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.



YOU WON'T BE ALONE

Kubicek Balloons is the biggest US importer with over 300 balloons already delivered to the USA.

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

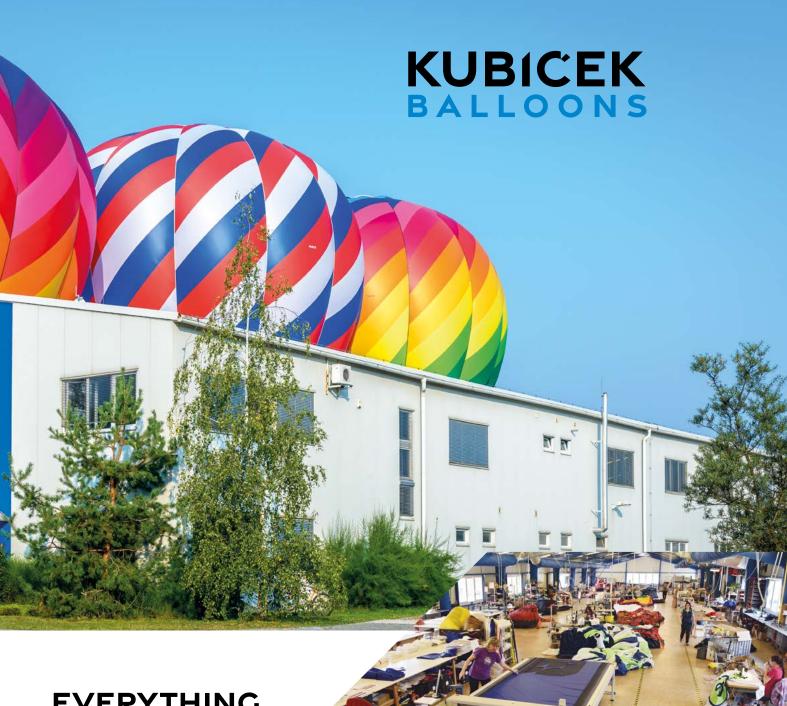


Kubicek Balloon's depth of experience is vast, having built systems for use in all parts of the world.

Over 2,300 balloons have been manufactured.

Sizes range from 31,000 to 650,000 cubic feet.

Our current annual production is over 180 balloons a year.



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.

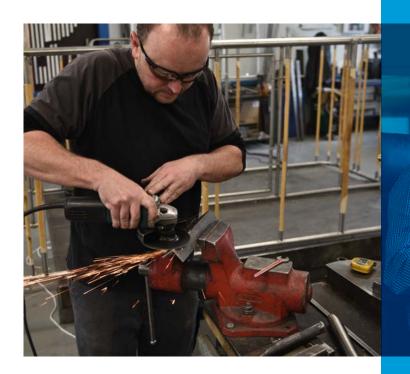


FAA CERTIFIED

Kubicek has a US Type Certificate for all its models. This means that they come with a Standard US Airworthiness certificate and registration. This is the highest level of approval available in the US.

VINNOVATIONSBASED ON THE MARKET FEEDBACK

KUBICEK SPECS



FLEXIBILITY, COOPERATION. OUR ANSWER IS YES

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!







DEALERS NETWORK

Kubicek has a dealer network across the US.

Please call any one of them if you have any questions (see the back cover page for the list) or feel free to contact US general sales manager

Mike Bauwens.

Our dealers are ready to help you with the right product selection, sale, delivery and registration. You will always receive a ready-to-fly balloon. The dealer will also provide you with solid aftersales care.

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.

SPARE PARTS WITH NO DELAY

With every purchase, Kubicek includes a sufficient quantity of spare fabric in each color (including nomex) used in your balloon. In the event more fabric or other parts are needed, most spare parts are stocked in the US for quick delivery. Just contact

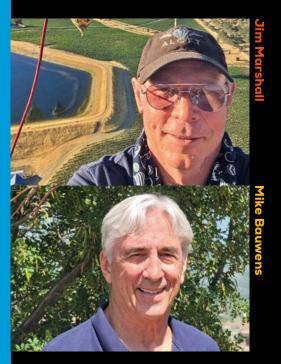
Jim Marshall.

"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.

SERVICE HOT-LINE

(707) 287-6778



EASY MAINTENANCE

The US has many repair stations approved to work on Kubicek balloons. In the event that your repair station is without Kubicek approval, your dealer will assist your repair station in getting approved. It is a very simple process. Use our service hot line if you have any further questions.

