

PERFECT CREMA

perfect drink

NITRO- DISPENSE SYSTEMS

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BY **CARBO**^o**TEK**

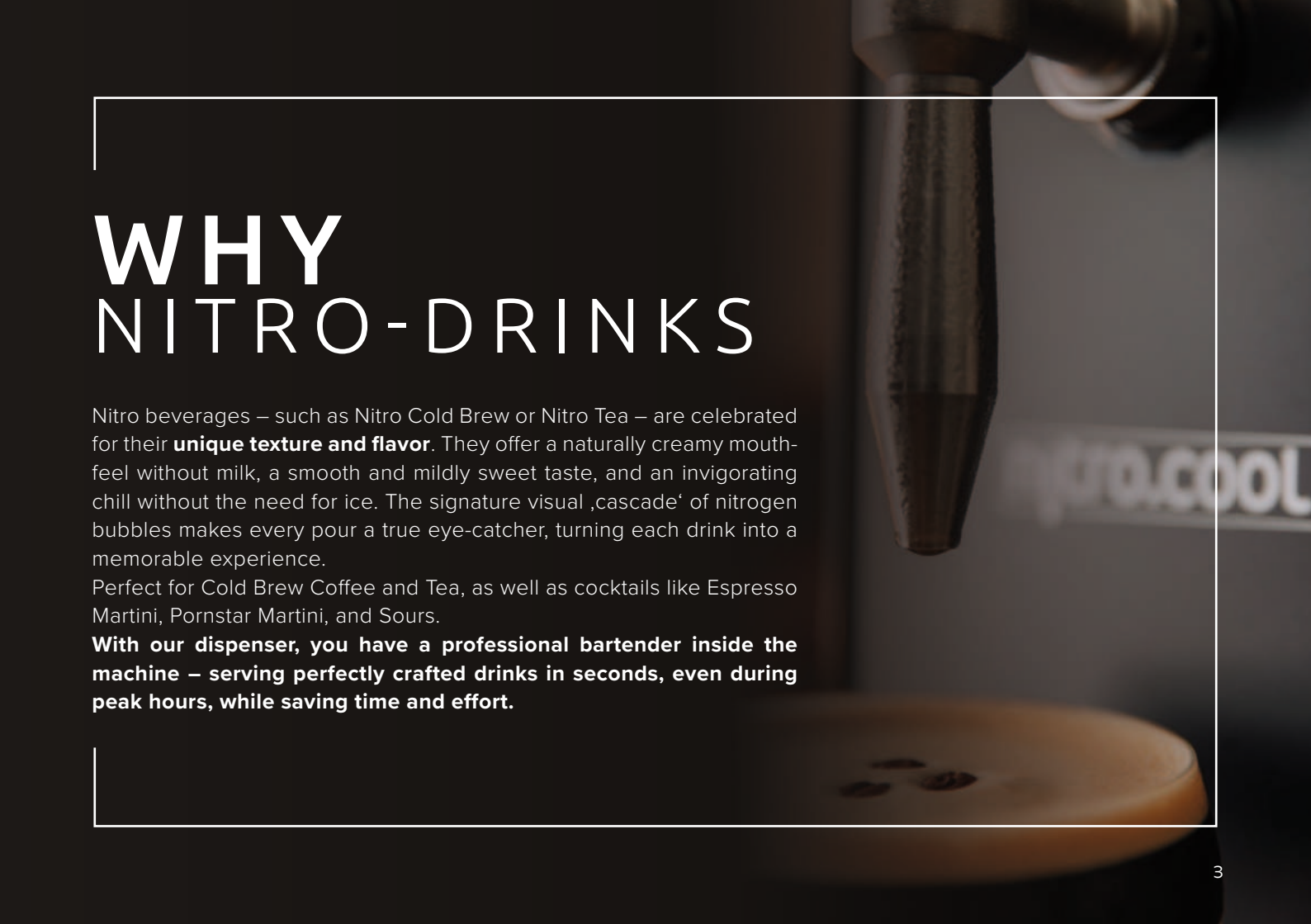


WHO WE ARE

We are a German company based in Nördlingen, Bavaria, with **more than 10 years of experience in the beverage industry**. We have made it our mission to achieve the **perfect crema**, crafting drinks that not only look exceptional but deliver an **unforgettable taste experience!**

WHAT WE DO

We design and manufacture **state-of-the-art beverage dispensing systems**, with a strong expertise in **advanced gas infusion technology**. By using **nitrogen (N₂) or compressed air**, we create smooth and creamy Nitro Drinks, while **carbon dioxide (CO₂)** delivers the refreshing sparkle of perfectly carbonated beverages.



