

**KUBICEK  
BALLOONS**



**FLY  
KUBICEK**

**KUBICEKBALLOONS.COM**

# WE ARE KUBICEK BALLOONS,

A MANUFACTURING COMPANY  
WITH MORE THAN 30 YEARS  
OF TRADITION.

**We are not just a bunch  
of ballooning enthusiasts,  
we are a team of experienced  
professionals with unique,  
time-tested know-how.**

We stand behind our good name, built thanks to our customers and dealer network, and together, we've created a solid reputation that extends worldwide. We are proud that over 2,300 balloons from our factory in the Czech Republic are flying in almost every corner of the planet.



## MISSION



We aspire to be **the best balloon factory** and serve the **widest group of satisfied customers** all over the world. Our intention is **to continue technical innovations** that result from operators' real needs and to develop company sustainability. It is essential for us to improve in everything we do and yet stay the same people you know and love.

## EXPERIENCE



Kubicek Balloon's depth of experience is vast, having built systems for use in all parts of the world. **Over 2,300 balloons have been manufactured.** Sizes range from 900 m<sup>3</sup> (31) to 18,400 m<sup>3</sup> (650). Our current annual production is over 180 balloons a year.

# KUBICEK BALLOONS



## EVERYTHING "IN HOUSE"

Kubicek has an innovative design and engineering team that offers the complete balloon system made "in house". **The envelopes and even the fabric, baskets, burners and cylinders made by Kubicek give you the best performance and compatibility in the market.**

Our envelopes lift a great deal of weight for their volume. We take pride in our baskets built within the factory with each customer in mind. Our basket doors are hugely popular thanks to their design and reasonable pricing. They're also quick and easy to operate yet safe and secure in flight. You will readily see that the fit and finish on all Kubicek Balloons is second to none.



## EASA APPROVALS

Kubicek has an EASA Type Certificate for all its models. This means that they come with a Standard Airworthiness certificate and registration, Special Shapes included.

## ↓ INNOVATIONS BASED ON THE MARKET FEEDBACK



# KUBICEK SPECS



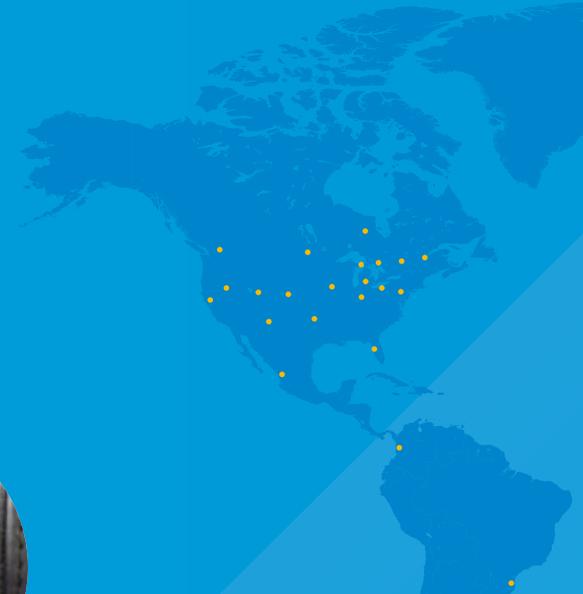
Kubicek has always been working closely with its clients. We listen carefully to the customer's needs and ideas which are constantly being implemented into the design. This makes our products innovative, modern and at the leading edge of technology.

**Want something out of the ordinary? Reach out to Kubicek!**



### ATTENTION TO DETAIL AND OVERALL QUALITY

Kubicek clients always recognize the highest level of craftsmanship in all parts of the balloon. Every piece is designed and fabricated down to the tiniest detail. Kubicek pays attention to not only the high added value of the equipment but also to overall design and quality.



### ↗ DEALERS NETWORK

Kubicek has a worldwide dealer network. Please call your local partner for any questions. Our dealers are ready to help you with the right product selection, sale, delivery and registration.

You will always get a ready-to-fly balloon. The dealer will also provide you with solid after-sales care. If there's no dealer in your country, please feel free to contact the factory and we will be more than happy to help you.

**HOT-LINE**

**+420 731 507 641 / SERVICE@KUBICEKFACTORY.COM**

**“IF YOU ASK WHETHER WE CAN MAKE IT, THE ANSWER IS ALWAYS YES. TOGETHER, WE THEN FIGURE OUT HOW TO BEST GO ABOUT IT.”**

This is how we work at Kubicek. If our wide selection of customer choices is not wide enough, we are always ready to modify the products according to the client's specifications and adopt it to their specific operation. In need of a special modification of your balloon or special conditions of delivery? Do not hesitate to contact us. Kubicek always finds the solution in cooperation with the client. Thanks to our own fabric mill, Kubicek is ready to modify even the design of the fabric.



