



PELI™

DRONE CASES CATALOGUE



Industries we serve



Public Safety



Defence & Security



Inspection



Emergency Rescue



Agriculture



Construction



Maritime OPS



Broadcast



Drone operations require the safe transport, storage and deployment of sensitive and high-value equipment. From complete UAS and C-UAS systems to Ground Control Stations (GCS), sensors and support equipment, each component must be protected against impact, environmental exposure and handling risks.

For over 50 years, Pelii has developed engineered transport solutions that support the complete drone workflow, ensuring equipment remains secure, organised and accessible in operational environments.

Built to Protect to Equip for the Mission.

Our portfolio includes lightweight cases for mobile applications, heavy-duty containers for large UAV platforms and fully customised systems tailored to specific operational requirements. Each solution is designed to deliver reliable protection, operational efficiency and readiness in the field.

DRONE SOLUTIONS

Mobile Drone Transport Systems 4-9

Large-Scale UAV Transport Systems 10-11

Bespoke UAV Protection Solutions 12-15

Mission-Ready Mobility

Injection-moulded protective cases safeguard high-value drone payloads, sensors and mission-critical components during transport and deployment. From LiDAR and thermal cameras to RTK/GNSS systems and precision optics, these elements require reliable protection against impact, vibration and environmental exposure.

Engineered for repeated use, Peli injection-moulded case platforms reduce the risk of damage and downtime across drone operations. Their rugged construction supports transport by road, air or sea and withstands dust, moisture, salt exposure and extreme temperatures. With a wide range of sizes, they enable standardised loadouts across teams, improving workflows and total cost of ownership over time.



This is a selection of cases only; explore the full range at peli.com.

P 1030 MICRO CASE



INTERNAL DIMS:
16.2 x 6.7 x 5.2 cm
(6.37" x 2.62" x 2.06")

EXTERNAL DIMS:
19.1 x 9.8 x 6.2 cm
(7.50" x 3.87" x 2.43")

LID/BOTTOM DEPTH:
1.8 cm / 3.2 cm
(0.69" / 1.25")

WEIGHT:
0.28 kg (0.61 lbs) WITH FOAM
0.27 kg (0.6 lbs) NO FOAM



P 1300



INTERNAL DIMS:
23.3 x 17.8 x 15.6 cm
(9.17" x 7.00" x 6.12")

EXTERNAL DIMS:
27.2 x 24.8 x 17.5 cm
(10.62" x 9.68" x 6.87")

LID/BOTTOM DEPTH:
3 cm / 12.6 cm
(1.18" / 6.11")

WEIGHT:
1.6 kg (3.53 lbs) WITH FOAM
1.4 kg (3.09 lbs) NO FOAM



S iM2275



INTERNAL DIMS:
35.9 x 33.5 x 25.1 cm
(14.12" x 13.19" x 9.90")

EXTERNAL DIMS:
38.7 x 39.4 x 26 cm
(15.25" x 15.50" x 10.22")

LID/BOTTOM DEPTH:
8.1 cm / 16 cm
(3.20" / 6.30")

WEIGHT:
4.65 kg (10.25 lbs) WITH FOAM
3.63 kg (8 lbs) NO FOAM



S iM2200



INTERNAL DIMS:
38.1 x 26.7 x 15.2 cm
(15.00" x 10.50" x 6.00")

EXTERNAL DIMS:
41.1 x 32.3 x 16.8 cm
(16.20" x 12.70" x 6.60")

LID/BOTTOM DEPTH:
5.1 cm / 10.2 cm
(2.00" / 4.00")

WEIGHT:
2.77 kg (6.1 lbs) WITH FOAM
2.22 kg (4.9 lbs) NO FOAM



A 1557



INTERNAL DIMS:
44 x 33 x 24.8 cm
(17.33 x 13.00 x 9.75")

EXTERNAL DIMS:
48.7 x 40.1 x 26.7 cm
(19.18 x 15.79 x 10.50")

LID/BOTTOM DEPTH:
5.1 cm / 19.6 cm
(2.00" / 7.70")

WEIGHT:
3.7 kg (8.20 lbs) WITH FOAM
3 kg (6.60 lbs) NO FOAM



S iM2450



INTERNAL DIMS:
45.7 x 33 x 21.3 cm
(18.00" x 13.00" x 8.40")