WHY NITRO-DRINKS

Nitro beverages – such as Nitro Cold Brew or Nitro Tea – are celebrated for their **unique texture and flavor**. They offer a naturally creamy mouth-feel without milk, a smooth and mildly sweet taste, and an invigorating chill without the need for ice. The signature visual ‘cascade’ of nitrogen bubbles makes every pour a true eye-catcher, turning each drink into a memorable experience.

Perfect for Cold Brew Coffee and Tea, as well as cocktails like Espresso Martini, Pornstar Martini, and Sours.

With our dispenser, you have a professional bartender inside the machine – serving perfectly crafted drinks in seconds, even during peak hours, while saving time and effort.

PERFECT CREMA





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...YOUR
IN-MACHINE
BARTENDER!

**PRODUCT
OVERVIEW**

NITRO DISPENSER- TABLE TOP

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SET IT UP & START TAPPING



The ultimate solution for bars, catering, coffee shops, and events.

Product Type	Drink Type	Nitro-Switch	230 V / 50 Hz	115 V / 60 Hz
	Cold-Brew alcohol-free	Nitro-Toggle Foam on / off 	Art. 1801	Art. 1802
	Cocktails with alcohol	Nitro Dial Foam height adjustable 	Art. 1821	Art. 1822
	Cold-Brew alcohol-free	Nitro-Toggle Foam on / off 	Art. 1811	Art. 1812
	Cocktails with alcohol	Nitro Dial Foam height adjustable 	Art. 1831	Art. 1832
Optional: Customized Decal / Fast-Pour Nozzle / Coupling Systems				

CANISTER/ COUPLING SYSTEMS

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FLEXIBLE COUPLING OPTIONS



Nitro Dispensers and Nitro Boxes can be combined with a wide range of coupling systems – for maximum versatility.

CPC (Default system for Nitro-Dispensers)				
				
Art. 1312 (Dispenser Inlet)	Art. 1316	Art. 196.1	Art. 495	Art. 490
CMB Ball-Lock (Bag-In-Box System)				
				
Ball-Lock-Spout (Bag-In-Box)	Art. 030	Art. 198	Art. 445	Art. 430
VITOP (Bag-In-Box System)				
				
