



LOGISTICS SOLUTIONS
2 0 2 4





WHO WE ARE

MELFORM is an Italian company, part of Bonetto Group, specialized for over 50 years in the study, engineering and production of insulated and refrigerated containers for Logistics and a wide range of insulated containers and tableware Accessorieses for Foodservice.

YOUR PARTNER IN COLD CHAIN SOLUTIONS



EXPERIENCE: for over 50 years it has been operating in the controlled temperature transport sector, with a highly qualified team able to offer customized solutions for specific storage and transport needs



INNOVATION: invests in research and the study of cutting-edge technologies to ensure excellent quality and performance



A MATTER OF DEGREES: guarantees a transport temperature range from -75° C to + 75° C to meet all market demands and satisfy customer needs



SUSTAINABILITY: constantly dedicates itself to safeguarding resources through the use of recyclable materials and the reduction of CO₂ emissions



RELIABILITY: pursues high standards of safety and quality to meet the market demands and satisfy customer needs

MELFORM has always been synonymous with safety and reliability, and can boast of a Quality Management System certified according to international standards:

**Quality Management System
UNI EN ISO 9001:2015**



**NF par AFNOR
certification**



**ATP approval for the road
transport of perishable
foodstuffs**





CUSTOMER SUPPORT

We place the customers at the centre of our strategy, investing considerable resources in service and support during all phases before and after the purchase.

These are the services we offer:

DESIGN

Thanks to years of experience and high skilled teams, we are able to design turnkey solutions, customised to the customer's needs. Throughout the design phase, the internal teams (Technical, Production, Purchasing and Sales Departments) interact with the customer to find the best solution and design a product that meets all expectations.

CONSULTING AND INFORMATION

The Sales and Marketing Departments supports the customers in identifying the most suitable product to their needs, playing the role of consultant. With the aim of clarifying specific and functionality of the offer, catalogues, product sheets, manuals and video tutorials are produced. The customer must have all the information needed to be able to purchase a product and to use it to its full potential.

DELIVERY

Each order received is handled by the Shipping Department, which assesses the shipping method best suited to the request and proposes the optimal solution in terms of cost and timing.

AFTER-SALES

Even in the post-sale and post-delivery phase, MELFORM provides the customer with its experience, through the support of its Customer Service and a service network that works according to strict technical protocols provided by the company through training courses.

WHAT WE DO

FOODSERVICE DIVISION

MELFORM supplies catering, HO.RE.CA. and delivery sectors with a wide range of insulated containers, heating containers and eutectic plates, designed and produced in Italy, in our factories.

INSULATED CONTAINERS

They allow food and drinks to be transported while maintaining the correct temperature and preserving their organoleptic properties. Produced with rotational moulding technology, they are free of edges, joints and welds. Made of polyethylene and insulated with CFC- and HCFC-free polyurethane foam, they guarantee low heat loss.



HEATING CONTAINERS

Heat activators designed to distribute heat evenly and progressively, avoiding overheating and allowing the taste and nutrients of the food to be preserved.



EUTECTIC PLATES

With exclusive MELFORM design, are professional thermal accumulators used to maintain the correct temperature range inside the containers during transport. They do not require power supply, are non-toxic, recyclable and made from material suitable for contact with food (EC Reg. 1935/2004).





QUALITY

All MELFORM products meet high quality standards to guarantee optimum performance in use, unaltered over time.



DESIGN

All MELFORM products are characterised by a modern and functional design, easy to use.



HACCP REGULATION

All MELFORM products enable operation according to HACCP protocols, preserving food hygiene and safety.



SUSTAINABILITY

The insulated and refrigerated MELFORM containers are manufactured with recyclable materials, reusable to give life to new products.

APPLICATIONS:

CATERING

HO.RE.CA.

FOOD SUPPLY CHAIN

DELIVERY

WHAT WE DO

MELFORM is targeting large-scale retail trade, vending companies, medical, biotechnological and pharmaceutical sectors to offer a wide range of insulated and refrigerated containers to manage easily the distribution of perishable products without interrupting the cold chain, from the production or storage centre to the end user.



INSULATED CONTAINERS CARGO

Passive insulated containers, conceived for the use of eutectic plates to prolong temperature maintenance.



REFRIGERATED CONTAINERS KOALA

Through the cooling unit with heating element, they allow a constant temperature maintenance, programmable thanks to a digital thermostat in a range between -30°C and +40°C.



SELF POWERED REFRIGERATED CONTAINERS KOALA GREEN

With integrated cooling unit and heating element, they are battery-powered and therefore completely autonomous. Thanks to the temperature control system within a range of -30°C to +40°C, they allow the safe transport of temperature-sensitive and thermolabile products, pharmaceutical or foodstuffs.



INSULATED CONTAINERS FOR DRY ICE DRICY

Designed and manufactured specifically for the handling, storage and transport of dry ice. The dry ice sublimates instantly and therefore requires very high insulation characteristics in order to be stored without loss of quality.



EUTECTIC PLATES

With exclusive MELFORM design, are professional thermal accumulators used to maintain the correct temperature range inside the containers during transport. They do not require power supply, are non-toxic, recyclable and made from material suitable for contact with food (EC Reg. 1935/2004).



COLD CHAIN

MELFORM insulated and refrigerated containers make it possible to manage easily the distribution of perishable products without interrupting the cold chain from the production or storage centre to the end user.



TECHNOLOGY AND MATERIALS

All MELFORM containers, produced with the rotational moulding technology, are made of polyethylene and insulated with CFC- and HCFC-free polyurethane foam to guarantee reduced thermal dispersion.



CERTIFICATIONS

Compact and durable in design, the insulated and refrigerated containers MELFORM are suitable for the transport of perishable products by road, as they have ATP approval. NF certification attests to the suitability of the containers' use in food applications.