EXTERNAL DIMS:
48.8 x 38.6 x 22.9 cm
(19.20" x 15.20" x 9.00")

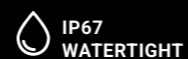
LID/BOTTOM DEPTH:
5.1 cm / 16.3 cm
(2.00" / 6.40")

WEIGHT:
4.04 kg (8.9 lbs) WITH FOAM
3.36 kg (7.4 lbs) NO FOAM



P PROTECTOR | A AIR | S STORM

ICONOGRAPHY



IP67 WATERTIGHT
Dustproof and waterproof up to depths of 1 meter for thirty minutes.



PRESS & PULL LATCHES
The Press & Pull latch is a unique latch that locks automatically, but opens with a light touch.



PANEL FRAME
This case can be adapted for use with an electronic interface panel.



45% DEEPER
With over 33 cm of depth, these cases have room for your deeper shaped equipment.



Note that the dimensions of some cases manufactured in Germany differ slightly from the equivalent cases manufactured in the US. Please review the case dimensions carefully before initiating any project.

*These colours are available upon minimum quantities, as well as other configurations. Check with your Customer Service representative for further details.

CASE CONTENTS NOT INCLUDED

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CASE CONTENTS NOT INCLUDED



P 1510  

INTERNAL DIMS:
50.2 x 27.9 x 19.3 cm
(19.75" x 11.00" x 7.60")

EXTERNAL DIMS:
55.9 x 35.1 x 22.9 cm
(22.00" x 13.81" x 9.00")

LID/BOTTOM DEPTH:
4.5 cm / 14.7 cm
(1.79" / 5.79")

WEIGHT:
6.2 kg (13.60 lbs) WITH FOAM
5.4 kg (11.99 lbs) NO FOAM

*




A 1607    

INTERNAL DIMS:
53.5 x 40.2 x 29.5 cm
(21.05" x 15.81" x 11.63")

EXTERNAL DIMS:
61.3 x 47.8 x 33.7 cm
(24.13" x 18.80" x 13.25")

LID/BOTTOM DEPTH:
5.1 cm / 24.2 cm
2" / 9.6"

WEIGHT (EMPTY):
7.3 kg (16.10 lbs) WITH FOAM
6.0 kg (13.20 lbs) NO FOAM






S iM3075   

INTERNAL DIMS:
75.7 x 52.8 x 45.2 cm
(29.80" x 20.80" x 17.80")

EXTERNAL DIMS:
84.6 x 62 x 49 cm
(33.30" x 24.40" x 19.30")

LID/BOTTOM DEPTH:
10.2 cm / 34.9 cm
(4.00" / 13.75")

WEIGHT:
20.41 kg (45 lbs) WITH FOAM
14.29 kg (31.5 lbs) NO FOAM





A 1646   

INTERNAL DIMS:
81.4 x 40.3 x 34.1 cm
(32.06" x 15.87" x 13.42")

EXTERNAL DIMS:
89.6 x 48.3 x 38.3 cm
(35.29" x 19.00" x 15.08")

LID/BOTTOM DEPTH:
5 cm / 29.1 cm
(1.98" / 11.44")

WEIGHT (EMPTY):
11.7 kg (25.70 lbs) WITH FOAM
9.3 kg (20.50 lbs) NO FOAM





Portable GCS Solutions

A large selection of cases can be adapted for use as a ground control station with electronic interface panels by using a panel frame or Bezel Kit. Pre-drilled holes and stainless steel screws make fabricating a custom ground control station case a fast and accurate proposition.



S iM2750   

INTERNAL DIMS:
55.9 x 43.2 x 32.3 cm
(22.00" x 17.00" x 12.70")

EXTERNAL DIMS:
62.5 x 50 x 36.6 cm
(24.60" x 19.70" x 14.40")

LID/BOTTOM DEPTH:
5.1 cm / 27.2 cm
(2.00" / 10.70")

WEIGHT:
10.61 kg (23.4 lbs) WITH FOAM
8.39 kg (18.5 lbs) NO FOAM






A 1637    

INTERNAL DIMS:
59.5 x 44.6 x 33.7 cm
(23.43" x 17.55" x 13.25")