## **AFTERSALES CARE, SERVICE HOT LINE**

After-sales care is second to none. The Kubicek factory team is always ready to help you wherever in the world you may be. We always listen carefully, and we're fast in replies. We also believe there is always a solution, and we consider this belief to be among our highest company values.

Have any questions regarding your balloon's maintenance or service?

**DO NOT HESITATE TO CALL MILAN. HE CAN ALWAYS HELP YOU.**

## **DELIVERY ON TIME**

Kubicek can deliver the balloon directly to the client. The average delivery time is usually under 10–12 weeks but can occasionally be more due to high demand and overall popularity of the brand. Kubicek does not make unrealistic promises. What is promised is always kept.

## **REASONABLE PRICING, CURRENCY**

Kubicek's prices are very reasonable compared to other manufacturers. We keep spare parts prices to a minimum. We can work with most of the world's main currencies such as EUR, USD, GBP, AUD and many others.

# KUBICEK SPECIAL SERVICES

## ONLINE SERVICES

We respond flexibly and responsibly to the demands of the market and our customers, which is why we have moved some of our services into the digital world:



### BALLOON NEW DESIGNER TOOL

Use our online designing tool to get your ideas into reality! Choose the desired envelope and textile and get a complete balloon visual.

Find more information at [designer.kubicekballoons.com](https://designer.kubicekballoons.com).



### SPARE PARTS CATALOGUE

Need a spare part? Our spare parts catalogue is the fastest and most convenient way of getting spare parts for Kubicek burners, envelopes, baskets, fuel cylinders and fans.

Find more information at [parts.kubicekballoons.com](https://parts.kubicekballoons.com).



### KUBICEK BALLOONS SHOP

Want to bring a bit of Kubicek to your home? Check out our e-shop with high-quality clothes and accessories branded by Kubicek Balloons.

Find more information at [shop.kubicekballoons.com](https://shop.kubicekballoons.com).





# KUBICEK FAMILY

## WE ALWAYS STAND BEHIND YOU, THE KUBICEK COMMUNITY

Kubicek is known as a brand that always stands behind its customers. We consider our clients members of the Kubicek family. As family, you are always welcome to contact us with any questions or requests you may have. Our clients often become friends with factory staff and happily share their flight experiences on social networks and on launch fields all over the world.

**WHEN WE SAY "WELCOME TO THE FAMILY" TO A NEW CLIENT, WE TRULY MEAN IT.**

## DTO PILOT SCHOOL ALL IN ONE PLACE

We provide comprehensive training for all those interested in obtaining a pilot license for hot air balloons. We are DTO approved, and students can train with us for private and commercial flights in all categories, including night flights and instructors. We train both new and current pilots maintaining flying currency. We also offer training to pilots interested in extending their instructor qualifications.

What our students appreciate most is that they have everything in one place – the facilities at the Kubicek Balloon Castle in Radešín include classrooms, a launch field with 360° flyability, propane station, and full-board accommodation for both pilots and their families. On top of that, we also offer on-site balloon rentals and chase trucks with drivers. Simply put, we arrange everything for you, letting you focus solely on training!

For more information, visit [ballooncastle.eu](http://ballooncastle.eu).

# KUBICEK POLYESTER FABRIC

Resistance against tears is now three times stronger than it used to be, packing is much easier due to its "soft touch", and the new coating with significantly decreased porosity is practically inseparable from the fabric. This reduces fuel consumption especially at later stages of the envelope service time.

**Fewer chemicals are used in production, the new coating is therefore more environmentally friendly.**

And what's more – Kubicek offers the widest color range on the market.

## POLYESTER MYTHS

Is polyester fabric heavy?

Is nylon fabric stronger than polyester?



↑ Answers  
to these questions



# POLYESTER LIFETIME

Many have proved that the ripstop polyester fabric lifetime is unmatched. Envelopes made of the polyester fabric easily reach 800 to 1,000 hours of flight time with no top panel replacement. With Kubicek envelopes, no "heavy nylon fabric on top" is needed to extend the life of the balloon! The result is both a lower envelope weight and lower envelope price.

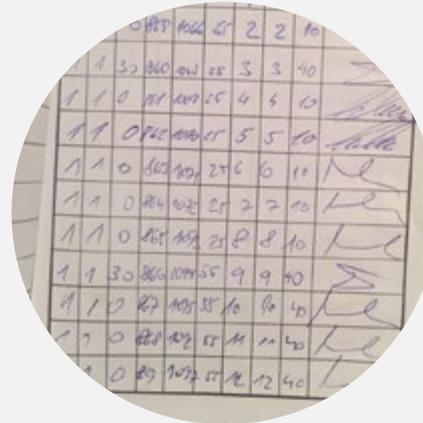
Balloon Logbook / 1,039 hours



# POLYESTER ADVANTAGES

## High temperature resistance

The fabric exposed to higher temperatures degrades very slowly, so you don't need to worry about shortened life when overheated!

