Official representative of GIFAS Electric GmbH in Estonia

CAMPETTO and PIAZZA
Selection guide

Underfloor and underground distribution systems

Prepared by Tarmo Riit | RIIT Agency | 5 November 2026

Use this guide to shortlist a system for your site, identify necessary options and prepare a project enquiry. Follow Steps 1 to 4 in order. The result is a preliminary recommendation for technical confirmation, not a final product specification.

Start by describing how the site will be used. The visual GIFAS overview on the next page helps you compare product families and load classes. Then continue with the required utility connections and installation and environmental conditions on the following pages.

1 Match the solution to the site

Describe the installation area and all possible traffic, including maintenance, delivery and emergency vehicles. Have the project designer confirm the required class before choosing a model. The visual overview on the next page shows model options by load class. [1-7]

Site information	Decision or information to provide
Traffic and loading	Describe pedestrian, maintenance, delivery and emergency traffic. The designer confirms the required class. Use the visual model overview on the next page to identify candidate models.
Surface finish	Specify paving, natural stone, asphalt or other finish, including thickness and fill weight. Confirm the cover version and opening arrangement.
Installation space	Provide available depth and plan dimensions, supporting slab restrictions and the drainage concept.
Climate and water exposure	Describe winter use, snow and ice, flooding, groundwater, de-icing salt and coastal exposure. Check heating, drainage and protective options.
Required utility connections	Complete Step 3 for electrical power, data, water, wastewater, compressed air and simultaneous use. The connection layout determines size and configuration.
Operation with the lid closed	Specify connected cable and hose sizes, required access and traffic during operation. Confirm outlet protection and permissible loading.

Do not select by vehicle gross weight alone. A class designation and its kN value are not a vehicle weight limit. The installation, supporting structure and operating conditions must be assessed together. Forklifts, turning, braking and concentrated wheel loads require specific review.

2 Check whether the location is feasible

Drainage unresolved? Hold the selection until a drainage solution is agreed. GIFAS states that these covers are not watertight against surface water. [2-7]
Insufficient depth or a structural slab below? Obtain an installation drawing and a project-specific solution before proceeding.
Flooding, high groundwater or aggressive exposure? Refer the site conditions to GIFAS before selecting protective options.

GIFAS underfloor distributor model overview

Model size

Load class

Load class	PICCOLINO 120	RETRANT	CAMPETTO V	CAMPETTO VII
A15 15 kN Pedestrians, cyclists, green areas				
B125 125 kN Pedestrians, parking spaces, vans			 CAMPETTO VI	 CAMPETTO VIII
C250 250 kN Kerbs, hard shoulders, parking spaces	 PICCOLINO 200		 CAMPETTO VI	
D400 400 kN Roads, pedestrian zones, parking spaces			 PIAZZA 800	 PIAZZA 1000
F900 900 kN Flight operation areas, ports			 PIAZZA 2000	

CAMPETTO VI is available with the C250 option. CAMPETTO VIII is B125 only.
Select the load class according to the actual installation and operating conditions.

Source GIFAS Underfloor distributors, p. 66. | RIIT Agency | 05.11.2026

Select the required services

3 Decide which utility connections are needed

Start with electrical power only or power plus data and communications. Add water, wastewater and compressed air as required. If no electrical supply is needed, specify a services-only configuration for GIFAS review. Multiple services may be requested; availability and compatibility must be confirmed for the selected model. [1-7]

Required service	Information to provide	How this affects selection
Electrical power only	Socket types, quantities, voltage and rated current; total simultaneous demand and supply cable details.	Define the electrical distributor layout. The electrical designer specifies supply and protection; GIFAS confirms fit and configuration.
Electrical power plus data and communications	Electrical requirements above, plus copper/fibre, network, audio or other signal connections and quantities.	Check connector space, routing and separation from power. Do not select by load class alone.
Water supply	Drinking or non-potable water; connection size, pressure, flow, coupling and seasonal or year-round use.	Request a suitable water arrangement. Confirm hygiene/backflow provisions and freeze protection with the designers and GIFAS.
Wastewater discharge	Wastewater type, expected flow, connection size and available outlet level; gravity discharge or pumping proposal.	Confirm feasibility and space for the discharge arrangement. Keep wastewater separate from the pit drainage function.
Compressed air	Working pressure, required flow, coupling type and air quality requirements.	Confirm suitable fittings, routing and available space within the chosen system.
Combination of services	List every required service and quantity; identify those used at the same time. Provide cable and hose sizes.	GIFAS confirms separation, access and compatible layout. If space is insufficient, review a larger model within the required load class or separate service points.