EXTERNAL DIMS:
67.6 x 52.5 x 37.8 cm
(26.61" x 20.65" x 14.87")

LID/BOTTOM DEPTH:
5.1 cm / 28.4 cm
(2" / 11.2")

WEIGHT (EMPTY):
8.8 kg (19.40 lbs) WITH FOAM
6.9 kg (15.20 lbs) NO FOAM






P 0500 

INTERNAL DIMS:
88.8 x 46.9 x 64.1 cm
(34.95" x 18.45" x 25.25")

EXTERNAL DIMS:
101.5 x 59.6 x 72.8 cm
(39.95" x 23.45" x 28.65")

LID/BOTTOM DEPTH:
5.7 cm / 58.4 cm
(2.25" / 23.00")

WEIGHT:
26.58 kg (58.6 lbs) WITH FOAM
22.68 kg (50 lbs) NO FOAM





P 1640  

INTERNAL DIMS:
60.2 x 61 x 35.3 cm
(23.70" x 24.00" x 13.90")

EXTERNAL DIMS:
69.1 x 69.9 x 41.4 cm
(27.20" x 27.50" x 16.30")

LID/BOTTOM DEPTH:
5.1 cm / 30.2 cm
(2.00" / 11.90")

WEIGHT:
17.24 kg (38 lbs) WITH FOAM
15.42 kg (34 lbs) NO FOAM



A 1626   

INTERNAL DIMS:
71.5 x 35.8 x 29.8 cm
(28.14" x 14.10" x 11.72")

EXTERNAL DIMS:
79 x 43.3 x 33.9 cm
(31.12" x 17.05" x 13.33")


LID/BOTTOM DEPTH:
5.1 cm / 24.7 cm
(2" / 9.72")


WEIGHT (EMPTY):
8.2 kg (18.10 lbs) WITH FOAM
6.6 kg (14.65 lbs) NO FOAM








P PROTECTOR | **A** AIR | **S** STORM **ICONOGRAPHY**

 **IP67 WATERTIGHT**
Dustproof and waterproof up to depths of 1 meter for thirty minutes.

 **PRESS & PULL LATCHES**
The Press & Pull latch is a unique latch that locks automatically, but opens with a light touch.

 **WHEELED CASE**
Quiet rolling stainless-steel bearing wheels.

 **45% DEEPER**
With over 33 cm of depth, these cases have room for your deeper shaped equipment.

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CASE CONTENTS NOT INCLUDED

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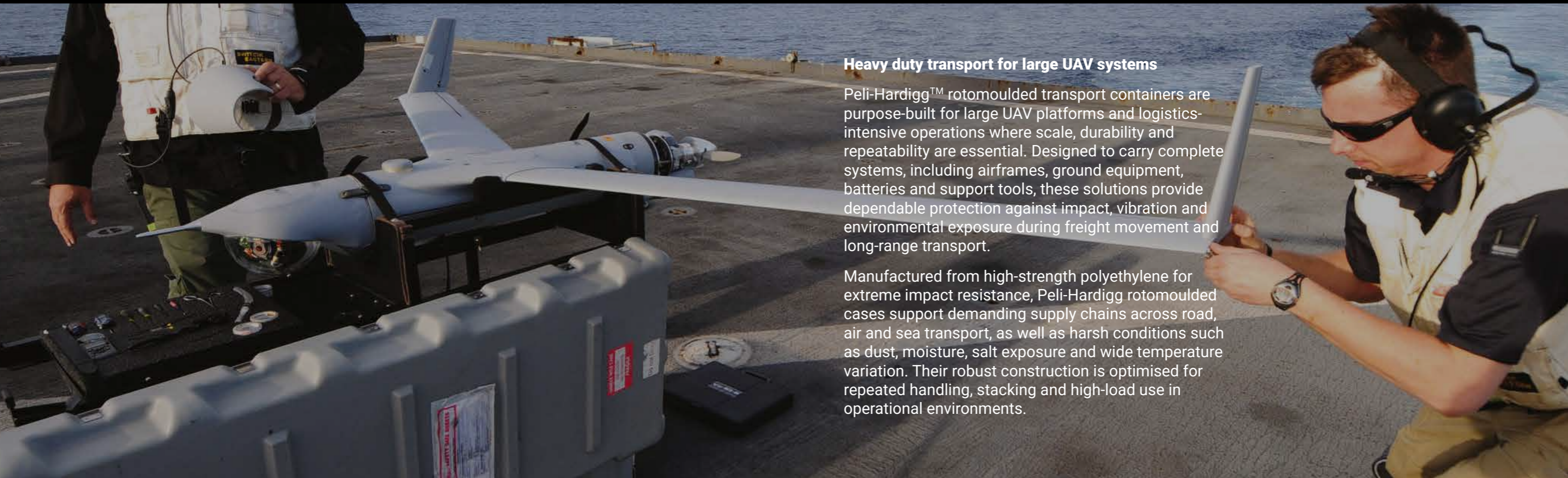
Specifications

