

**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 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.

# KUBICEK SPECS



→  
**FLEXIBILITY,  
COOPERATION.  
OUR ANSWER IS  
YES**



### ↗ 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 ONDŘEJ.  
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:

↓  
**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).

# ENVELOPE FABRIC

**Kubicek is the only manufacturer in the world who makes its own fabric.**

When we began making balloon fabric, we chose to make polyester because of its **long life, higher heat capabilities** and its **resistance to moisture degradation**. Kubicek has its own experienced fabric development team which **constantly improves the fabric characteristics and features**.

## KUBICEK POLYESTER FABRIC NEXT GENERATION

**Kubicek recently introduced the new generation of its polyester fabric which improves fabric performance in many ways.**

### KUBICEK POLYESTER

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 ecological and friendly.**

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





# 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.

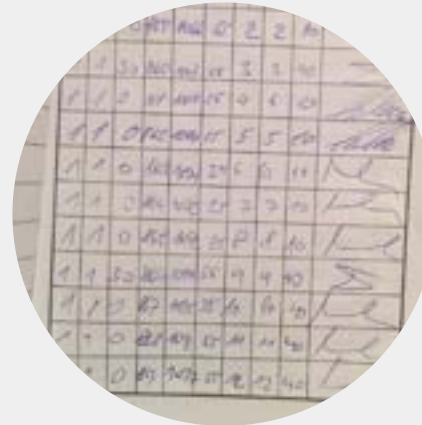
Balloon Logbook / 1,039 hours



# 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



## Repels dust and dirt

The polyester fabric does not attract dust and dirt every time your envelope comes into contact with sandy or dusty ground.

## Colour stability →

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

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

## 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.





## THE NEXT GENERATION

**Kubicek Polyester Light** is ideal for pilots who don't fly daily. It weighs only 1.3 oz, resulting in a decrease in the envelope's weight by 25-30 % compared to Kubicek Polyester fabric. On top of that, it's VERY easy to handle and works well with Special Shapes.

Envelopes made of Kubicek Polyester Light easily reach up to 500 hours! All the advantages of Kubicek Polyester remain.

- › Fabric tear strength is **3x stronger**
- › The potential for increased porosity has been minimized thanks to our new coating formula
- › Lower gas consumption through greater airtightness
- › New "soft touch" surface
- › Reduced ecological impact

Envelope size	Estimated envelope weight	
	Kubicek Polyester	Kubicek Polyester Light
BB20E (70)	80 kg (176 lb)	60 kg (132 lb)
BB26E (90)	100 kg (220 lb)	75 kg (165 lb)
BB30Z (105)	125 kg (275 lb)	93 kg (205 lb)

## HEAVY NYLON FABRIC

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

However, if you don't land in rocky deserts or rough terrains often, you don't need to consider the Hyperlast fabric at all. You can get the same or better long-life material by using Kubicek Polyester. Your envelope will be both lighter and more affordable without the Hyperlast surcharge.

Envelope size	Estimated envelope weight	
	Kubicek Polyester	Hyperlast
BB85Z (300)	275 kg (606 lb)	333 kg (734 lb)
BB105P (305)	305 kg (672 lb)	369 kg (814 lb)
BB120P (425)	320 kg (705 lb)	387 kg (853 lb)



## Is polyester fabric heavy?

Polyester fabric is a bit heavier than typical nylon fabric (by few grams per square meter). On a 4,000 m<sup>3</sup> (140) envelope, the weight difference would be around 5 kg (10 lb). The benefit is that you don't need "heavy nylon fabric," which would increase the 4,000 m<sup>3</sup> (140) envelope weight by more than 10 kg (20 lb).

The lifetime of a Polyester envelope and "heavy nylon fabric" envelope is comparable (can last in excess of 1,000 hours) with several benefits in favour of the Polyester envelope - lighter, more cost effective and no colour difference between the nylon fabric top and bottom part of the envelope.