DELIVERY ON TIME / SHIPPING

Kubicek can deliver the balloon directly to the client. The average delivery time is 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.

Most balloons are delivered by air or shipped to the US according to the customer's requirements. Your dealer will help you with shipping. When coupled with Kubicek's unbeatable price point, the shipping costs are not significant. Import fees are also nominal as there is no duty required for hot air balloon imports.

REASONABLE PRICING, CURRENCY

Kubicek's prices are very reasonable compared to other manufacturers. We keep spare parts prices to a minimum. Ask your local dealer for more details on the current pricing of major components.

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 JIM MARSHALL OR MIKE BAUWENS.

They will always help you.

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:

4

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.





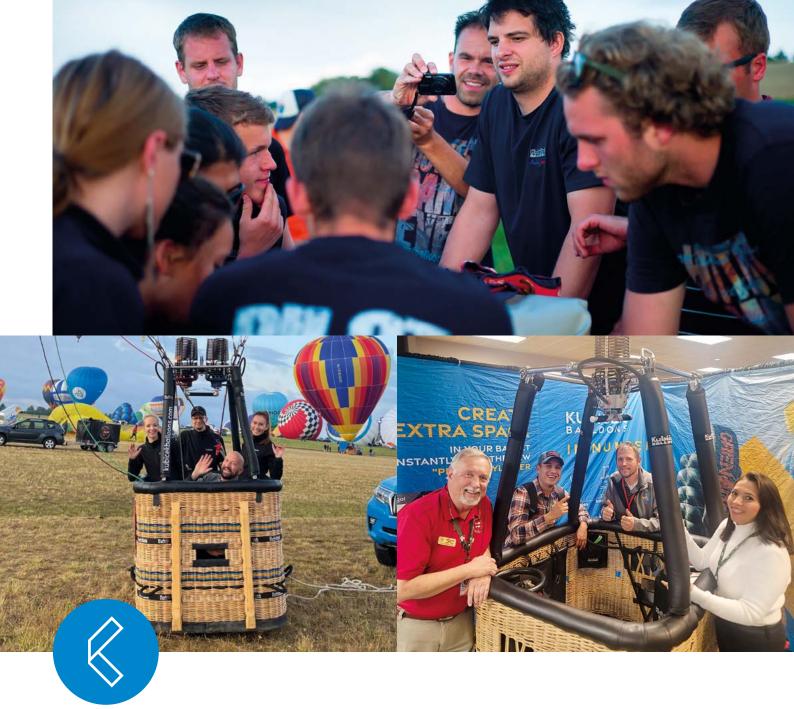
KUBICEK BALLOONS SHOP

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**.







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.

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.

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!

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.

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.

Color stability →

Colors stay bright and shiny for the balloon's entire lifetime. Color 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.

Balloon Logbook / 1,039 hours





Balloon Logbook / 1,097 hours





One is brand new, the other has over 400 hours.

Can you tell which is which?



KUBICEK POLYESTER

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

- Recommended for private use and special shapes
- → Easy packability
- → Envelope volume up to 120,000 cubic feet
- → Expected lifetime 400-500 hours



Terrain use recommendation

	Estimated envelope weight		
Envelope size	Kubicek Polyester Light	Kubicek Polyester	
BB20E (70)	132 lb	176 lb	
BB26E (90)	165 lb	220 lb	
BB30Z (105)	205 lb	275 lb	

KUBICEK

Polyester fabric Kubíček is a basic type of fabric that we develop and produce ourselves. We have recently introduced it in a new generation with many improvements. The fabric is available in 30 shades, and we can also produce your favorite color on request.

- Recommended for corporate balloons and suitable for trainings flights
- → Passenger ride operations smaller envelope
- → Envelope volume 77,000-460,000 cubic feet
- → Expected lifetime 800-1,000 hours
- → Digital printing



Terrain use recommendation



KUBICEK POLYESTER RESIST

DUNLOP COATED TEXTILES

This fabric is **crafted as an advanced polyester solution** and revolutionizes with its **exceptional performance**. The Polyester Resist has unmatched tear strength against wear and tear and is intended for semi rough terrains. It offers exceptional longevity while reducing overall weight compared to other materials of the same durability. These features make it the preferred choice for pilots looking for gas saving while maintaining a long service life.