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CAT. NO.	INTERIOR DIMENSIONS	EXTERIOR DIMENSIONS	LID DEPTH	BOTTOM DEPTH	WEIGHT WITH FOAM	WEIGHT WITHOUT FOAM	BUOYANCY MAXIMUM	TEMPERATURE RANGE (Min/Max)	CERTIFICATES	TREKPAK™	PADDED DIVIDERS	RUBBERISED HANDLES	PANEL FRAMES	PERSONALISED NAMEPLATE	LID ORGANISER	WHEELS	COLOURS	CAT. NO.
P 1030	16.2 x 6.7 x 5.2 cm	19.1 x 9.8 x 6.2 cm	1.8 cm	3.2 cm	0.28 kg	0.27 kg	0.45 kg	-23 / 93° C	IP67									1030
P 1300	23.3 x 17.8 x 15.6 cm	27.2 x 24.8 x 17.5 cm	3 cm	12.6 cm	1.6 kg	1.4 kg	5.6 kg	-40 / 99° C	IP67 • DEF STAN 81-42 • MIL-STD-810G				0					1300
S iM2275	35.9 x 33.5 x 25.1 cm	38.7 x 39.4 x 26 cm	8.1 cm	16 cm	4.65 kg	3.63 kg	31.2 kg	-29 / 60° C	IP67 • MIL-STD-810F • ATA 300 • FED-STD-101C	0	0							iM2275
S iM2200	38.1 x 26.7 x 15.2 cm	41.1 x 32.3 x 16.8 cm	5.1 cm	10.2 cm	2.77 kg	2.22 kg	20.03 kg	-29 / 60° C	IP67 • MIL-STD-810F • ATA 300 • FED-STD-101C	0	0		0					iM2200
A 1557	44 x 33 x 24.8 cm	48.7 x 40.1 x 26.7 cm	5.1 cm	19.6 cm	3.7 kg	3.0 kg	36.3 kg	-51 / 71° C	IP67 • DEF STAN 81-42	0	0	S		S				1557
S iM2450	45.7 x 33 x 21.3 cm	48.8 x 38.6 x 22.9 cm	5.1 cm	16.3 cm	4.04 kg	3.36 kg	28.86 kg	-29 / 60° C	IP67 • MIL-STD-810F • ATA 300 • FED-STD-101C	0								iM2450
P 1510	50.2 x 27.9 x 19.3 cm	55.9 x 35.1 x 22.9 cm	4.5 cm	14.7 cm	6.2 kg	5.4 kg	29.1 kg	-40 / 99° C	IP67 • DEF STAN 81-42 • MIL-STD-810G	0	0	S		0	0	S		1510
A 1607	53.5 x 40.2 x 29.5 cm	61.3 x 47.8 x 33.7 cm	5.1 cm	24.2 cm	7.3 kg	6 kg	80.7 kg	-51 / 71° C	IP67 • DEF STAN 81-42			S		S	S			1607
S iM2750	55.9 x 43.2 x 32.3 cm	62.5 x 50 x 36.6 cm	5.1 cm	27.2 cm	10.61 kg	8.39 kg	105.97 kg	-29 / 60° C	IP67 • MIL-STD-810F • ATA 300 • FED-STD-101C						S			iM2750
A 1637	59.5 x 44.6 x 33.7 cm	67.6 x 52.5 x 37.8 cm	5.1 cm	28.4 cm	8.8 kg	6.9 kg	94.8 kg	-51 / 71° C	IP67 • DEF STAN 81-42			S		S	S			1637
P 1640	60.2 x 61 x 35.3 cm	69.1 x 69.9 x 41.4 cm	5.1 cm	30.2 cm	17.24 kg	15.42 kg	166 kg	-40 / 99° C	IP67 • DEF STAN 81-42 • MIL-STD-810G	0			0		S			1640
A 1626	71.5 x 35.8 x 29.8 cm	79 x 43.3 x 33.9 cm	5.1 cm	24.7 cm	8.2 kg	6.6 kg	84.1 kg	-51 / 71° C	IP67 • DEF STAN 81-42			S		S	S			1626
S iM3075	75.7 x 52.8 x 45.2 cm	84.6 x 62 x 49 cm	10.2 cm	34.9 cm	20.41 kg	14.29 kg	240.81 kg	-29 / 60° C	IP67 • MIL-STD-810F • ATA 300 • FED-STD-101C	0				0	S			iM3075
A 1646	81.4 x 40.3 x 34.1 cm	89.6 x 48.3 x 38.3 cm	5 cm	29.1 cm	11.7 kg	9.3 kg	119.3 kg	-51 / 71° C	IP67 • DEF STAN 81-42			S		S	S			1646
P 0500	88.8 x 46.9 x 64.1 cm	101.5 x 59.6 x 72.8 cm	5.7 cm	58.4 cm	26.58 kg	22.68 kg	354 kg	-40 / 99° C	-					0	0			0500