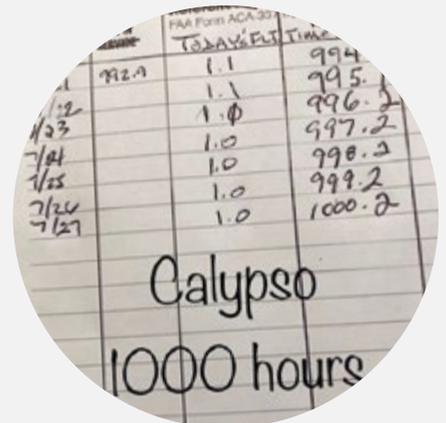


Balloon Logbook / 1,097 hours

## Moisture resistance

You needn't worry about packing a wet balloon. Polyester will not mildew, nor develop a rank odor when packed away wet. However, it is good practice to open the bag and let the balloon air out within a few days.

Balloon Logbook / 1,000 hours



## No hyperlast top needed

Hyperlast tops are a thing of the past, Kubicek Polyester itself ensures long envelope life time. This also means that you don't have to worry about different colours, extra cost and weight.

One is brand new, the other has over 400 hours. Can you tell which is which?

## Colour stability →

Colours stay bright and shiny for the balloon's entire lifetime. Colour bleeding is non-existent.

## First-class quality

We have absolute control over the entire production. We know everything about the quality of the fabric, which we oversee from the very first fibre through to the ready-to-use fabric. You can therefore rely on a constant and high level of quality – there are no good and bad years of Kubicek fabric. Just the good ones.



# KUBICEK POLYESTER — LIGHT —

**Kubicek Polyester Light** is perfect for occasional pilots, weighing only 45 g/m<sup>2</sup> (1.3 oz/sq yd) and reducing envelope weight by 25–30%. Its lightweight design is easy to handle and ideal for Special Shapes.

- Recommended for private use and special shapes
- Easy packability
- Envelope volume up to 3,400 m<sup>3</sup> (120)
- Expected lifetime 400–500 hours



Terrain use recommendation

# KUBICEK POLYESTER — ECO LIGHT —

A lightweight balloon fabric, available exclusively in silver, designed to reduce fuel consumption and enhance flight efficiency, offering fuel-saving benefits with careful handling.

**NEW**

- Recommended for private use and special shapes
- Easy packability
- Envelope volume up to 3,400 m<sup>3</sup> (120)
- Expected lifetime 400–500 hours

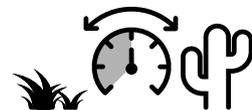


Terrain use recommendation

# KUBICEK POLYESTER

Kubiček Polyester fabric, developed in-house, now features a new generation with enhanced properties. Available in 30 shades, we can also create custom colors on request.

- Recommended for corporate balloons and suitable for trainings flights
- Passenger ride operations smaller envelope
- Envelope volume 2,200 m<sup>3</sup> (77)–13,000 m<sup>3</sup> (460)
- Expected lifetime 800–1,000 hours
- Digital printing



Terrain use recommendation

### Estimated envelope weight

Envelope size	Estimated envelope weight			
	Kubicek Polyester Light	Kubicek ECO Light	Kubicek Polyester	Kubicek ECO
BB20E (70)	60 kg (132 lb)	67 kg (148 lb)	80 kg (176 lb)	87 kg (192 lb)
BB26E (90)	75 kg (165 lb)	83 kg (183 lb)	100 kg (220 lb)	109 kg (240 lb)
BB30Z (105)	93 kg (205 lb)	103 kg (227 lb)	125 kg (275 lb)	136 kg (300 lb)



# KUBICEK POLYESTER ECO

The world's only fuel-efficient balloon fabric, available exclusively in silver, designed to reduce fuel consumption, enhance flight efficiency, and maintain its properties even when scratched or dirty.

## NEW

- Recommended for corporate balloons and passenger ride operations smaller envelope
- Envelope volume 2,200 m<sup>3</sup> (77)–13,000 m<sup>3</sup> (460)
- Expected lifetime 800–1,000 hours



Terrain use recommendation

# KUBICEK POLYESTER RESIST

This advanced polyester fabric revolutionizes performance with its exceptional tear strength and durability. It's lightweight, long-lasting, and ideal for pilots seeking gas savings and reliability.