SUSTAINABILITY

The insulated and refrigerated MELFORM containers are manufactured through the use of recyclable materials, reusable to give life to new products.

APPLICATIONS:

MEDICAL AND PHARMA SECTOR

RETAIL

VENDING

LAST MILE

WHAT WE OFFER

High-performance and innovative solutions for temperature-controlled transport, constantly improving products and services.

Our containers make it easy to manage the distribution of perishable products without interrupting the cold chain, from the production or storage centre to the end user.



We are aware that our business has an impact on the environment. This is why we try to make responsible choices aimed at reducing consumption and the selection of recyclable materials that can be reused and put back into circulation.

Our economy model is circular: all our containers, at the end of their operational life, are recycled to create new products.





Our products can be customised according to requirements: colours, sizes and special configurations are produced on request by our team. A wide range of Accessories completes the offer MELFORM. To enhance the user experience of our containers, we offer:



LABEL HOLDER

To identify the contents or destination.



THERMOMETER

To check the temperature inside the container.



GRIDS

Made of stainless steel for better load distribution.



SAFETY CLOSING

Handle designed for use with tamper-proof system.



LOCKING KIT

Safety brackets for eutectic plates.



FASTENING KIT

To secure the container to the vehicle during the transport.



MONITORING AND TRACKING SYSTEMS

To monitor the temperature during the transport.



TROLLEYS

To handle easily the containers.



PORTABLE BATTERY CHARGERS

Available in 65Ah, 100Ah and 120Ah versions.



INSULATED CONTAINERS

CARGO LINE

COLD CHAIN

Cargo insulated containers allow you to easily manage the distribution of perishable products without interrupting the cold chain, from the production or storage centre to the end user.

TECHNOLOGY AND MATERIALS

Produced with rotational moulding technology, they are free of edges, joints and welds. Made of polyethylene suitable for food contact and insulated with CFC- and HCFC-free polyurethane foam, they guarantee low heat dispersion. Accessories and components are made of stainless steel to meet high quality standards. All containers are conceived for the use of eutectic plates to prolong temperature maintenance.

GREEN SOLUTIONS

Made from recyclable materials, at the end of their operating life they are recycled to create new products.

ADDITIONAL SERVICES

ATP-approved for the transport of perishable goods by road, MELFORM insulated containers are available in different versions, which can be customised according to requirements. MELFORM offers a wide range of temperature control systems and monitoring solutions. Our partnerships with specialized companies in RFID and other traceability systems grant an additional service to our customers.

MULTI-TEMPERATURE

MELFORM insulated containers allow to transport perishable goods at different temperatures, even on vehicles not equipped for refrigerated transport, thus enabling the simultaneous transport of ambient, chilled or frozen products.

ASSISTANCE

MELFORM provides customers with qualified technical advice and after-sales service for all products in the catalogue.



Fully recyclable at the end of their service life.

HYGIENE AND FOOD SAFETY

CARGO 370 - Front opening

ATP

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
370	On castors	70	800x840x1310	615x630x960	03700001
370	With feet	70	800x840x1310	615x630x960	03700003
370	With pallet	83	800x840x1310	615x630x960	03700010
Accessories					
Stainless steel grid		3,85	650x610xh16		AEA018
USB Datalogger			80x33xh14		AFG007
Card holder			A5		RRI141
Thermometer					RRI165



CARGO 495 - Front opening

ATP

600x400

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
495	Cargo 495 Basic	99	855x1065x1195	625x850x970	04950001
495	Cargo 495 On castors	105	855x1065x1360	625x850x970	04950002
495	Cargo 495 With feet	105	855x1065x1295	625x850x970	04950003
495	Cargo 495 On castors and PE runners	105	855x1065x1360	625x850x970	04950004
495	Cargo 495 With feet and PE runners	105	855x1065x1295	625x850x970	04950005
495	Cargo 495 Basic with PE runners	99	855x1065x1195	625x850x970	04950006
Accessories					
Stainless steel grid		4,7	643x835xh16		AEA046
USB Datalogger			80x33xh14		AFG007
Card holder			A5		RRI141
Thermometer					RRI165



CARGO 500 - Front opening

ATP

GN 1/1

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
500	On castors	90	715x850x1675	540x660x1370	05000071
500	With feet	90	715x850x1675	540x660x1370	05000081
500	With pallet	105	715x850x1675	540x660x1370	05000074
Accessories					
Stainless steel grid		3,0	550x650xh16		AEA008
Plastic folding grid		1,1	535x594xh20		PAPE0001
USB Datalogger			80x33xh14		AFG007
Card holder			A5		RRI141
Thermometer					RRI165



CARGO 600 - Front opening

ATP

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
600	Cargo 600 Basic	95	1180x1050x1000	965x810x765	06000001
600	Cargo 600 On castors	101	1180x1050x1165	965x810x765	06000002
600	Cargo 600 With feet	101	1180x1050x1100	965x810x765	06000003
Accessories					
	Stainless steel grid	6	838x950xh16		AEA047
	USB Datalogger		80x33xh14		AFG007
	Card holder		A5		RRI141
	Thermometer				RRI165



CARGO 780 - Front opening - Dim. Ext. 80x100

ATP

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
780	On castors	112	800x1000x1950	610x810x1570	07800001
780	With feet	112	800x1000x1900	610x810x1570	07800009
Accessories					
	Stainless steel grid	4,3	647x790xh16		AEA019
	USB Datalogger		80x33xh14		AFG007
	Card holder		A5		RRI141
	Thermometer				RRI165