Vitop Spout (Bag-In-Box)	Art. 026	Art. 199	Art. 441	Art. 443

DISPENSE COLUMNS/ TOWERS

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POUR FROM A COLUMN



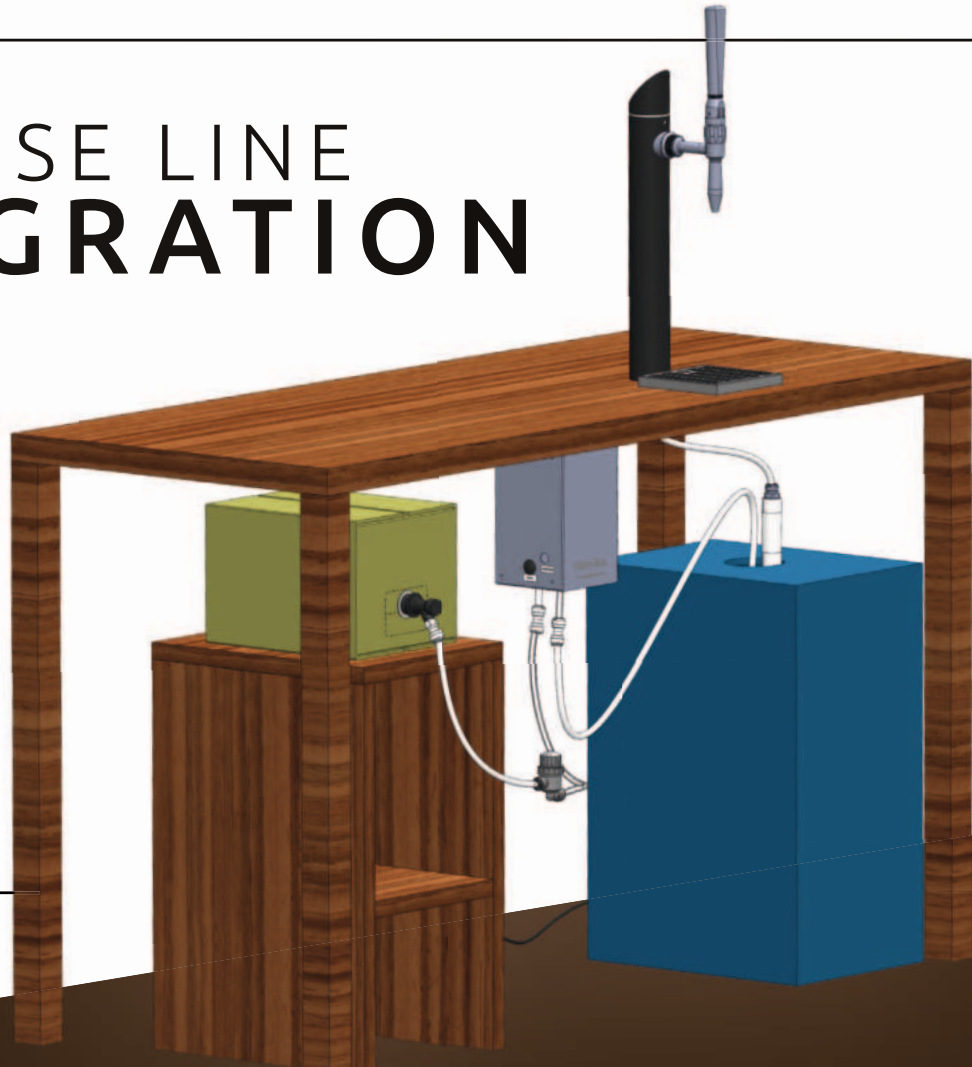
Combine our Nitro Dispensers or Nitro Boxes with dispense columns for effortless pouring and a premium beverage experience.

Columns Options			
			
			
1 Tap		2 Taps	
Black	Stainless	Black	Stainless

Fixation Options				Adapter	 Additional accessories are available, such as various drip tray models.
					
Sticks	Rod	Bar-Clamp	Adapter to Nitro-Dispenser		

DISPENSE LINE INTEGRATION

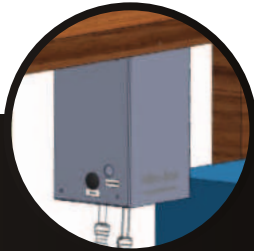
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FROM CLASSIC TO NITRO

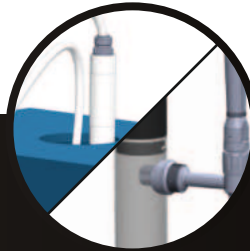


Solutions to convert traditional dispensing lines into Nitro-Drink lines.



NITRO-BOX

Pumps the liquid and doses compressed air into the liquid stream to generate the nitro cascade effect. The air compressor is built into the Nitro-Box.



VENT-SHANK OR VENT-BLENDER

Catching gas bubbles in the liquid stream and gradually releases them, preventing splashes during dispensing.