S = Standard feature | 0 = Optional accessory

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Heavy duty transport for large UAV systems

Peli-Hardigg™ rotomoulded transport containers are purpose-built for large UAV platforms and logistics-intensive operations where scale, durability and repeatability are essential. Designed to carry complete systems, including airframes, ground equipment, batteries and support tools, these solutions provide dependable protection against impact, vibration and environmental exposure during freight movement and long-range transport.

Manufactured from high-strength polyethylene for extreme impact resistance, Peli-Hardigg rotomoulded cases support demanding supply chains across road, air and sea transport, as well as harsh conditions such as dust, moisture, salt exposure and wide temperature variation. Their robust construction is optimised for repeated handling, stacking and high-load use in operational environments.

Single Lid Containers

Heavy-duty rotationally moulded containers engineered for the transport of large UAV systems and mission-critical equipment in extreme conditions.

Designed with up to 20% more protective material in the edges and corners, where impact is most critical, these containers remain tough yet flexible to maximise shock absorption.

Ideal for transporting complete drone systems, including airframes, payloads and support equipment, in a single, highly durable unit.



MODEL	INTERIOR (L x W x D)	EXTERIOR (L x W x D)	WEIGHT (EMPTY)	LID / BOTTOM DEPTH
AL2221-0602	57.2 x 53.5 x 22.2 cm	64.8 x 61.1 x 26.5 cm	10.34 kg	5.7 / 16.5 cm
AL2423-1106	62.9 x 59.1 x 43.2 cm	70.5 x 66.7 x 50 cm	13.38 kg	15.9 / 27.3 cm
AL2727-1409AC	68.6 x 68.6 x 59.4 cm	76.2 x 76.2 x 64.9 cm	18.64 kg	23.5 / 35.9 cm
AL2825-1205	72.4 x 63.5 x 45.1 cm	80 x 71.1 x 49.4 cm	16.96 kg	13 / 32.1 cm
AL3226-1604	82.6 x 67.6 x 51.6 cm	90.2 x 75.2 x 62.2 cm	23.86 kg	10.6 / 40.9 cm
AL3620-1712	91.2 x 50.5 x 74.4 cm	98.8 x 58.2 x 80 cm	21.64 kg	30.7 / 43.2 cm

Euro-Pallet Containers (ISP2)

Heavy-duty rotationally moulded containers engineered for large-scale UAV transport and demanding logistics operations. Featuring an Inter-Stacking Pattern (ISP2) design, these containers minimise load movement and optimise space utilisation on standard pallets, ensuring stability during transport and storage.

Ideal for multi-drone systems and complex mission configurations, they enable efficient handling, stacking and deployment in high-intensity operational environments.