## NEW

- Recommended for passenger ride operations
- Envelope volume 6,000 m<sup>3</sup> (210)–13,000 m<sup>3</sup> (460)
- Expected lifetime more than 1,000 hours
- Exceptionally tear resistant



Terrain use recommendation

# DUNLOP COATED TEXTILES

Kubicek offers the best quality **Hyperlast fabric** made by Storm proofings Ltd (formerly Coating Applications), England.

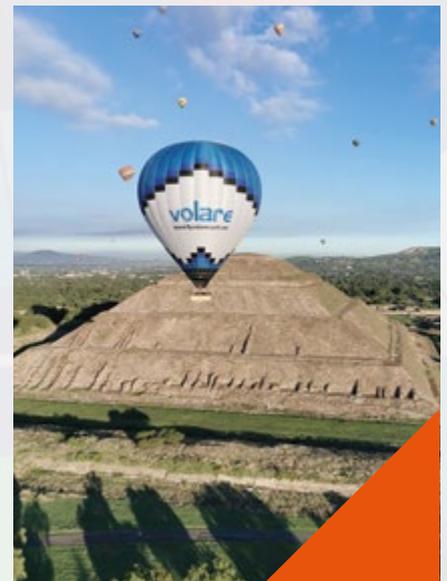
- Recommended for passenger ride operations in the roughest conditions
- Envelope volume above 6,000 m<sup>3</sup> (210)
- Expected lifetime more than 1,000 hours
- Durable fabric



Terrain use recommendation

### Estimated envelope weight

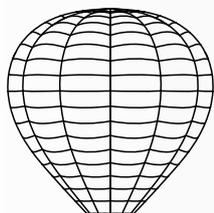
Envelope size	Estimated envelope weight	
	Kubicek Polyester Resist	Hyperlast
BB85Z (300)	303 kg (667 lb)	333 kg (734 lb)
BB105P (305)	335 kg (739 lb)	369 kg (814 lb)
BB120P (425)	352 kg (776 lb)	387 kg (853 lb)





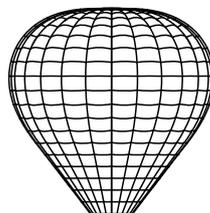
# ENVELOPE SPECS

Kubicek offers envelopes for leisure balloonists, competition pilots, adventure seekers or commercial operators. The size range covers 900 m<sup>3</sup> (31) – 18,400 m<sup>3</sup> (650) in several series.



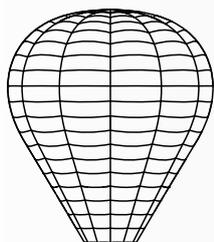
## **E AND EF SERIES**

for private  
easy flying



## **Z SERIES**

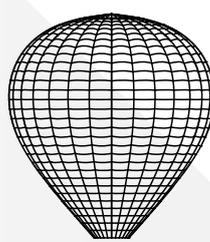
for corporate  
and ride flying



## **M SERIES**

easier piloting in  
mountains, narrow  
valleys and canyons

Its flight performance  
is somewhere between  
racing and regular  
envelopes.



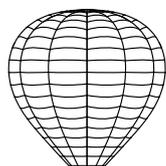
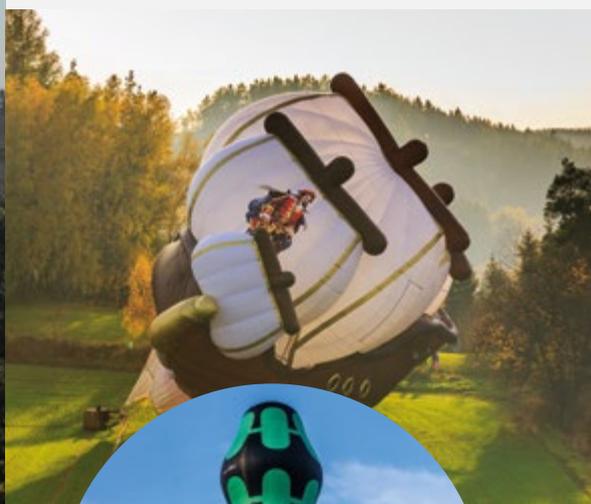
## **P SERIES**

the largest passenger  
balloons



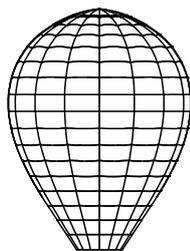
## ▹ SPECIAL SHAPES

Kubicek's team of designers can build even very complex shapes where the only limitation is your imagination and volume of hot air. For shapes, we highly recommend the Kubicek Polyester Light fabric – the envelope is much lighter and packing is no longer an issue.