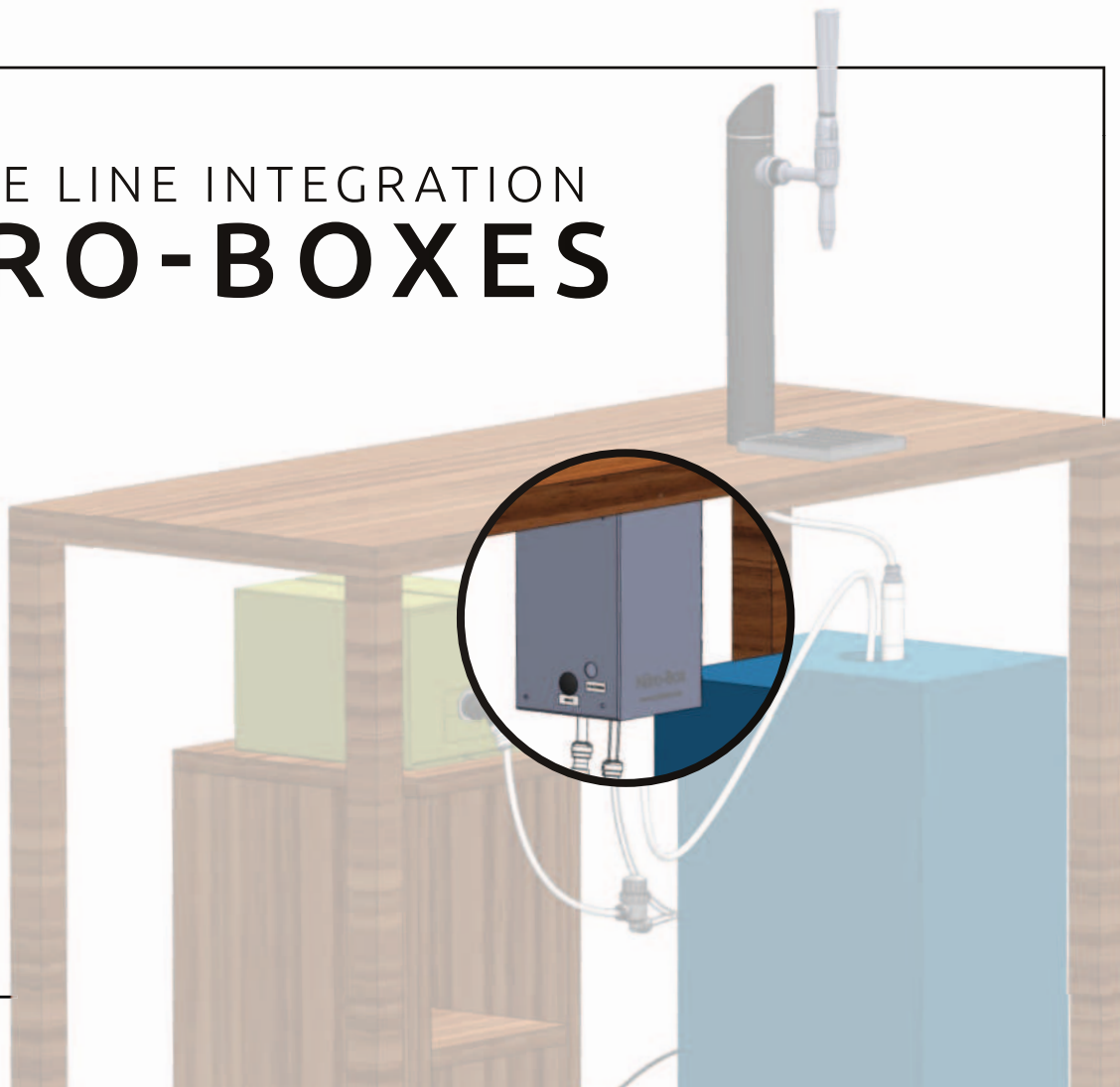
JET-NOZZLE

The nitro.cool tap outlet JET-NOZZLE includes a static mixer in the tap outlet. Perfect mixing of the nitro gas bubbles to the liquid stream.