MODEL	INTERIOR (L x W x D)	EXTERIOR (L x W x D)	WEIGHT (EMPTY)	LID / BOTTOM DEPTH
ISP2 Case EU040030-2010	31.5 x 21.5 x 27 cm	40 x 30 x 30 cm	4.1 kg	10 / 20 cm
ISP2 Case EU050050-3010	41.5 x 41.5 x 37 cm	50 x 50 x 40 cm	0.064 m³	10 / 30 cm
ISP2 Case EU060040-3010	51.5 x 31.5 x 37 cm	60 x 40 x 40 cm	0.06 m³	10 / 30 cm
ISP2 Case EU060060-4020	51.5 x 51.5 x 57 cm	60 x 60 x 60 cm	0.151 m³	20 / 40 cm
ISP2 Case EU070070-4020	61.5 x 61.5 x 57 cm	70 x 70 x 60 cm	0.215 m³	20 / 40 cm
ISP2 Case EU090050-4010	81.5 x 41.5 x 47 cm	90 x 50 x 50 cm	0.159 m³	10 / 40 cm

Engineered to Fit the Mission

A drone is not just hardware, it is a calibrated instrument. Standard cases can fail under the vibration and G-force stress of transport, putting payload integrity and readiness at risk. Peli develops bespoke UAV protection systems that integrate materials science, packaging engineering, project management and manufacturing into a single, controlled solution.

From precision foam cushioning to engineered fixtures and shock-mitigating mounts, each build is designed around your platform, access points and deployment workflow to ensure rapid set-up and reliable performance in demanding environments. We control every stage, from interior stabilisation to exterior hardware, so your equipment arrives protected, organised and ready to operate.

Mission-Specific Design Approach

With over 100 years of combined Peli-Hardigg experience, we pride ourselves in our ability to partner with any organization to develop purpose-built protective solutions designed with unparalleled quality and precision.



Global Leaders

High-performance protective solutions



Engineering Experts

Combined 100 years of manufacturing experience



Quality-driven

Testing and certifications designed to your specifications

Every UAV system presents unique challenges in terms of weight distribution, fragility, thermal sensitivity and handling requirements.

Peli engineering teams work closely with customers to define:

- Airframe geometry and structural support requirements
- Payload and sensor protection levels
- Battery transport and safety considerations
- Ground Control Station integration
- Operational and environmental constraints

This ensures each solution is fully aligned with mission profiles, transport conditions and deployment scenarios.

Advanced Protection Engineering

Peli bespoke solutions combine precision foam design with engineered internal structures to secure UAV equipment under dynamic transport conditions. Internal architectures are developed to manage load distribution, absorb shock and protect sensitive components.

Engineered Internal Structures

For complex UAV systems, Peli integrates metal support structures designed to securely mount and stabilise equipment within the case.

- Aluminium or composite frames for structural support
- Shock-mounted assemblies to isolate sensitive payloads
- Secure fixation of airframes, sensors and electronic systems
- Load distribution engineered to withstand transport stresses

These systems provide protection not only against impact, but also against vibration and repeated handling during operations.