CARGO 900 - Front opening - Dim. Ext. EUROPALLET 80x120

ATP

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
900	On castors	111	800x1200x1835	600x985x1460	09000037
900	With feet	111	800x1200x1790	600x985x1460	09009066
900	With pallet	137	800x1200x1790	600x985x1460	09000074
Accessories					
	Stainless steel grid	6,2	625x970xh16		AEA010
	Plastic folding grid	1,9	604x923xh20		PAPE0003
	USB Datalogger		80x33xh14		AFG007
	Card holder		A5		RRI141
	Thermometer				RRI165



INSULATED

REFRIGERATED

SELF POWERED REFRIGERATED

FOR DRY ICE

CARGO 1000 - Front opening - Dim. Ext. EUROPALLET 80x120

ATP



Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
1000	On castors	130	800x1200x1940	605x1015x1550	10000001EU
1000	With feet	130	800x1200x1900	605x1015x1550	10000010EU
1000	With pallet	155	800x1200x1900	605x1015x1550	10000002EU
Accessories					
Stainless steel grid		5	647x990xh16		AEA023
Folding grid		6	647x990xh25		AEA029
USB Datalogger		80x33xh14		AFG007	
Card holder		A5		RRI141	
Thermometer				RRI165	

CARGO 1300 - Front opening - Dim. Int. EUROPALLET 80x120

ATP



Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
1350	On castors	153	985x1405x1695	810x1210x1340	13019009
1350	With feet	153	985x1405x1646	810x1210x1340	13010003
Accessories					
USB Datalogger		80x33xh14		AFG007	
Card holder		A5		RRI141	
Thermometer				RRI165	
Dip tray pallet		16	800x1200xh200		ANA00101

CARGO 1300 TW - Front opening - Dim. Ext. ASIAN PALLET 110x110



Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
1350	On castors	150	1100x1100x1940	900x910x1580	1300T003
1350	With feet	150	1100x1100x1905	900x910x1580	1300T009
Accessories					
Stainless steel grid		7	935x890xh16		AEA024
USB Datalogger		80x33xh14		AFG007	
Card holder		B5		AMC103	
Thermometer				RRI165	

CARGO CONFIGURATIONS

FISH TRANSPORT

Available for Cargo 780, Cargo 900 and Cargo 1000.
Integrated water drainage system

In addition, upon request:

- Basic stainless steel grid
- Basic stainless steel grid with breakwater
- Drip Tray



Cargo 780 on castors: 0780013
Cargo 900 on castors: 09000073
Cargo 1000 on castors: 1000005EU

Basic stainless steel grid:
AEA039 (Cargo 780),
AEA027 (Cargo 900,
Cargo 1000)

Basic stainless steel
grid with breakwater:
AEA028 (Cargo 900,
Cargo 1000)

Drip Tray
3518 (Cargo 900, Cargo 1000)

CRYOGENIC

For the management of temperature-controlled transport with carbon dioxide, MELFORM proposes equipping the container with accessories that allow the use of dry ice or solid carbon dioxide (in pellets or tiles) as a cooling method.

The special Cryo Power Box drawer can be used with the most common semi-automatic systems for injecting carbon dioxide snow. It has two compartments to insert the correct amount of dry ice during the transportation of fresh or frozen products.



The special Cryo Power Box drawer can be used with the most common semi-automatic systems for injecting carbon dioxide snow. It has two compartments to insert the correct amount of dry ice during the transportation of fresh or frozen products.

A stainless steel tray, specially designed by MELFORM, allows for containing dry ice in the formats used in refrigerated transportation for both fresh and frozen regimes. In the case of transportation under a fresh regime of 0°C / 4°C, an accessory for controlled release is provided by the refrigeration unit.

MELFORM's engineers are available to support customers in the development of specific projects for the use of carbon dioxide.



EUTECTIC PLATES

With exclusive MELFORM design are professional thermal accumulators used to maintain the correct temperature range inside the containers during transport. They do not require power supply, are non-toxic, recyclable and made from material suitable for contact with food (EC Reg. 1935/2004).

- **CHILLED:** with temperature +3°C and freezable at -10°C
- **FROZEN:** with temperature -21°C and freezable at -30°C
- **EXTRA FROZEN:** with temperature -21°C and freezable at -30°C

COMPATIBLE WITH	CHILLED +3°C	FROZEN -21°C	EXTRA FROZEN -21°C
CARGO 370/495/500/780	 PE500001	 PE500002	 PE500908
CARGO 600	 PE600001	 PE600002	 PE600003
CARGO 900/1000	 PE900001	 PE900002	 PE900908
CARGO 1300/1300 TW	 PE110001	 PE110002	 PE119008

Correctly conditioning eutectic plates is a necessary operation to ensure their perfect efficiency. To optimise freezing operations, MELFORM offers the RAPID COOLER, a rapid conditioning cell that allows the user to operate safely and free up space in the loading areas.

RAPID COOLER

Rapid conditioning cell

Low consumption system which allows the plates to be conditioned correctly while minimising energy consumption. It can be powered by the mains (230 V a.c.).



Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
1075	Without rack	210	985x1405x2007	810x1210x1110	13019013
1075	With rack for GN 1/1 plates	390	985x1405x2007	810x1210x1110	13019015
1075	With rack for Cargo 370/500/780 plates	340	985x1405x2007	810x1210x1110	13019016
1075	With rack for Cargo 900/1000 plates	319	985x1405x2007	810x1210x1110	13019017
1075	With rack for Cargo 1300/1300TW plates	310	985x1405x2007	810x1210x1110	13019018



REFRIGERATED CONTAINERS, PORTABLE REFRIGERATORS

KOALA LINE

COLD CHAIN

Through the cooling unit and the heating element, Koala mobile refrigerated containers allow you to easily manage the distribution of perishable products without interrupting the cold chain, from the production or storage centre to the end user. Through the digital thermostat it is possible to program and control the temperature within a range of -30°C to $+40^{\circ}\text{C}$, ensuring that it remains constant.

