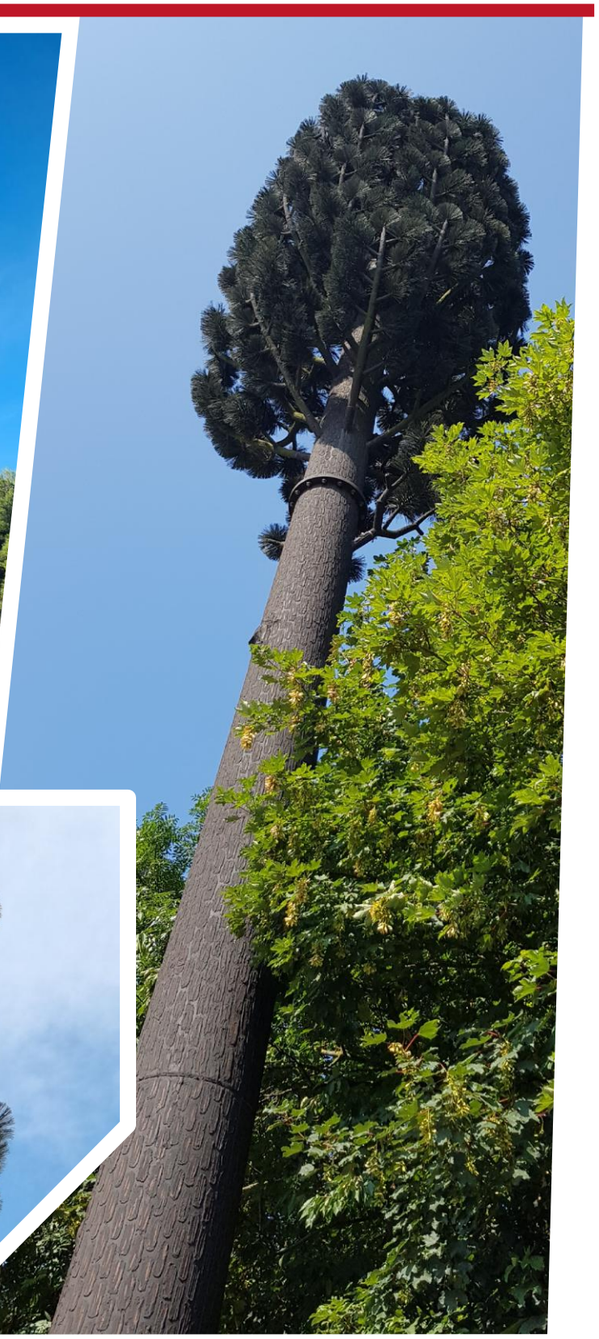


PINE – LIFT ACCESS MODEL

DISCRETION AND EFFICIENCY

GARANTIE 20 ANS - ÉCORCE ET BRANCHES

Refined and seamless integration



With its slender profile, this fine-trunk pine is well suited to constrained sites while maintaining a convincing natural aesthetic.

Internal routing of coaxial cables preserves the tower's clean visual line. Equipment access is carried out using a lift platform.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- » Standard height from 9 m to 40 m
- » Resin trunk with brown finish
- » Compact structure supporting up to 6 panel antennas
- » Internal cable routing
- » Rapid installation in 2 days

SEKOIA

SEQUOIA TREE PYLON

GARANTIE 20 ANS - ÉCORCE ET BRANCHES

Majestic height, seamless integration

Inspired by the great sequoias, SEKOIA offers a strong and harmonious presence. Its slender height meets demanding coverage requirements while maintaining elegant landscape integration.

Designed for long-term performance, it combines a robust structure, secure internal access, and optimal conditions for maintenance operations.

