Available again in limited numbers

Vane Blitz

The complete fletching station for Spin Wings and adhesive vanes. Apply the tape, cut it to length and stick on the wing – all in one device.



approx. 1 minute
per arrow with three wings

around 15 minutes
for a set of 12 arrows

over 20 countries
delivered within the EU

protected
Utility model DE 20 2025 104 723, handmade

vaneblitz.de/en · info@vaneblitz.de · +49 171 4828869 · Mario Vergato, Hürth

THE PROBLEM

No more shaft marks

Every recurve and barebow archer knows it: even the smallest inaccuracy when fletching means the index vane doesn't sit exactly right or the nock has to be turned afterwards.

Before

- ✕ Marking the shaft
- ✕ Aligning double-sided tape exactly by hand
- ✕ Laboriously peeling off the protective film
- ✕ Sticking on the wing by hand or with yet another tool

With Vane Blitz

- ✓ **No shaft marks**
- ✓ **No freehand alignment of the tape**
- ✓ **No rework on the nock**
- ✓ **Identical fletching on every arrow in a set**
- ✓ **Huge time savings with the highest repeatability**

Suitable for all common spin vanes, **for example Spin Wings, XS Wings, GasPro Vanes, Spider Vanes and Jet6 Vanes.**

FEATURES

What makes the Vane Blitz special

Other solutions make individual steps easier. The Vane Blitz combines the entire process in one device – from the tape to the finished, bonded wing.



Tape carriage with integrated cutter

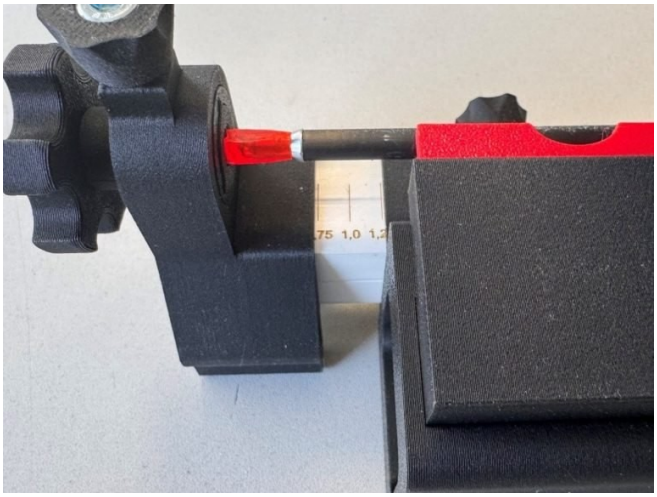
The heart of the device: the carriage applies the double-sided tape to the wing precisely and reproducibly, and the cutter trims it straight to length. In a few seconds – with an accuracy that is hard to achieve by hand.

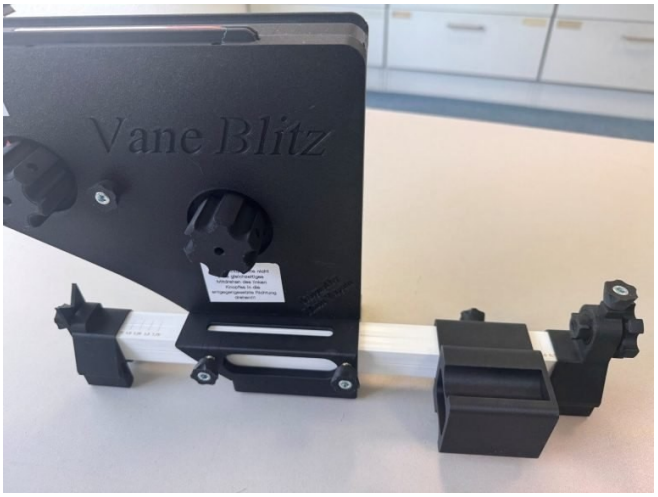
Designed for a large 25 m tape roll. On request I can convert the device to a smaller spool.

Nock holder that rotates smoothly through 360°

Every manufacturer has its own wing geometry. That's why you align the shaft exactly to the desired index vane position before bonding – even with splined shafts, and without having to turn the nock afterwards.