## D AND ED SERIES

diagonal cut (chevron)  
available from 2,000 m<sup>3</sup>  
(70) to 4,000 m<sup>3</sup> (140) with  
12 gores (ED type)  
or 24 gores (D type)



## XR SERIES

for potential championship winners

## ↓ RACERS

Kubicek also makes Racing and Super sport envelopes from 1,450 m<sup>3</sup> (51) up to 3,000 m<sup>3</sup> (105). These high-performance models are designed to be ultra-responsive, remain stable and tight at very high vertical speeds.

The racer shape minimizes shape distortion during high-speed descents, while improving overall operation.



## FAST DEFLATION SYSTEM AND ROTATION VENTS

Kubicek's fast deflation system Slide Vent is known for its easiness of use. Especially (but not only) for Australian clients, the system can be modified into the three-line system commonly known as "Tri-Lite". The Slide Vent is unrivalled in safety, comfort, and price.

Kubicek dual rotation vents are remarkable in their responsiveness. **The speed of rotation can be doubled when 2 windows are used instead of 1.**

## ↑ DIGITAL PRINT

Special digital printing technology is able to color the individual yarns in the weave with an image.

Kubicek printing technology is known for its vibrant of colours and high resolution which brings unequalled realism to the image. This kind of reproduction does not crack or peel. In fact, the image is just as visible on the inside of the balloon as the outside. Glowing a balloon is as bright and clean as it gets.

## THE ENVELOPE BASE PRICE INCLUDES

**Each envelope includes carabiners, a full nomex mouth, nomex scoop, custom build operation ropes with nomex covers, deflation system, crown line, sewn on registration number and document bag.**

Envelopes 3,700 m<sup>3</sup> (130) and larger include the fast deflation system Slide Vent, dual rotators in their base price and extra crown line.



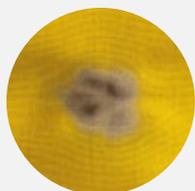
# KUBICEK PASSENGER BALLOONS FLY WORLDWIDE

– from Australia to the USA  
– from Canada to South Africa

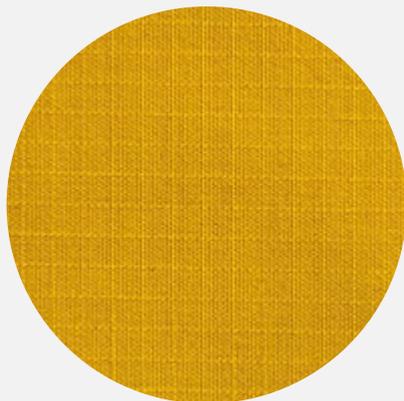
## ↓ ENVELOPE RANGE

### ↑ DIAGONAL PATTERN

Our special diagonal cut (chevron) design allows for great colourful exhibitions on the envelopes.



REGULAR Nomex



RIPSTOP RESISTANT Nomex

### ↗ RIPSTOP RESISTANT NOMEX

All standard features of nomex remain. Tear strength is 2.5 times higher in comparison to standard nomex without the ripstop structure.

What's more, the ripstop resistant nomex fibre is dye resistant – no colour change after prolonged contact with the flame. We offer nine basic colours. All other features of regular nomex remain.

### EASY USE OF OTHER MANUFACTURERS BOTTOM END

We can modify the envelope free of charge to fit your current bottom-end. There are no further requirements other than knowing your burner frame dimensions and your burner, basket, and fuel tank specifications.

Envelope volume		Model								
m <sup>3</sup>	cuft	E	EF	Z	P	M	ED	D	XR	
900	31	+	+							
1,200	42	+	+							
1,400	49								+	
1,600	56	+	+						+	
1,700	60								+	
1,800	64	+							+	
2,000	70	+					+		+	
2,200	77	+		+		+	+	+	+	
2,600	90	+		+		+	+	+	+	
3,000	105	+		+		+	+	+	+	
3,400	120	+		+			+	+		
3,700	130			+				+		
4,000	140			+				+		
4,200	150			+						
4,500	160			+						
5,100	180			+						
6,000	210			+						
6,400	225			+						
7,000	247			+						
7,800	275			+						
8,500	300			+						
9,200	325			+						
10,000	350			+						
10,500	370				+					
10,600	375				+					
11,300	400				+					
12,000	425				+					
13,000	460				+					
14,200	500				+					
15,000	530				+					
17,000	600				+					
18,400	650				+					

**The Kubicek basket presents a combination of art and craft. They are nothing short of beautiful but also extremely safe and secure. Don't miss the lightweight sport baskets!**



# BASKET SPECS

## BASKET DOOR

Kubicek basket doors are quick and easy to operate yet safe and secure in flight. They have been installed in hundreds of baskets in every balloon environment. Kubicek is currently building more baskets with doors than without. It's the preferred option of almost every private pilot and the majority of ride operators. Why? It makes their life A LOT easier! Kubicek can install doors to all basket sizes – from small to the largest ride basket.