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

» Standard height from 9 m to 40 m
» Resin trunk with brown finish
» Compact structure supporting up to 6 panel antennas
» Internal cable routing
» Rapid installation in 2 days

KUPRESSUS

CYPRESS TREE PYLON

Elegance in the heart of dense urban environments

CHARACTERISTICS

Inspired by the cypress, KUPRESSUS presents a slender, elegant vertical profile. It blends naturally into residential or heritage landscapes where discretion is essential.

Its design ensures efficient integration of telecom equipment while preserving a clean and understated architectural line.

FOR A CUSTOM STUDY OR A PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- **Standard height from 12 to 24 m (greater heights available upon request)**
- **Supports up to 6 panel antennas**
- **Durable and weather-resistant resin structure**
- **Simplified access via lift platform**
- **Installation completed in 2 days thanks to factory pre-assembly**

PROVENCE CYPRESS

AUTHENTICITY AND DISCRETION

Iconic Southern landscape integration

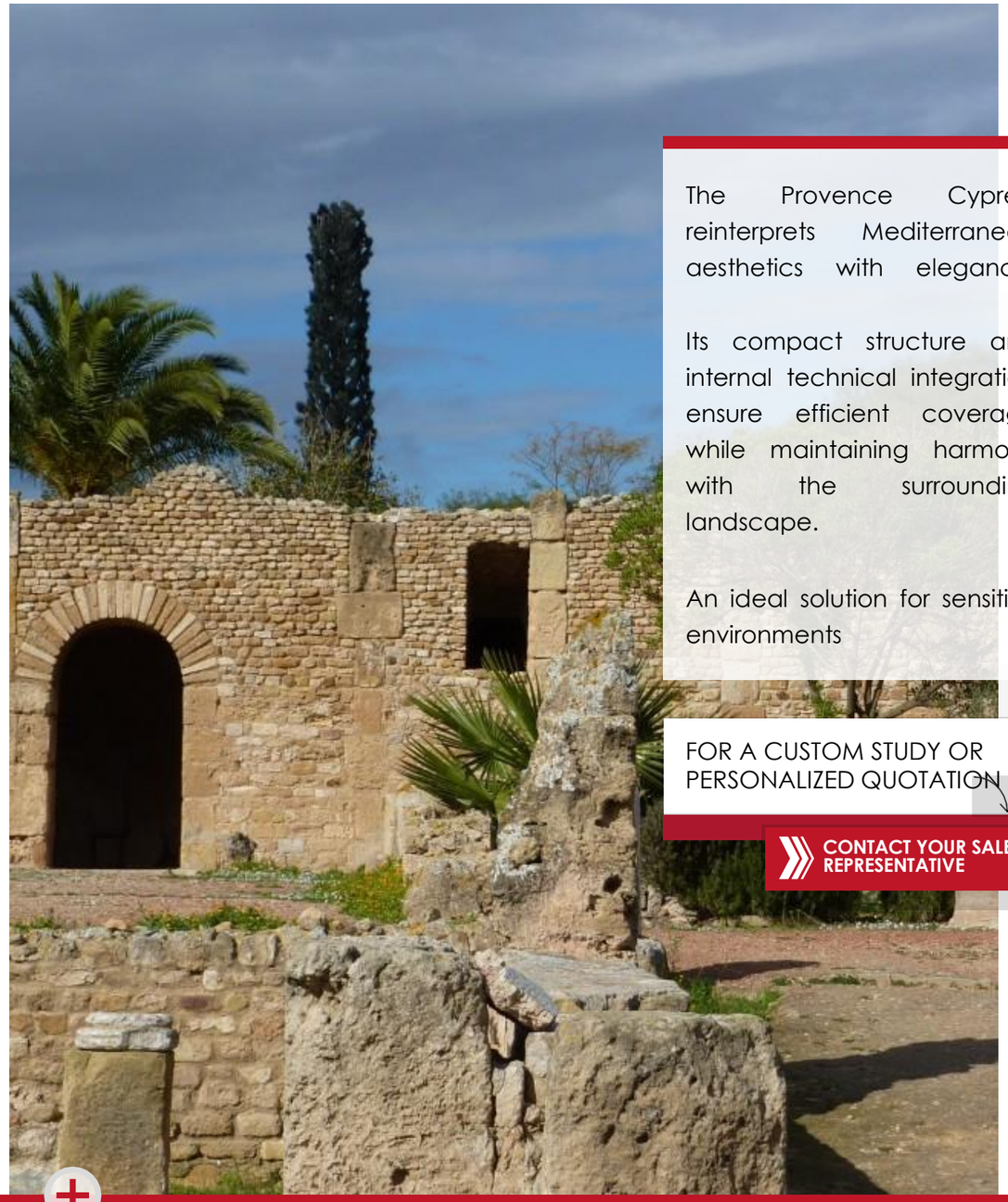
The Provence Cypress reinterprets Mediterranean aesthetics with elegance.