The laser-engraved scale from 0.75" to 1.75" sets the distance between nock and vane precisely.





For right- and left-handed use

By simply swapping a few components you convert the Vane Blitz to left-hand fletching in about a minute. The vane holders handle both right- and left-hand helical wings – you don't need a second system.

Three or four vanes

If you prefer to shoot with four vanes, simply swap the 3-vane nock holder for the 4-vane one.



WORKFLOW

How to fletch an arrow

An experienced user fletches an arrow with three wings in about a minute. As with any precision tool, you get faster with a little practice.

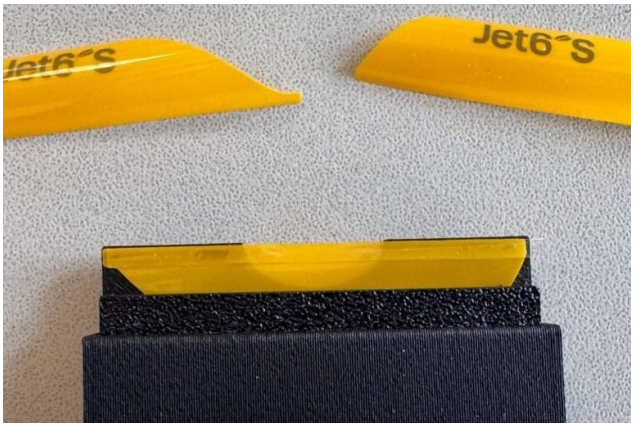
1



Set up

Set the distance between nock and vane on the scale and clamp the shaft in the nock holder.

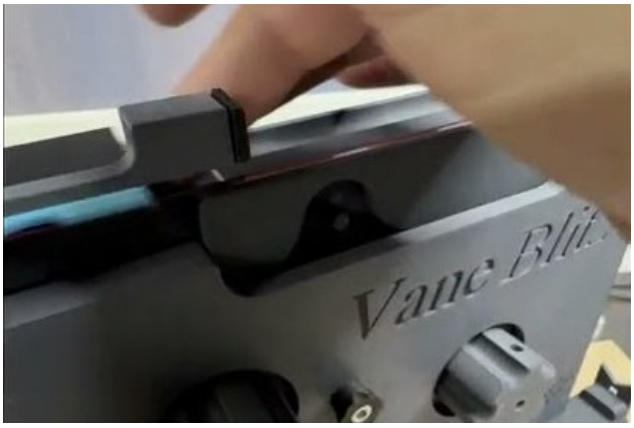
2



Insert the wing

Always insert the wing the same way into the matching vane holder.

3



Apply the tape

Guide the holder over the tape carriage. The tape is applied and cut off by the cutter.

4



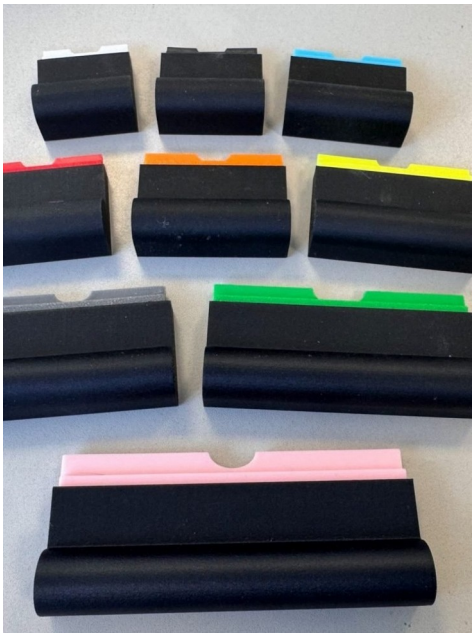
Stick on

Stick the wing onto the shaft, rotate on and set the next wing.

ACCESSORIES

A vane holder for every wing

The colored wing adapters are available for different lengths and manufacturers. The lengths always refer to the overall length of the vane.