TECHNOLOGY AND MATERIALS

Produced with rotational moulding technology, they are free of edges, joints and welds. Made of polyethylene suitable for food contact and insulated with CFC- and HCFC-free polyurethane foam, they guarantee low heat dispersion. Accessories and components are made of stainless steel to meet high quality standards. All the models are available on castors, feet, pallet, basic version.

GREEN SOLUTIONS

Made from recyclable materials, at the end of their operating life they are recycled to create new products.

ADDITIONAL SERVICES

ATP-approved for the transport of perishable goods by road, MELFORM insulated containers are available in different versions, which can be customised according to requirements. MELFORM offers a wide range of temperature control systems and monitoring solutions. Our partnerships with specialized companies in RFID and other traceability systems grant an additional service to our customers.

MULTI-TEMPERATURE

MELFORM insulated containers with integrated refrigeration unit and heating element allow transport of perishable goods at different temperatures, even on vehicles not equipped for refrigerated transport, thus enabling the simultaneous loading of ambient, chilled or frozen products.

ASSISTANCE

MELFORM provides customers with qualified technical advice and after-sales service for all products in the catalogue.



PROGRAMMABLE TEMPERATURES:

- Frozen: up to -30°C
- Chilled: from $+2$ to $+8^{\circ}\text{C}$
- Hot: up to $+40^{\circ}\text{C}$



Fully recyclable at the end of their service life.

HYGIENE AND FOOD SAFETY

KOALA 20 - Top opening

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
21	0°C +10°C	Integrated, static	16	345x515x425	220x280x340	K20ASISDYM0
21	-18°C +10°C	Integrated, static	16	345x515x425	220x280x340	K20ASISCYM0
21	0°C +40°C H	Integrated, static	16	345x515x425	220x280x340	K20ASISDZM0
21	-18°C +40°C H	Integrated, static	16	345x515x425	220x280x340	K20ASISCZM0



KOALA 32 - Top opening

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
27	0°C +10°C	Integrated, static	21	360x620x430	230x340x350	K32ASISDYM0
27	-18°C +10°C	Integrated, static	21	360x620x430	230x340x350	K32ASISCYM0
27	-25°C +10°C	Integrated, static	21	360x620x430	230x340x350	K32ASISBYM0
27	0°C +40°C H	Integrated, static	21	360x620x430	230x340x350	K32ASISDZM0
27	-18°C +40°C H	Integrated, static	21	360x620x430	230x340x350	K32ASISCZM0
27	-25°C +40°C H	Integrated, static	21	360x620x430	230x340x350	K32ASISBZM0



KOALA 32 - Front opening

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
32	0°C +10°C	Integrated, static	30	420x753x493	268x372x322	K32AFISDYM0
32	-18°C +10°C	Integrated, static	30	420x753x493	268x372x322	K32AFISCYM0
32	-25°C +10°C	Integrated, static	30	420x753x493	268x372x322	K32AFISBYM0
32	-30°C +10°C	Integrated, static	30	420x753x493	268x372x322	K32AFISAYM0
32	0°C +40°C H	Integrated, static	30	420x753x493	268x372x322	K32AFISDZM0
32	-18°C +40°C H	Integrated, static	30	420x753x493	268x372x322	K32AFISCZM0
32	-25°C +40°C H	Integrated, static	30	420x753x493	268x372x322	K32AFISBZM0
32	-30°C +40°C H	Integrated, static	30	420x753x493	268x372x322	K32AFISAZM0
Accessories						
Modular fixing kit			1,2			RRI137



KOALA 50 - Top opening **GN 1/2** **GN 1/3**

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
53	0°C +10°C	Integrated, static	27	495x800x500	335x450x355	K50ASISDYM0
53	-18°C +10°C	Integrated, static	27	495x800x500	335x450x355	K50ASISCYM0
53	-25°C +10°C	Integrated, static	27	495x800x500	335x450x355	K50ASISBYM0
53	0°C +40°C H	Integrated, static	27	495x800x500	335x450x355	K50ASISDZM0
53	-18°C +40°C H	Integrated, static	27	495x800x500	335x450x355	K50ASISCZM0
53	-25°C +40°C H	Integrated, static	27	495x800x500	335x450x355	K50ASISBZM0



KOALA 70 - Front opening

GN 1/1

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
68	0°C +10°C	On back, static	24	440x815x480	325x540x360	K70AFDSDYM0
68	0°C +40°C H	On back, static	24	440x815x480	325x540x360	K70AFDSDZM0
Accessories						
			1,3	530x325xh12		AEA020
			9,5	525x750x965	455x655xh35	MAXI0019
			9,5	525x750x965	455x655xh35	MAXI0018
			7,1	525x750x210	455x655xh35	MAXI9007



KOALA 80 - Top opening

ATP

GN 1/1

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
73	0°C +10°C	Integrated, static	34	560x940x550	370x540x365	K80ASISDYM0
73	-18°C +10°C	Integrated, static	34	560x940x550	370x540x365	K80ASISCYM0
73	-25°C +10°C	Integrated, static	34	560x940x550	370x540x365	K80ASISBYM0
73	-30°C +10°C	Integrated, static	34	560x940x550	370x540x365	K80ASISAYM0
73	0°C +40°C H	Integrated, static	34	560x940x550	370x540x365	K80ASISDZM0
73	-18°C +40°C H	Integrated, static	34	560x940x550	370x540x365	K80ASISCZM0
73	-25°C +40°C H	Integrated, static	34	560x940x550	370x540x365	K80ASISBZM0
73	-30°C +40°C H	Integrated, static	34	560x940x550	370x540x365	K80ASISAZM0