Its compact structure and internal technical integration ensure efficient coverage while maintaining harmony with the surrounding landscape.

An ideal solution for sensitive environments

FOR A CUSTOM STUDY OR PERSONALIZED QUOTATION

CONTACT YOUR SALES REPRESENTATIVE



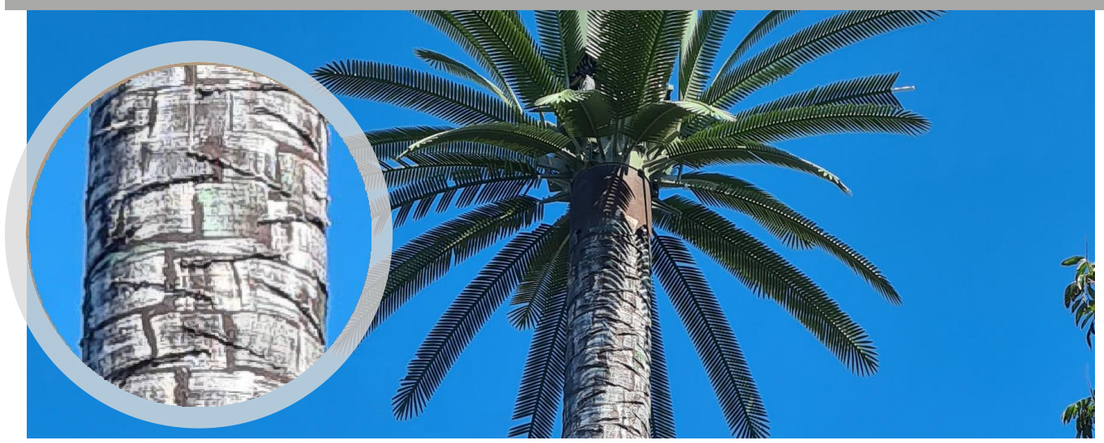
FIMO EXPERTISE

- Standard height from 9 m to 20 m (greater heights available upon request)
- Slim resin trunk with brown finish
- Supports up to 6 panel antennas
- Internal coaxial cable routing
- Access via lift platform

ROYAL PALM

PALM TREE PYLON

Exotic signature, proven performance



The Royal Palm expresses a strong visual identity.

Ideally suited for coastal environments, it can also be deployed wherever similar vegetation develops. It combines iconic aesthetics with proven technical performance.

Its secure top platform, combined with optional fall protection systems, makes it a complete solution ready to address operational requirements.

FOR A CUSTOM STUDY
OR PERSONALIZED
QUOTATION

CONTACT YOUR SALES REPRESENTATIVE

FIMO EXPERTISE

- Standard height from 10–40 m (extended heights available upon engineering study)
- Secure work platform
- Protecta® or Söll® fall protection systems (optional)
- Supports up to 6 GSM panel antennas and one microwave link (MW)
- Robust design engineered for harsh or exposed environments

NOTES

NOTES

FIMO

Building Sustainable Innovation

 Publication 03/2026

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