↑↑ Check out the 4 door design on the TT basket!



## CUSTOM BASKET DESIGN

Every balloon operator has their own style that may require a unique basket design. Kubicek provides knowledgeable assistance in adopting the basket accordingly. Baskets can be built to the height required by the customer. Customize your basket with a wide range of custom options – different leather colours, colourful wickers, embroidery on pole covers, and countless other options and choices. In small baskets, you can even select a composite floor to save basket weight or a certified seat for disabled passengers!

←

**AND PLEASE, IF YOU HAVE A UNIQUE IDEA, FEEL FREE TO LET US KNOW. IT'S THE CHALLENGES THAT PUSH US FORWARD!**

Kubicek baskets can carry a pilot and 1–33 passengers in every layout you can imagine.

# BASKET RANGE



ALL THE MODELS COME  
**FULLY  
EQUIPPED**  
IN "READY TO FLY"  
CONFIGURATION.

No extra payments for mandatory equipment such as the fire extinguisher, fire blanket, first aid kit, drop line. Even the pilot restrain harness is included! ↓

<b>K10S/K10C</b> Pilot 1.16×0.86	<b>K13S/K13C</b> Pilot+1 1.2×1	<b>K13</b> Pilot+2 1.25×1.16	<b>K14</b> Pilot+3 1.35×1.16	<b>K17</b> Pilot+3 1.45×1.16	<b>K19</b> Pilot+4 1.55×1.16	<b>K19L</b> Pilot+4 1.62×1.16
<b>K22</b> Pilot+5 1.8×1.25	<b>K23</b> Pilot+5 1.8×1.25	<b>K25P</b> Pilot+6 2.1×1.25	<b>K28T</b> Pilot+6 2.2×1.6	<b>K28Y</b> Pilot+6 2.2×1.6	<b>K28H</b> Pilot+6 2.35×1.6	
<b>K30PP</b> Pilot+8 2.6×1.25	<b>K32T</b> Pilot+8 2.4×1.6	<b>K32Y</b> Pilot+8 2.4×1.6	<b>K32TT</b> Pilot+8 2.5×1.6	<b>K40Y</b> Pilot+10 2.7×1.6	<b>K40T</b> Pilot+10 2.7×1.6	
<b>K40TTA</b> Pilot+10 2.7×1.6	<b>K50T</b> Pilot+12* 3×1.6	<b>K50Y</b> Pilot+12* 3×1.6	<b>K50TT4/TT8</b> Pilot+12 3×1.6	<b>K50TTA</b> Pilot+12 3×1.6	<b>K55X</b> Pilot+14 3.45×1.6	
<b>K55TTA</b> Pilot+14 3.45×1.6	<b>K58HH</b> Pilot+12 3.8×1.6	<b>K60TT</b> Pilot+16 3.8×1.6	<b>K60X</b> Pilot+16 3.9×1.6	<b>K65TTA</b> Pilot+18* 4.1×1.6	<b>K70TT</b> Pilot+20* 4.4×1.6	
<b>K70TTA</b> Pilot+20* 4.4×1.6	<b>K80TT</b> Pilot+24* 4.8×1.6	<b>K85TT</b> Pilot+24 5.2×1.6	<b>K90DTT</b> Pilot+24 5.2×1.6	<b>K100DTT</b> Pilot+28 6.1×1.6	<b>K110DTT</b> Pilot+32 6.6×1.6	

**K110DTT** Basket Model  
**4** MAX. number of passengers in each compartment  
 6.6x1.6 Size in metres  
 \* Highly recommended: choose a larger basket for greater convenience

THE FIRST  
**TRULY  
COLLAPSIBLE  
BASKET**  
ON THE MARKET!



**FULL FEET  
PROTECTION**



**FITS IN  
A MINIVAN**



**EASY  
ACCESS**



**EXTRA WALL  
PROTECTION**



← WATCH IT  
IN ACTION

## K13C

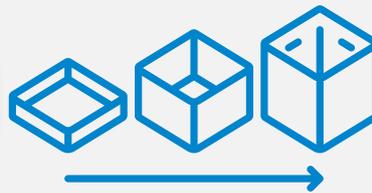
<b>max. capacity</b>	2 passengers & 1 pilot
<b>dimensions</b>	1,25 x 1,00 m (4.10 x 3.28 ft)
<b>empty weight (with equipment)</b>	65 kg (143 lbs)
<b>max. load capacity</b>	550 kg (1,212 lbs)

## K10C

<b>max. capacity</b>	1 passenger & 1 pilot
<b>dimensions</b>	1,15 x 0,87 m (3.77 x 2.85 ft)
<b>empty weight (with equipment)</b>	55 kg (121 lbs)
<b>max. load capacity</b>	455 kg (1,003 lbs)



Assemble it yourself  
in under 2 minutes!