# POLYESTER MYTHS



## Is nylon fabric stronger than polyester?

Indeed. But only when the envelope is brand new. Nylon fabric degrades a lot faster, so a couple of hundred hours later, the polyester becomes stronger. The real question is not which fabric is stronger, but rather how many hours you can fly before reaching the minimum fabric strength limit (so called grab test) - and polyester provides many more hours!

## Why the 124 °C limit?

Due to high fuel consumption which occurs with higher envelope temperatures. Kubicek Polyester can simply take 150 °C with no structure issues or damage to envelope lifetime. Lack of fuel, however, can be a real issue.

## Why don't other manufacturers use polyester fabric?

Some of them would like to, but it's unavailable on the open market. Kubicek is the only manufacturer with its very own fabric mill.



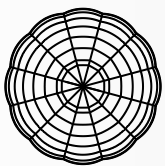
# ENVELOPE SPECS

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

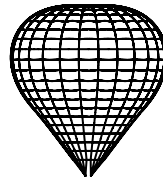
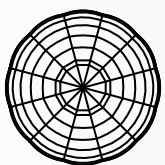
for private easy flying



## M SERIES

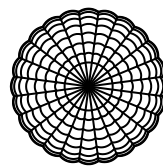
easier piloting in mountains, narrow valleys and canyons.

Its flight performance is somewhere between racing and regular envelopes.



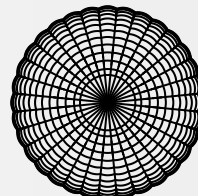
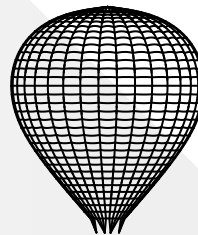
## Z SERIES

for corporate and ride flying



## P SERIES

the largest passenger balloons





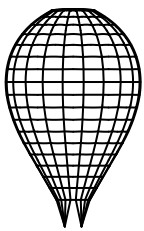
## ↳ SPECIAL SHAPES

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.



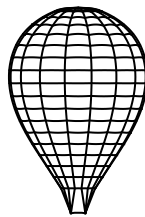
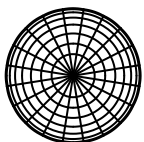
## XR SERIES

for potential championship winners



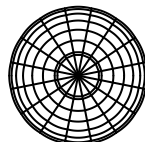
### ↓ SUPER SPORT

You may not win the World Championship, but you will experience a big chunk of excitement, adrenalin and amusement with your whole family in one basket!



### ↓ 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 "Lite Vent". 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 literally colour the yarns in the weave with an image.

Kubicek printing technology is known for its brightness 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 and dual rotators in their base price.

# 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 to build great colourful exhibitions on the envelopes.



### ↗ RIPSTOP NOMEX

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

What's more, the rip-stop nomex fibre is dye resistant – no colour change after contact with the flame. We offer six basic colours.

### 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	XR	M	Super Sport	Diagonal
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 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</b> Pilot 1.16×0.86	<b>K13S</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+12 3.8×1.6	<b>K60X</b> Pilot+12 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  
Pilot+12 Optimal number of occupants  
**4** MAX. number of passengers in each compartment  
6.6×1.6 Size in metres

**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

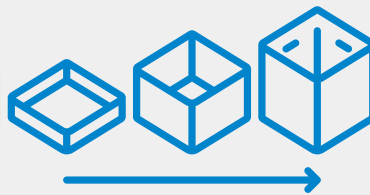
<b>max. capacity</b>	2 passengers & 1 pilot
<b>dimensions</b>	1,25 x 1,00 m (4.10 x 3.28 ft)
<b>empty weight (with equipment)</b>	65 kg (143 lbs)
<b>max. load capacity</b>	550 kg (1,212 lbs)

## 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 centre 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 operate 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 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!



## ↓ 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.



# FUEL CYLINDERS

→ WE OFFER FUEL CYLINDERS IN 3 SIZES

## QUEEN SIZE

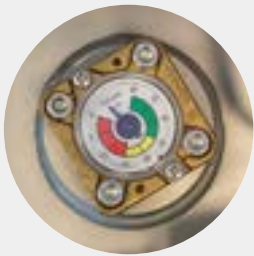
Standard size applicable to every type of basket.