NEW

- → Recommended for passenger ride operations
- → Envelope volume 210,000-460,000 cubic feet
- → Expected lifetime more than 1,000 hours
- → Exceptionally tear resistant
- → Protection against ultraviolet radiation



Terrain use recommendation

Kubicek offers the best quality **Hyperlast fabric** made by Storm proofings 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 Resist. Your envelope will be both lighter and more affordable without the Hyperlast surcharge.

- → Recommended for passenger ride operations in the roughest conditions
- → Envelope volume above 210,000 cubic feet
- → Expected lifetime 1,000 hours
- → Durable fabric



Terrain use recommendation

	Estimated envelope weight		
Envelope size	Kubicek Polyester Resist	Hyperlast	
BB85Z (300)	667 lb	734 lb	
BB105P (305)	739 lb	814 lb	
BB120P (425)	776 lb	853 lb	







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









D AND **ED** SERIES

diagonal cut (chevron) available from 70,000 to 140,000 cubic feet 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 51,000 cubic feet up to 105,000 cubic feet. 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 colors 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 130,000 cubic feet 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 USAfrom Canada to South Africa

▼ ENVELOPE RANGE

Envelope Model volume E EF Z P ED XR 31,000 + 42,000 49,000 ÷ 56,000 60,000 + 64,000 70,000 + 77,000 + 90,000 + ÷ + 105,000 4 + 120.000 + ÷ + 130,000 + + 140,000 150,000 ÷ 160,000 180,000 + 210,000 4 225,000 + 247,000 + 275,000 ÷ 300.000 ÷ 325,000 350,000 + 370,000 375,000 400,000 ÷ 425,000 ÷ 460,000 ÷ 500.000 530,000 ÷

600,000

650,000

↑ DIAGONAL PATTERN

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



7 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 fiber is dye resistant - no color change after contact with the flame.

We offer six available basic colors.

EASY USE OF OTHER MANUFACTURERS BOTTOM END

Kubicek can modify the envelope free of charge to fit your current bottom-end. There are no further requirements other than knowing the burner frame dimensions and your burner, basket, and fuel tank specifications. The majority of other manufacturers' bottom ends are FAA approved for use with Kubicek envelopes. Only a simple balloon logbook entry is required and you're all set to fly!

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 colors, colorful 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!

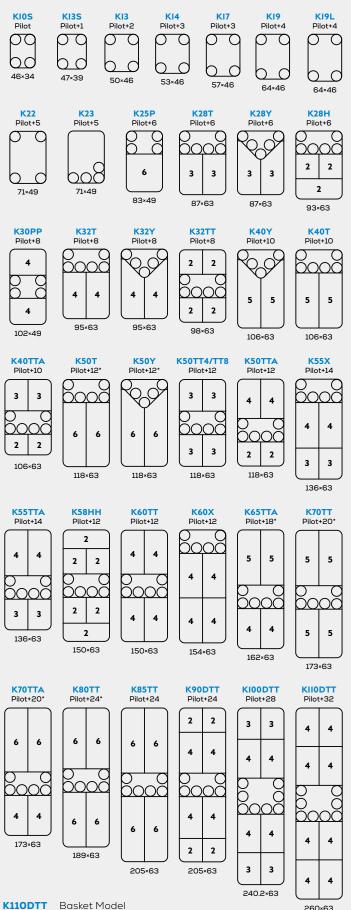
AND PLEASE, IF YOU HAVE A UNIQUE IDEA, FEEL FREE TO LET US KNOW. IT'S THE CHALLENGES THAT

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



Basket Model

MAX. number of passengers in each compartment

260x63 Size in inches

* Highly recommended: choose a larger basket for greater convenience





K13C

max. capacity	2 passengers & 1 pilot	
dimensions	4.10 x 3.28 ft	
empty weight (with equipment)	143 lbs	
max. load capacity	1,212 lbs	

K10C

max. capacity	1 passenger & 1 pilot	
dimensions	3.77 x 2.85 ft	
empty weight (with equipment)	121 lbs	
max. load capacity	1,003 lbs	



Assemble it <u>yourself</u> 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



SIRIUS BURNER

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

They are suitable for balloons up to 140,000 cubic feet. The clever design of the parallel Blast Valve and Whisper Valve triggers on one side allows for a one-handed "Double Burner" drawing from separate fuel.

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 colors? We can paint the pots any color or print any graphics you want. There are almost no limits to the imagination. The choice is all yours.







↓ IGNIS VARIO

↓ IGNIS GYRO

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!





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 +4 inch or lowered by 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 again. 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.