COLOR	VANE LENGTH	SUITABLE FOR
white	40 mm (1.5–1.6")	Spin Wings, XS Wings
black	45 mm (1.75")	Spin Wings, XS Wings, Jet6
blue	50 mm (2")	XS Wings, GasPro, Spider Wings, Jet6
red	55 mm (2.16–2.2")	Spin Wings, XS Wings, Spider Wings, GasPro
orange	60 mm (2.3–2.4")	Spin Wings, XS Wings, Spider Wings, GasPro
yellow	65 mm (2.5")	Spin Wings, XS Wings, Spider Wings, GasPro, Jet6
gray	70 mm (2.8")	Spin Wings, XS Wings, Spider Wings, GasPro
green	100 mm (4")	Spin Wings, XS Wings, Spider Wings, GasPro, Jet6
pink	120 mm (4.75")	GasPro Indoor Efficient

Your vane isn't listed? I make any length individually – at no extra design cost. Just write to me.

VIDEOS

Everything explained on video

In short videos I show how it works and all its special features – on YouTube and Instagram. Just scan the QR code. The videos are in German.

GETTING STARTED

Fletching an arrow – from different perspectives	3:14
How the Vane Blitz works (important for new owners)	8:39
Vane Blitz in 30 seconds	0:27

OPERATION

Loading the tape	7:13
Inserting vanes in the holder and operating the tape carriage	10:23
Tape carriage close-up	3:51
Carriage with tape in close-up	5:00
Converting from right- to left-hand	6:30
Special features and settings	9:13
Preparing and maintaining vane holders	9:28

WHAT'S NEW

News and modifications (April 2026)	8:43
Newly designed nock holder for splined shafts	5:03

VANES AND HOLDERS

All vane holders at a glance	11:21
Which vanes can be processed	8:34
Fletching with Jet6 vanes – Part 1	12:14
Fletching with Jet6 vanes – Part 2	9:30
Fletching more vanes	5:23
GasPro Spin Vanes 2.5"	2:43
Large 4" Spider Vanes (100 mm)	2:46
100 mm holder for XS Wings and Jet6 Shark Vanes	2:52

YouTube
Channel “Vane Blitz”

Instagram
@vane_blitz

STORY

From barebow archer to inventor

Hello, dear fellow archers! My name is Mario Vergato. I live in Hürth near Cologne and have been shooting for KKB Köln since August 2024. I started with the Olympic recurve bow; since autumn 2025 I have been shooting barebow exclusively – indoors, outdoors and in field archery.

The sport quickly got hold of me: in my very first season I won the overall title of the Rhein-Erft Championat 2025 in the Recurve Master class. After switching to barebow came district and regional titles, 2nd place at the German DFBV Indoor Championship and a place at the IFAA European Championship in Ireland, where I finished 7th as the best German in my class.

With barebow I got deeply into arrow tuning and modern wings: from XS Wings through GasPro and Spider Vanes to the Jet6 S that I shoot myself today. With so many competition arrows you quickly notice how much time fletching takes. For natural feathers and classic plastic vanes there were plenty of solutions, but none for Spin Wings that covers the whole workflow. So I asked myself a simple question: why does this have to be so complicated?

> **“A fletching system should adapt to the archer – not the archer to the tool.”**

April 2025

The idea for the Vane Blitz is born.

Summer 2025

After about two and a half months the first fully working device is running. A patent attorney's office in Cologne files eleven intellectual property rights.

September 2025

Registration of utility model DE 20 2025 104 723 with the German Patent and Trade Mark Office.

December 2025

Sales launch. Since then the Vane Blitz has been delivered to more than twenty EU countries.

February 2026

Newly designed, continuously adjustable nock holder for splined shafts.

April 2026

Revised supports, closed lid with transport protection, better-secured blade block and the 4-vane nock holder.

My main achievements

IFAA European Championship, Ireland 2026	7th place, best German in the class
German DFBV Indoor Championship 2026	2nd place
German WA Field Championship 2026	11th place
State WA Field Championship 2026	2nd place
Rhein-Erft Championat 2025	Overall winner (Recurve Master)

CARE & TIPS

Tips for smooth operation

Aids and tricks that keep the Vane Blitz working precisely over the long term.