### ↓ COMPATIBLE WITH

- Envelopes up to BB45Z (the K10C with envelopes up to BB37Z)
- Sirius or Ignis Plus burners
- Up to 4 fuel cylinders (Queen or Prince)



# BURNERS



They are suitable for balloons up to 4,000 m<sup>3</sup> (140). The clever design of the parallel Blast Valve and Whisper Valve triggers on one side allow for a one hand "Double Burner" drawing from separate fuel.

## SIRIUS BURNER

**SIRIUS BURNERS HAVE THE BEST POWER TO WEIGHT RATIO ON THE MARKET.**

The ergonomic design and trigger actuation remain the key components of the Sirius burners. The burner frame allows for smooth, easy articulation, and tension is adjustable on the fly. The center jet included minimizes any condensation. Ease of maintenance is enhanced by a designed side opening. Parts availability is no issue as most components are compatible with the Ignis Plus Burner. Dual pilot lights and fuel sources are standard for safety and redundancy.

# IGNIS BURNER

Ignis Plus burners are very powerful and quiet. They are also ergonomically designed to be operated as a **2, 3, 4-unit** with just one hand. Liquid pilot light as the standard, vapour as a free option. Several types of burner jets allow to adjust the burner for different environment conditions and fuel types.

Can't choose from the standard colours? We can paint the pots any colour or print any graphics you want. There are almost no limits to the imagination. The choice is all yours.



## ↓ IGNIS VARIO



The height of the Ignis burner used on baskets from the K10 up to the K22 can be easily adjusted by incorporating a variable height frame. This frame allows the burner to be raised by up to +10 cm (4 inch) or lowered by 4 cm (1.5 inch) from its standard height.

Once positioned, the lever is released and the burner's height is locked in place until you want to change it. This is all done quickly on the fly.



## ↓ IGNIS CYRO

The Ignis burner with the Gyro option allows for gimbaling but returns the burner back to center automatically when released. No more burned scoops and nomex panels due to misorientated burners!





41 kg – 22 gal

KING SIZE

**36 kg – 19 gal**

**PRINCE SIZE**

30 kg – 16 gal

QUEEN SIZE

# FUEL CYLINDERS

→ WE OFFER FUEL CYLINDERS IN 3 SIZES

## QUEEN SIZE

Standard size applicable to every type of basket.

## PRINCE SIZE

Two cylinders instead of three while providing more open space and less weight inside the basket.

## KING SIZE

The biggest cylinder on the market dedicated to ride operations.



Kubicek's fuel cylinders have fuel gauges with coloured scales so that pilots can **easily recognise the fuel level**. Quick shut off valves and cylinder covers are included at no extra cost.

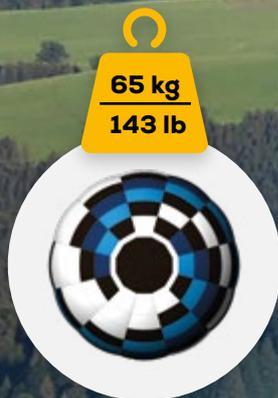
The advantage of our fuel cylinders is the bigger usable capacity (+5%) for the same size tank. Made from Duplex stainless steel, our cylinders provide extra safety due to robot welding. Another popular option is custom embroidery on the cylinder cover. Just send your picture/logo and we'll gladly customize your fuel cylinders.



	Queen size	Prince size	King size
<b>100 % water capacity</b>	72 l (19 gal)	85 l (22.4 gal)	97 l (25.6 gal)
<b>Fuel volume</b>	61.2 l (16.2 gal)	72 l (19 gal)	82.5 l (21.6 gal)
<b>Fuel weight / PROPANE</b>	30 kg (66 lb)	36 kg (79.3 lb)	41 kg (90.4 lb)
<b>Fuel weight / LPG</b>	34 kg (75 lb)	40 kg (88.1 lb)	46 kg (101.4 lb)
<b>Empty weight</b>	20 kg (44 lb)	22 kg (48.5 lb)	24 kg (52.9 lb)
<b>Total weight / PROPANE</b>	50 kg (110.2 lb)	58 kg (127.8 lb)	65 kg (143.3 lb)
<b>Total weight / LPG</b>	54 kg (119 lb)	62 kg (136.6 lb)	70 kg (154.3 lb)