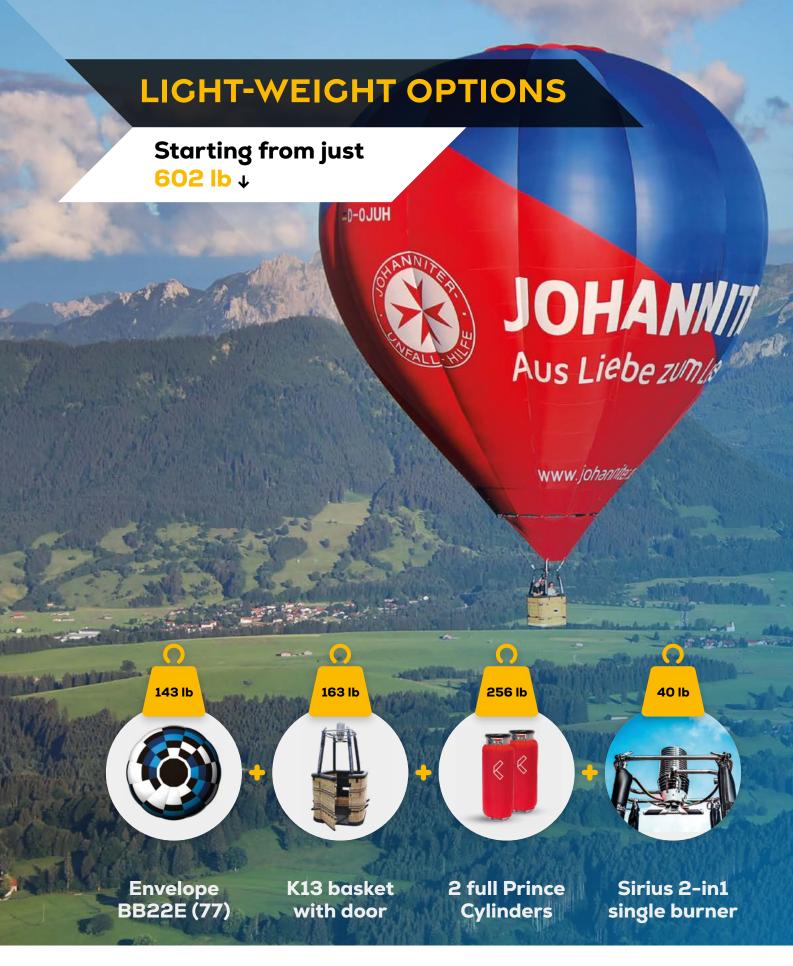


Kubicek's fuel cylinders have fuel gauges with colored scales so that pilots can **easily recognise the fuel level**. Quick shut off valves and cylinder covers are included at no extra cost.

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
100% water capacity	19 gal	22 gal	25 gal
Fuel volume	16 gal	19 gal	21 gal
Fuel weight / PROPANE	66 lb	79 lb	90 lb
Fuel weight / LPG	75 lb	88 lb	101 lb
Empty weight	44 lb	48 lb	52 lb
Total weight / PROPANE	110 lb	127 lb	143 lb
Total weight / LPG	119 lb	136 lb	154 lb



Reduce your envelope weight by 25–30% with the Next Generation of Kubíček 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 140,000 cubic feet.

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

Smaller fire blanket

Small basket pocket Lightweight floor runners

Lightweight basket weave



How much weight can these options save me?

Basket type	Saved weight	Saved weight
K13 (with a door)	-48 lb	-23%
K14 (with a door)	-47 lb	-21%
K17 (with a door)	-47 lb	-19%
K19 (with a door)	-45 lb	-17%
K19L (with a door)	-40 lb	-15%

WE ARE KUBICEK FACTORY



↓ COMEVISIT 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, UVresistant, colorfast, abrasionresistant, 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 ↓



2,300 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 (Kubicek Aircraft) slice right through it!

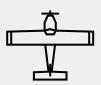
KUBICEK FACTORY IN NUMBERS



2,000 cylinders



20,000 inflatables



8 airplanes

KUBICEK BALLOONS

Mike Bauwens (435) 513-1210

Ken Tadolini (303) 936-0292

Allen Anderson (775) 450-2217

Luke Russell (330) 639-7845

Doug Grimes (505) 84 2-1111

Rick Kerber (616) 262-1155 Brad Craig

Justin Cox (317) 753-8910 Wil Lapointe (918) 850-2359

Bert Padelt (610) 845-7857

(813) 363-2287

Jim Marshall

Rob Nutting (515) 779-1018