KOALA 90 - Front opening

GN 1/1

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
90	0°C +10°C	On back, static	27	440x830x650	330x533x505	K90AFDSDYM0
90	0°C +10°C	On top, static	27	440x665x815	330x533x505	K90AFTSDYM0
90	0°C +40°C H	On back, static	27	440x830x650	330x533x505	K90AFDSDZM0
90	0°C +40°C H	On top, static	27	440x665x815	330x533x505	K90AFTSDZM0
Accessories						
			1,3	530x325xh12		AEA020
			6,4	505x685xh205		THS20009
			1,2			RRI137



INSULATED

REFRIGERATED

SELF POWERED REFRIGERATED

FOR DRY ICE

KOALA 140 - Front opening

ATP
600x400

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
135	0°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISDYMO
135	-18°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISCYMO
135	-25°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISBYMO
135	-30°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISAYMO
135	0°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISDZMO
135	-18°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISCZMO
135	-25°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISBZMO
135	-30°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISAZMO
Accessories						
Stainless steel grid			2	425x620xh12		AEA030
Zinc coated trolley			8	1011x631x208		AIB005
Modular fixing kit			1,2			RR1137



KOALA 150 - Front opening

ATP
EN
GN 1/1
600x400

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
148	0°C +10°C	On back, static	37	570x950x690	430x650x520	K150AFDSDYMO
148	0°C +10°C	On back, ventilated	55	570x1045x690	430x650x530	K150AFDVDYMO
148	0°C +10°C	On top, static	37	570x790x850	430x650x520	K150AFTSDYMO
148	-18°C +10°C	On back, static	55	570x1045x690	430x650x520	K150AFDSCYMO
148	-25°C +10°C	On back, static	55	570x1045x690	430x650x520	K150AFDSBYMO
148	0°C +40°C H	On back, static	37	570x950x690	430x650x520	K150AFDSDZMO
148	0°C +40°C H	On back, ventilated	55	570x1045x690	430x650x530	K150AFDVDZMO
148	0°C +40°C H	On top, static	37	570x790x850	430x650x520	K150AFTSDZMO
148	-18°C +40°C H	On back, static	55	570x1045x690	430x650x520	K150AFDSCZMO
148	-25°C +40°C H	On back, static	55	570x1045x690	430x650x520	K150AFDSBZMO
Accessories						
Stainless steel adapters with 2 GN guides			4,9			RR1237
Stainless steel GN 1/1 grid			1,3	530X325X12H		AEA020
Stainless steel self-supporting grid			3	430X630X262H		AEA012
Polyethylene trolley			7	625X845X210H		THS30006
Fixing kit for modular			1,2			RR1139



KOALA 160 - Top opening

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
162	0°C +10°C	Integrated, static	59	790x1100x650	540x660x450	K160ASISDYMO
162	-18°C +10°C	Integrated, static	59	790x1100x650	540x660x450	K160ASISCYMO
162	-25°C +10°C	Integrated, static	59	790x1100x650	540x660x450	K160ASISBYMO
162	0°C +40°C H	Integrated, static	59	790x1100x650	540x660x450	K160ASISDZMO
162	-18°C +40°C H	Integrated, static	59	790x1100x650	540x660x450	K160ASISCZMO
162	-25°C +40°C H	Integrated, static	59	790x1100x650	540x660x450	K160ASISBZMO
Accessories						
Castors kit	diam 125 mm		3,7			RR1070



KOALA 370 - Front opening

ATP

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
370	0°C +10°C	On back, static, on castors	85	800x1000x1310	615x630x940	K370AFDSDYM1
370	0°C +10°C	On back, ventila- ted, on castors	95	800x1090x1310	615x630x960	K370AFDVDYM1
370	0°C +10°C	On top, static, on castors	83	800x840x1470	615x630x940	K370AFTSDYM1
370	0°C +10°C	On top, ventilated, on castors	95	800x840x1530	615x630x960	K370AFTVDYM1
325	-18°C +10°C	On back, ventila- ted, on castors	95	800x1090x1310	615x630x840	K370AFDVCYM1
325	-18°C +10°C	On top, ventilated, on castors	95	800x840x1530	615x630x840	K370AFTVCYM1
370	0°C +40°C H	On back, static, on castors	85	800x1000x1310	615x630x940	K370AFDSDZM1
370	0°C +40°C H	On back, ventila- ted, on castors	95	800x1090x1310	615x630x960	K370AFDVDZM1
370	0°C +40°C H	On top, static, on castors	83	800x840x1470	615x630x940	K370AFTSDZM1
370	0°C +40°C H	On top, ventilated, on castors	95	800x840x1530	615x630x960	K370AFTVDZM1
325	-18°C +40°C H	On back, ventila- ted, on castors	95	800x1090x1310	615x630x840	K370AFDVCZM1
325	-18°C +40°C H	On top, ventilated, on castors	95	800x840xh1530	615x630x840	K370AFTVCZM1
Accessories						
Stainless steel grid			3,8	650x610xh16		AEA018
Card holder				A5		RRI141



INSULATED

REFRIGERATED

SELF POWERED REFRIGERATED

KOALA 495 - Front opening

ATP

600x400

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
520	0°C /+10°C	Integrato statico basic	119	855x1285x1195	625x850x950	K495AFISDYM0
520	0°C /+40°C	Integrato statico basic	119	855x1285x1195	625x850x950	K495AFISDZM0
430	-25°C /+10°C	Integrato ventilated basic	129	855x1285x1195	625x850x805	K495AFIVBYM0
430	-25°C/+40°C	Integrato ventilated basic	129	855x1285x1195	625x850x805	K495AFIVBZM0
520	0°C /+10°C	Integrato statico, on castors	125	855x1285x1360	625x850x950	K495AFISDYM1
520	0°C /+40°C	Integrato statico, on castors	125	855x1285x1360	625x850x950	K495AFISDZM1
445	-25°C /+10°C	Integrato ventilated, on castors	135	855x1285x1360	625x850x805	K495AFIVBYM1
445	-25°C/+40°C	Integrato ventilated, on castors	135	855x1285x1360	625x850x805	K495AFIVBZM1
Accessories						
Stainless steel grid			4,7	643x835xh16		AEA046
Card holder				A5		RRI141