Decisions before confirming the model

Simultaneous use: Will all services operate together, or will connections be used separately?
Closed lid: Must the lid close with all required cables and hoses connected? Check outlets, bend radii and protection.
Winter operation: Are water and wastewater required in freezing conditions? Obtain a specific frost-protection and winterisation arrangement.
Available space: Can the required connections, separation and service access fit in the shortlisted model?

Selection rule
Load class defines the structural shortlist. Required services and their layout then determine the suitable size and configuration. A services combination is a request for technical confirmation, not an automatic guarantee of availability.

Configure the system

4 Match the options to the site

Site condition or requirement	Selection action
Paving, natural stone, asphalt or another surface finish	Request a compatible cover. Specify material, thickness and total fill weight. Confirm permitted fill build-up and gas spring selection; tray depth is not automatically the permissible paving thickness.
Winter access or operation	Request assessment of lid heating. CAMPETTO heating is listed as optional; PIAZZA 800 and 1000 list lid heating as included. Confirm the quoted scope. A published low-temperature statement does not establish that an unheated lid will open when iced. [2-7]
Rain, snowmelt, washdown or standing water	Define surface falls and drainage discharge. For indoor areas also describe cleaning methods. Do not infer whole-system water protection from an individual socket IP rating. [2-7]
Flood risk or high groundwater	Ask GIFAS whether an immersion bell or a different solution is suitable. Confirm protected components, water level, duration and operating restrictions. Do not treat this option as a substitute for drainage. [1]
Coastal location, de-icing salt or chemicals	Describe exposure and cleaning conditions. Ask GIFAS to confirm suitable materials, corrosion protection and maintenance requirements.
Use with the lid closed and cables connected	Provide cable diameters and quantities. Confirm outlet size, cable protection, pedestrian access and permissible traffic in the actual operating configuration. C-Safe is an available option subject to model suitability. [1]
Selected utility connections	Carry forward the service schedule from Step 3. Confirm that the model and options accommodate all services, simultaneous use and access for maintenance.

Project information to send with your enquiry

Site and use: project name, location, indoor/outdoor use, number of units and site plan.
Traffic: required class or traffic description; include service vehicles and special loads.
Construction: surface finish and thickness, available depth, slab restrictions and drainage concept.
Environment: winter use, flood level/duration if known, groundwater, salt and chemical exposure.
Connections: Step 3 service schedule, simultaneous demand, cable/hose sizes and use with lid closed.
Delivery: design stage, planned installation date and required drawings or tender information.

Your preliminary selection record
Candidate model and load class: _____
Selected services: _____
Required options: _____
Items requiring technical confirmation: _____

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Source register

Technical information and product drawings are available from GIFAS. Confirm the final configuration with RIIT Agency and GIFAS before ordering.

[1] Range overview: https://www.gifas.de/en/underfloor-distributors/
[2] CAMPETTO 5: https://www.gifas.de/en/underfloor-distributors/campetto-5/
[3] CAMPETTO 6: https://www.gifas.de/en/underfloor-distributors/campetto-6/
[4] CAMPETTO 7: https://www.gifas.de/en/underfloor-distributors/campetto-7/
[5] CAMPETTO 8: https://www.gifas.de/en/underfloor-distributors/campetto-8/
[6] PIAZZA 800: https://www.gifas.de/en/underfloor-distributors/piazza-800/
[7] PIAZZA 1000: https://www.gifas.de/en/underfloor-distributors/piazza-1000/