Inserting the vane correctly

The vanes should always be inserted into the vane holder in exactly the same way to guarantee the highest possible repeatability when bonding the vane. The photo shows what a correctly inserted vane looks like in the vane holder.



Choosing the right vane holder

The length specifications of the vane holders always refer to the overall length of the vane. It's best to measure your vane once. If your size isn't listed, let me know – any length can be made individually at no extra design cost.



The last bit on the tape carriage

For the last small stretch before the vane holder reaches the hole or the blade, keep turning the left knob slowly and guide the holder over the hole behind the blade with the index finger of your right hand. Don't apply much pressure – simply follow the holder with your finger. And as marked on the device: turn the tape back a little before inserting the next vane.



So the tape doesn't stick to the blade

To prevent the tape from later sticking to the cutting surface or the blade, I regularly spray a little PTFE spray from Yachticon (lubricant spray with PTFE non-stick properties) onto the spot where the tape is cut. This makes the vane holder glide better on the carriage and the vane isn't pulled out of the holder. Before spraying, make sure the tape is retracted to its park position. The spray is available at Bauhaus and online for about €15.00. Please make sure it is not the “dry lubricant spray”: it works too, but can leave a light-gray haze on the surface.



Re-coating the vane holders

The inner surface of the vane holders is prepared with a liquid rubber spray. If the grip is no longer sufficient, you can carefully pull the colored holders out of the vane holder and re-impregnate them. For this I use the spray Plasti Dip in clear, available online for about €15.00.



Smaller tape spool

The integrated tape dispenser is designed for a large 25 m roll. It can also be converted to a smaller spool – just get in touch if you'd like that.

Prices

Orders are possible via the contact form on vaneblitz.de/en or by email. After payment is received I ship the package on the next working day at the latest. Shipping currently only within the EU.

Vane Blitz incl. 25 m tape and 4 vane holders of your choice Convertible for right- and left-handed use. The nock holders for 3 and 4 vanes are always included.	**€149.00**
Vane holder white or black	**€8.00**
Vane holder blue or red	**€10.00**
Vane holder orange or yellow	**€12.00**
Vane holder gray, green or pink	**€14.00**
Replacement tape 25 m	**€10.00**
Upgrade: revised left support (for earlier version)	**€16.00**
Conversion kit nock holder for 4-vane fletching	**€12.00**

All prices include 19% VAT, plus shipping. Standard parcel: **€6.19** within Germany, **€14.49** to other EU countries. For larger orders the shipping costs depend on the parcel size – I'll tell you before you order.

How to order

1 Send an enquiry

Via the contact form on vaneblitz.de/en or by email: tell me which vanes you shoot (manufacturer, model, overall length) – I'll put together the right set for you.

2 Receive an offer

Your enquiry is non-binding. You receive a binding offer including shipping costs and bank details. The purchase only comes into effect when you accept it.

3 Shipping

I build every device by hand after the order arrives. The invoice follows as soon as shipping on the next working day after payment at the latest is assured.

Manufacturer and safety information

Manufacturer: Mario Vergato, Zum Konraderhof 1, 50354 Hürth, Germany, info@vaneblitz.de

Protective right: Utility model DE 20 2025 104 723

Product: Vane Blitz, fletching station for archery arrows

- ! The cutter contains a sharp blade. Do not reach into the cutting area.
- ! Keep the device and small parts away from children.
- ! Use sprays only according to the manufacturer's instructions and in well-ventilated rooms.

ORDER NOW

Get your Vane Blitz

I build every device individually by hand and test it extensively. Write to me which vanes you shoot – I'll put together the right set for you.

Web	**vaneblitz.de/en**
Email	**info@vaneblitz.de**
Phone	**+49 171 4828869**
Workshop	**Mario Vergato** **Zum Konraderhof 1** **50354 Hürth**

Scan and order
vaneblitz.de/en

- ✓ Shipped the next working day after payment at the latest
- ✓ Delivery to all EU countries
- ✓ Vane holders in any length on request

Terms and conditions, withdrawal notice, privacy policy and legal notice (in German) can be found on vaneblitz.de. The website is available in German, English, French, Greek, Italian, Spanish and Turkish. Utility model DE 20 2025 104 723.