FOR DRY ICE

KOALA 500 - Front opening

ATP
GN 1/1

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
500	0°C +10°C	On back, ventilated, on castors	116	715x1105x1660	540x660x1370	K500AFDVDYM1
500	0°C +10°C	On top, ventilated, on castors	116	715x850x1915	540x660x1370	K500AFTVDYM1
416	-18°C +10°C	On back, ventilated, on castors	120	715x1105x1660	540x660x1170	K500AFDVCYM1
416	-18°C +10°C	On top, ventilated, on castors	120	715x850x1915	540x660x1170	K500AFTVCYM1
500	0°C +40°C H	On back, ventilated, on castors	116	715x1105x1660	540x660x1370	K500AFDVDZM1
500	0°C +40°C H	On top, ventilated, on castors	116	715x850x1915	540x660x1370	K500AFTVDZM1
416	-18°C +40°C H	On back, ventilated, on castors	120	715x1105x1660	540x660x1170	K500AFDVCZM1
416	-18°C +40°C H	On top, ventilated, on castors	120	715x850x1915	540x660x1170	K500AFTVCZM1
Accessories						
Stainless steel grid			3	550x650xh16		AEA008
Plastic folding grid			1,1	535x594xh20		PAPE0001
Card holder				A5		RRI141



KOALA 600 - Front opening

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
600	0°C /+10°C	Integrato statico basic	120	1400x1050x1000	965x810x765	K600AFISDYM0
600	0°C /+40°C	Integrato statico basic	120	1400x1050x1000	965x810x765	K600AFISDZM0
600	0°C /+10°C	Integrato statico ruote	126	1400x1050x1165	965x810x765	K600AFISDYM1
600	0°C /+40°C	Integrato statico ruote	126	1400x1050x1165	965x810x765	K600AFISDZM1
Accessories						
Stainless steel grid			6	838x950xh16		AEA047
Card holder				A5		RRI141



KOALA 780 - Front opening - Dim. Ext. 80x100

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
610	0°C +10°C	On back, ventilated, on castors	145	800x1250x1950	610x810x1350	K780AFDVDYM1
610	0°C +10°C	On top, ventilated, on castors	145	800x1000x2170	610x810x1350	K780AFTVDYM1
610	-18°C +10°C	On back, ventilated, on castors	145	800x1250x1950	610x810x1350	K780AFDVCYM1
610	-18°C +10°C	On top, ventilated, on castors	145	800x1000x2170	610x810x1350	K780AFTVCYM1
610	0°C +40°C H	On back, ventilated, on castors	145	800x1250x1950	610x810x1350	K780AFDVDZM1
610	0°C +40°C H	On top, ventilated, On castors	145	800x1000x2170	610x810x1350	K780AFTVDZM1
610	-18°C +40°C H	On back, ventilated, on castors	145	800x1250x1950	610x810x1350	K780AFDVCZM1
610	-18°C +40°C H	On top, ventilated, on castors	145	800x1000x2170	610x810x1350	K780AFTVCZM1
Accessories						
Stainless steel grid			4,3	647x790xh16		AEA019
Card holder				A5		RRI141



KOALA 1000 - Front opening - Dim. Ext. EUROPALLET 80x120

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
830	0°C +10°C	On back, ventilated, on castors	164	800x1450x1940	605x1015x1350	K1000AFDVDYM1
830	0°C +10°C	On top, ventilated, on castors	164	800x1200x2170	605x1015x1350	K1000AFTVDYM1
830	-18°C +10°C	On back, ventilated, on castors	164	800x1450x1940	605x1015x1350	K1000AFDVCYM1
830	-18°C +10°C	On top, ventilated, on castors	164	800x1200x2170	605x1015x1350	K1000AFTVCYM1
830	0°C +40°C H	On back, ventilated, on castors	164	800x1450x1940	605x1015x1350	K1000AFVDZM1
830	0°C +40°C H	On top, ventilated, on castors	164	800x1200x2170	605x1015x1350	K1000AFTVDZM1
830	-18°C +40°C H	On back, ventilated, on castors	164	800x1450x1940	605x1015x1350	K1000AFDVCZM1
830	-18°C +40°C H	On top, ventilated, on castors	164	800x1200x2170	605x1015x1350	K1000AFTVCZM1
Accessories						
Stainless steel grid			5	647x990xh16		AEA023
Folding grid			6	647x990xh25		AEA029
Card holder				A5		RRI141



KOALA 1300 - Front opening - Dim. Int. EUROPALLET 80x120

ATP

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
1115	0°C +10°C	On top, ventilated, on castors	180	985x1405x1925	810x1210x1140	K1300AFTVDYM1
1115	-18°C +10°C	On top, ventilated, on castors	180	985x1405x1925	810x1210x1140	K1300AFTVCYM1
1115	0°C +40°C H	On top, ventilated, on castors	180	985x1405x1925	810x1210x1140	K1300AFTVDZM1
1115	-18°C +40°C H	On top, ventilated, on castors	180	985x1405x1925	810x1210x1140	K1300AFTVCZM1
Accessories						
Dip tray pallet			16	800x1200xh200		ANA00101
Card holder				A5		RRI141