Precision Foam Integration

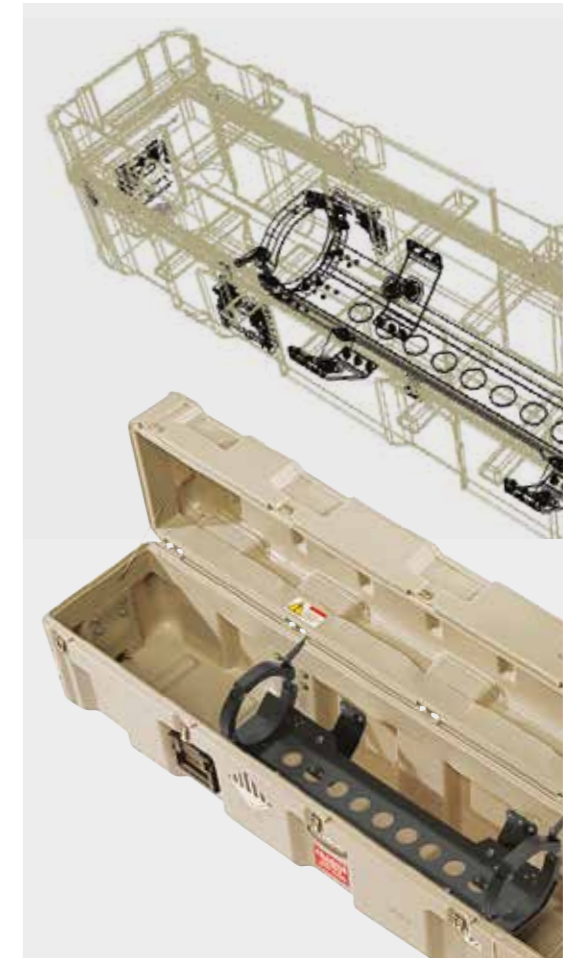
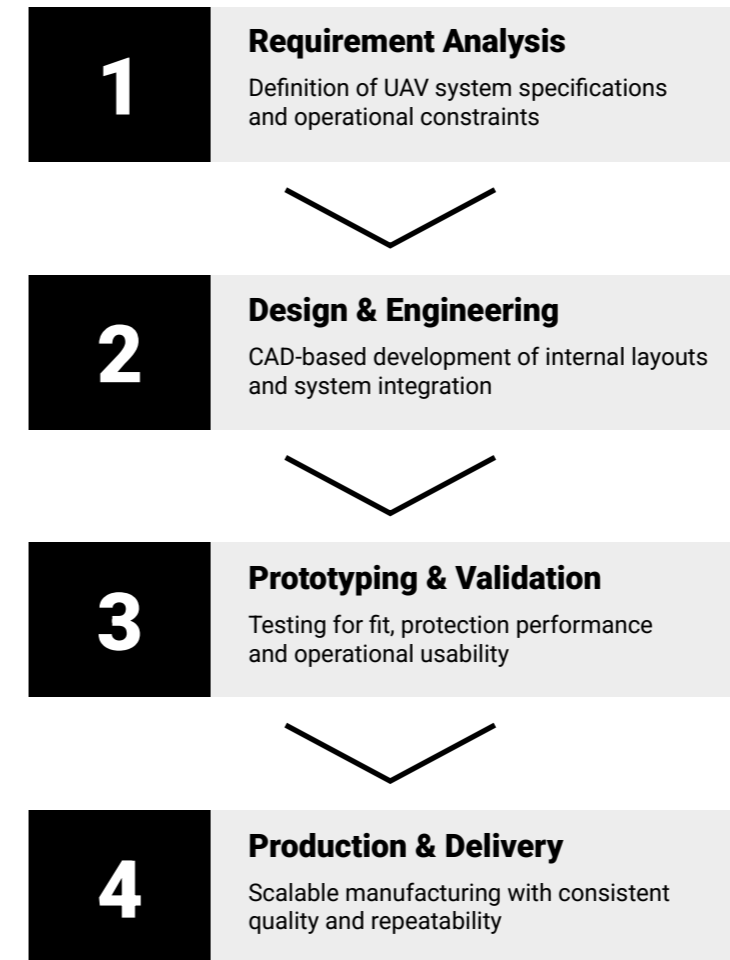
Foam inserts are engineered to complement structural elements and provide controlled cushioning where required.

- Multi-density foam for targeted shock absorption
- CNC-machined inserts for high repeatability and precision
- Component-level protection for accessories and peripherals



From Concept to Deployment

Peli provides a structured engineering and manufacturing process to deliver fully validated, mission-ready solutions.



EU Manufacturing Capability



Peli's EU custom capability is anchored by our Advanced Case Center in Germany, supported by engineering teams across multiple European locations. Together, we work with UAV OEMs and operators from concept to production, translating mission requirements into robust transport systems, including high-end CAD design, engineered foam cushioning, fabricated frames, and G-force-rated shock mitigation for sensitive payloads and electronics.

This EU footprint enables responsive collaboration, consistent quality control and efficient lead times for fleet-ready programmes.

Standards and Technical Performance



Peli custom transport solutions are engineered for repeated use in harsh logistics environments. Supported by ISO 9001:2015 certified manufacturing and NATO codified products, these systems are designed to meet demanding requirements for protection and durability.

- Water resistant sealing options to help protect equipment during transport and storage
- ATA-300, MIL-STD-810 and Def Stan 81-41 aligned performance for shock, vibration and environmental exposure
- Temperature resistance for extreme operating conditions
- Chemical and corrosion resistance for challenging environments
- Designed for repeat use to help reduce single-use packaging



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FRONT VIEW
 A

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