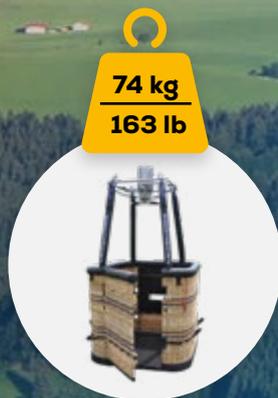
# LIGHT-WEIGHT OPTIONS

Starting from just  
**273 kg / 602 lb** ↓



**65 kg**  
**143 lb**

**Envelope  
BB22E (77)**



**74 kg**  
**163 lb**

**K13 basket  
with door**



**116 kg**  
**256 lb**

**2 full Prince  
Cylinders**



**18 kg**  
**40 lb**

**Sirius 2-in1  
single burner**

Reduce your envelope weight by 25–30% with the Next Generation of Kubiček Polyester Light.

With our super light options, this basket saves you more than 23% of weight.

Less weight and more usable basket space with 38 gal of usable fuel.

The best power to weight ratio on the market suitable for balloons up to 4,000 m<sup>3</sup> (140).

# WANT TO REDUCE THE WEIGHT OF YOUR BASKET?

Our primary objective has been to reduce the weight of our hot air balloons, with a particular emphasis on Kubíček baskets. Today, we're excited to offer a range of light-weight options that can help you achieve more than a 20% reduction in basket weight. All these light-weight baskets feature doors, which not only enhance the user experience but also ensure maximum comfort. Take a look at the available options below.

## THESE OPTIONS WILL SAVE YOU MORE THAN 20% BASKET WEIGHT

↘  
**Smaller diameter frame tubes**  
(door included)

↘  
**Thinner soft floor**

↘  
**Thinner drop-line tape, smaller pocket**

↘  
**Small basket pocket**

↘  
**Lightweight floor runners**

↘  
**Lightweight basket weave**



↓  
**How much weight can these options save me?**

Basket type	Saved weight (kg/lb)	Saved weight (%)
<b>K13</b> (with a door)	-22 kg / -48 lb	<b>-23%</b>
<b>K14</b> (with a door)	-21 kg / -47 lb	<b>-21%</b>
<b>K17</b> (with a door)	-21 kg / -47 lb	<b>-19%</b>
<b>K19</b> (with a door)	-20 kg / -45 lb	<b>-17%</b>
<b>K19L</b> (with a door)	- 18 kg / -40 lb	<b>-15%</b>

# WE ARE KUBICEK FACTORY



## ↓ COME VISIT US!

Come and see how production at Kubicek works!

Visit our **Kubicek Factory** in Brno and watch our team of experts in action. The Kubicek factory is the only purpose-built balloon factory in the world. It features the latest automatic cutting, coating, and testing machines that are unrivaled globally.

Next, we'll show you the **Kubicek textile mill**, where you'll see how we independently make, test, and improve our unique balloon-specific fabric. Our fabric is designed to meet the special needs of hot air balloons: lightweight, long-lasting, UV-resistant, colorfast, abrasion-resistant, and reasonably priced. **No other fabric supplier can meet all, or even most, of these needs.**

In the evening, we'll head to the **Kubicek Castle in Radešín** for a joint balloon flight, where you

can test fly our balloons yourself! The 800-year-old castle is currently being renovated by the Kubicek family and is home to our **flight center** and the **factory museum**, showcasing the incredible story of the origins of balloon production in the Czech Republic. Conclude the Kubicek three-part outing with accommodation in our charming castle, including great Czech food and drinks.

**Call us to arrange your trip! We'll be delighted to meet you!**

**DURING KUBICEK'S MORE THAN 30 YEARS OF EXISTENCE,  
WE HAVE PRODUCED ↓**



**2,400 envelopes**



**1,400 baskets**



**2,800 burner units**



**WE ALSO  
MANUFACTURE  
AIRCRAFT AND  
INFLATABLES**



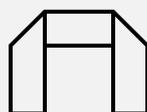
**At Kubicek Factory, we produce not only hot air balloons but also special inflatables, ultralight and LSA aircraft.**

We build products for the air in many different forms. Our hot air balloons (Kubicek Balloons) soar on air currents, our custom inflatables (Kubicek Visionair) depend on air whilst our airplanes (Kubicek Aircraft) slice right through it!

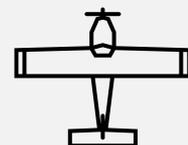
## KUBICEK FACTORY IN NUMBERS



**2,000** cylinders



**20,000** inflatables



**8** airplanes

# KUBICEK BALLOONS

FLY KUBICEK / 2025\_06 / design KREATURA.CZ



Co-funded by  
the European Union

[KUBICEKBALLOONS.COM](https://kubicekballoons.com)