KOALA 1300 TW - Front opening - Dim. Ext. ASIAN PALLET 110x110

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
1115	0°C +10°C	On top, ventilated, on castors	175	1100x1100x2170	900x910x1350	K130TAFTVDYM1
1115	0°C +40°C H	On top, ventilated, on castors	175	1100x1100x2170	900x910x1350	K130TAFTVDZM1
Accessories						
Stainless steel grid			7	935x890xh16		AEA024
Card holder				B5		AMC103



ePOWER BOX - Auxiliary battery

Model	Weight Kg	Dim Ext. mm	CODE
ePB 65	17,5	345X315XH340	EPB65A01
ePB 100	22	345X315XH340	EPB100A01
ePB 120	23	345X315XH340	EPB120A01



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FOR DRY ICE



SELF POWERED REFRIGERATED CONTAINERS, MOBILE BATTERY REFRIGERATORS

KOALA GREEN LINE



COLD CHAIN

Koala Green mobile containers with cooling unit and heating element are battery-powered, and therefore completely autonomous.

The extractable battery can be recharged by connecting the Koala Green to the mains (230V) or by connecting it to the external power supply.

Three battery models are available:

- 65Ah
- 100Ah
- 120Ah

Thanks to the constant temperature maintenance system, programmable through a digital thermostat within a range between -30°C and +40°C, the Koala Green allows the safe transport of temperature-sensitive and temperature-insensitive products, whether pharmaceutical or foodstuff, in total safety.



TECHNOLOGY AND MATERIALS

Produced with rotational moulding technology, they are free of edges, joints and welds. Made of polyethylene suitable for food contact and insulated with CFC- and HCFC-free polyurethane foam, they guarantee low heat dispersion. Accessories and components are made of stainless steel to meet high quality standards.

All the models are available on castors, feet, pallet, basic version.

GREEN SOLUTIONS

Thanks to the rechargeable battery, they do not need the vehicle's power supply and therefore reduce consumption and the CO₂ emissions into the environment.

They are ideal for use in electric vehicles, a means of transport destined to replace traditional ones, especially in urban areas. Moreover, as they are made from recyclable materials, they are recycled at the end of their operational life to create new products.

ADDITIONAL SERVICES

ATP-approved for the transport of perishable goods by road, MELFORM insulated containers are available in different versions, which can be customised according to requirements. MELFORM offers a wide range of temperature control systems and monitoring solutions. Our partnerships with specialized companies in RFID and other traceability systems grant an additional service to our customers.

MULTI-TEMPERATURE

MELFORM insulated containers with integrated cooling unit and heating element allow transport of perishable goods at different temperatures, even on vehicles not equipped for refrigerated transport, thus enabling the simultaneous loading of ambient, chilled or frozen products.

ASSISTANCE

MELFORM provides customers with qualified technical advice and after-sales service for all products in the catalogue.



HYGIENE AND FOOD SAFETY

KOALA GREEN 140 - Front opening

ATP

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
135	0°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISDYM0
135	-18°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISCYM0
135	-25°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISBYM0
135	-30°C +10°C	Integrated, static	46	620x1000x710	415x620x515	K140AFISAYM0
135	0°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISDZM0
135	-18°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISCZM0
135	-25°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISBZM0
135	-30°C +40°C H	Integrated, static	46	620x1000x710	415x620x515	K140AFISAZM0
Accessories						
Stainless steel grid			2	425x620x12		AEA030
Zinc coated trolley			8	1011x631x208		AIB005
Modular fixing kit			1,2			RRI137



KOALA GREEN 370 - Front opening

ATP

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
370	0°C +10°C	On top, static	85,5	800x840x1543	615x630x940	K370AFTSDYM1
325	-18°C +10°C	On top, ventilated	95,5	800x840x1543	615x630x790	K370AFTVCYM1
370	0°C +40°C H	On top, static	85,5	800x840x1543	615x630x940	K370AFTSDZM1
325	-18°C +40°C H	On top, ventilated	95,5	800x840x1543	615x630x790	K370AFTVCZM1
Accessories						
Stainless steel grid			3,8	650x610xh16		AEA018
Card holder				A5		RRI141



KOALA GREEN 500 - Front opening

ATP

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
416	0°C /+10°C	On top, ventilated, on castors, 100 Ah battery	120	715x850x1915	540x660x1170	K500AFTVDYM1B
Accessories						
Stainless steel grid			3	550x650xh16		AEA008
Plastic folding grid			1,1	535x594xh20		PAPE0001
Card holder				A5		RRI141



KOALA GREEN 780 - Front opening - Dim. Ext. 80x100

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
610	0°C +10°C	On top, ventilated	145	800x1000x2170	610x810x1400	K780AFTVDYM1
610	-18°C +10°C	On top, ventilated	145	800x1000x2170	610x810x1400	K780AFTVCYM1
610	0°C +40°C H	On top, ventilated	145	800x1000x2170	610x810x1400	K780AFTVDZM1
610	-18°C +40°C H	On top, ventilated	145	800x1000x2170	610x810x1400	K780AFTVCZM1
Accessories						
Stainless steel grid			4,3	647x790xh16		AEA019
Card holder				A5		RRI141



KOALA GREEN 1000 - Front opening - Dim. Ext. EUROPALLET 80x120

Capacity L	Temperature range	Cooling unit	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
830	0°C +10°C	On top, ventilated	164	800x1200x2170	605x1015x1400	K1000AFTVDYM1
830	-18°C +10°C	On top, ventilated	164	800x1200x2170	605x1015x1400	K1000AFTVCYM1
830	0°C +40°C H	On top, ventilated	164	800x1200x2170	605x1015x1400	K1000AFTVDZM1
830	-18°C +40°C H	On top, ventilated	164	800x1200x2170	605x1015x1400	K1000AFTVCZM1
Accessories						
Stainless steel grid			5	647x990xh16		AEA023
Folding grid			6	647x990xh25		AEA029
Card holder				A5		RRI141



Depending on the model and temperature range, the following auxiliary batteries can be used:

Battery	Weight Kg	CODE
65Ah Battery	9,5	EPKIT65
100Ah Battery	14,5	EPKIT100
120Ah Battery	14,5	EPKIT120

ISOTERMICI

REFRIGERATED

REFRIGERATI AUTONOMI

FOR DRY ICE



INSULATED CONTAINERS FOR DRY ICE

DRICY LINE

COLD CHAIN

Dry ice is liquid carbon dioxide released at atmospheric pressure. The change of state from solid to gas occurs without a liquid phase: hence the name 'dry ice'.