## 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.

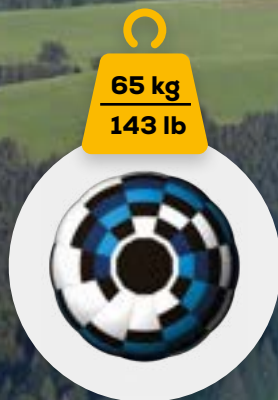
The advantage of our fuel cylinders is the bigger usable capacity (+5 %) for the same size tank. Made from Duplex stainless steel, our cylinders provide extra safety due to robot welding. Another popular option is custom embroidery on the cylinder cover. Just send your picture/logo and we'll gladly customize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

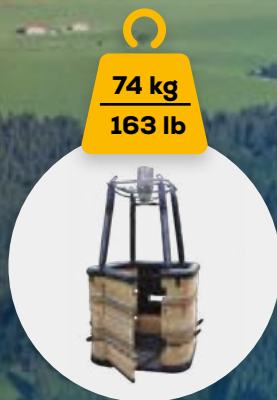
# LIGHT-WEIGHT OPTIONS

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



**Envelope  
BB22E (77)**

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



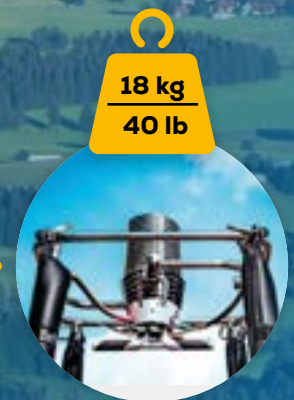
**K13 basket  
with door**

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



**2 full Prince  
Cylinders**

Less weight and more usable basket space with 144 l / 38 gal of usable fuel.



**Sirius 2-in1  
single burner**

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 tubes frame**  
(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!** We'll show you our factory and team of experts in Brno. The Kubicek factory is the only purpose-built balloon factory in the world. It owns the latest automatic cutting, coating and testing machines that are unrivalled in the world.

After a tour of the textile mill, you will soon realize that Kubicek is in control of its own destiny as the only manufacturer making, testing and improving its balloon specific fabric so that it meets the unique requirements of a hot air balloon (lightweight, long lasting, UV resistant, colour fastness, abrasion resistant and reasonably priced). **There is no other fabric supplier out there that's able to meet all or even just most of these needs.**

In the evening, we'll end our excursion with a joint balloon flight at **Kubicek Castle in Radešín**, where you'll test fly our balloons in person. The castle is 800 years old and currently being renovated by the Kubicek family. It is home to our flight centre and the factory Museum, showing the incredible story of the origins of balloon production in the Czech Republic. Experience the Kubicek three-part outing with accommodation in a romantic castle, including great Czech food and drinks. **Call us to arrange your trip! We'll be delighted to meet you!**

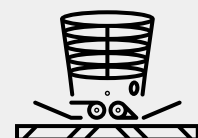
**DURING KUBICEK'S MORE THAN 30 YEARS OF EXISTENCE,  
WE HAVE PRODUCED ↓**



**2,300 envelopes**



**1,300 baskets**



**2,750 burner units**



**WE ALSO  
MANUFACTURE  
AIRCRAFT AND  
INFLATABLES**



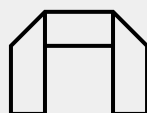
**At Kubicek Factory, we produce not only hot air balloons but also special inflatables, ultralight and LSA aircraft.**

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 slice right through it!

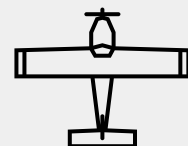
## KUBICEK FACTORY IN NUMBERS



**2,000** cylinders



**20,000** inflatables



**8** airplanes

**KUBICEK**  
**BALLOONS**

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