Special equipment, called pelletisers, transforms it into pellets with different diameters depending on the application or into briquettes generally used for refrigerated food and pharmaceutical transport.

The sublimation phase (change from solid to gas) takes place constantly: it cannot be stopped but can be slowed down by using containers with high thermal insulation. Dry ice insulated containers have been specially designed and manufactured for handling, storing and transporting dry ice, limiting its weight loss and maintaining its quality (fluidity of the pellets and shape of the tiles).

Overall heat transfer coefficient $K = 0.29 \text{ W/m}^2\text{K}$

TECHNOLOGY AND MATERIALS

Produced with rotational moulding technology, they are free of edges, joints and welds. Made of polyethylene suitable for food contact and insulated with CFC- and HCFC-free polyurethane foam, they guarantee low heat dispersion. Accessories and components are made of stainless steel to meet high quality standards.

GREEN SOLUTIONS

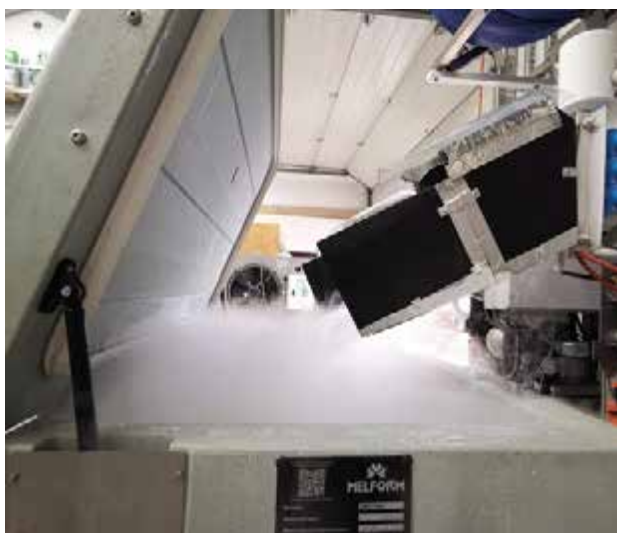
Made from recyclable materials, at the end of their operating life they are recycled to create new products.

ADDITIONAL SERVICES

MELFORM together with its partners offers customised solutions for temperature monitoring, tracking and geolocation of containers through USB DATA LOGGER and SMART SENSOR with Bluetooth technology.

ASSISTANCE

MELFORM provides customers with qualified technical advice and after-sales service for all products in the catalogue.



APPLICATIONS:

- Refrigerated transports
- Last mile delivery
- Viticulture
- Temperature control in certain food processes
- Cryogenic cleaning



Fully recyclable at the end of their service life.

HYGIENE AND FOOD SAFETY

DrICY 30 - Top opening

It can hold up to 25 kg of dry ice in 3 mm pellets, 20 kg in 10 mm pellets and 15 kg in 16 mm pellets.

Capacity L	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
33	14	535x535x465	350x350x275	0030S001
Accessories				
Metal trolley covered with polystyrene	5,5	555x555xh170	540x540	THD30001



DrICY 65 - Top opening

It can hold up to 50 kg of dry ice in 3 mm pellets, 40 kg in 10 mm pellets and 35 kg in 16 mm pellets.

Capacity L	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
65	20	860x535x465	676x350x275	0065S001
Accessories				
Metal trolley covered with polystyrene	6	875x550xh170	865x540	THD65001



DrICY 90 - Top opening

It can hold up to 75 kg of dry ice in 3 mm pellets, 55 kg in 10 mm pellets and 50 kg in 16 mm pellets.

Capacity L	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
90	25	830x530x605	635x345x415	0090S001
Accessories				
Metal trolley covered with polystyrene	6,5	835x545xh170	825x535	THD90001



DrIcy 150 - Top opening

It can hold up to 120 kg of dry ice in 3 mm pellets, 90 kg in 10 mm pellets and 85 kg in 16 mm pellets.

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
150	On castors	49	800x600x900	620x420x578	0150S001
150	With pallet	53	800x600x900	620x420x578	0150S002



DrIcy 360 - Top opening

It can hold up to 290 kg of dry ice in 3 mm pellets, 220 kg in 10 mm pellets and 200 kg in 16 mm pellets.

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
365	On castors	82	800x1200x900	620x1020x578	0365S001
365	With pallet	86	800x1200x900	620x1020x578	0365S002



DrIcy 540 - Top opening

It can hold up to 430 kg of dry ice in 3 mm pellets, 325 kg in 10 mm pellets and 300 kg in 16 mm pellets.

Capacity L	Model	Weight Kg	Dim Ext. mm	Dim Int. mm	CODE
540	On castors	102	1100x1200x900	920x1020x578	0540S001
540	With pallet	106	1100x1200x900	920x1020x578	0540S002



Melform sales network

Melform is present in the 5 continents thanks to a constantly growing sales network, which ensures excellent commercial customer service and an efficient after-sales service.

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