ESSENTIAL & RECOMMENDED ELEMENTS

DISPENSE LINE INTEGRATION **NITRO-BOXES**

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THE HEART OF NITRO

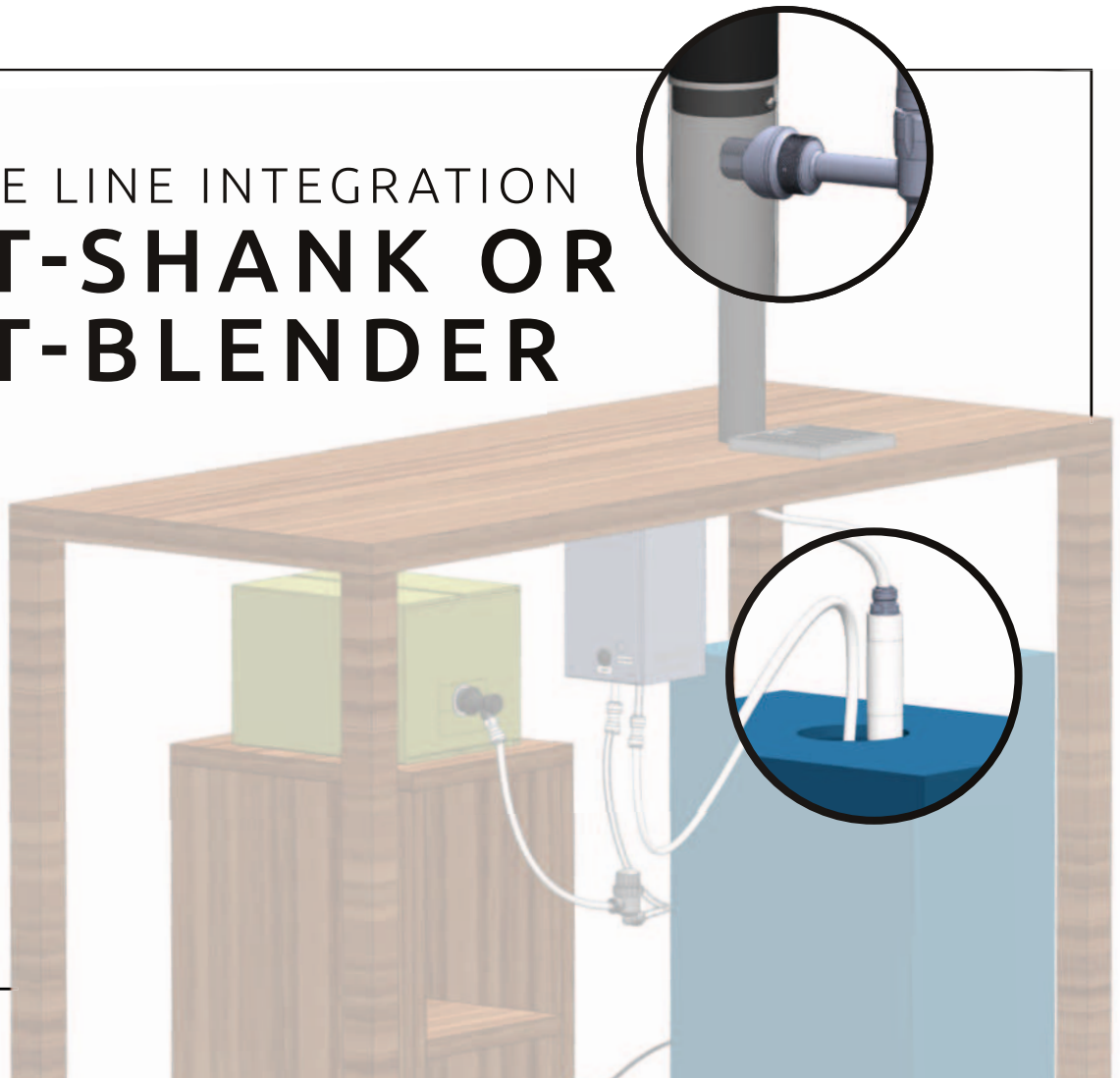


The Nitro-Box is the core of every Nitro installation in a traditional dispensing line. With a built-in air compressor to drive the pump, it also supplies the nitro gas – eliminating the need for an additional N₂ cylinder.

Nitro-Box			
1 Product Pump		2 Product Pumps	
			
Art. 261	Art. 261.1	Art. 262	Art. 262.1
max 2 taps with 1.2 l/min	max 4 taps with 1.2 l/min	max 2 taps with 1.2 l/min	max 4 taps with 1.2 l/min
Size (W×D×H): 19,0 x 14,5 x 28,0 cm		Size (W×D×H): 17,5 x 14,5 x 28,0 cm	

DISPENSE LINE INTEGRATION **VENT-SHANK OR VENT-BLENDER**

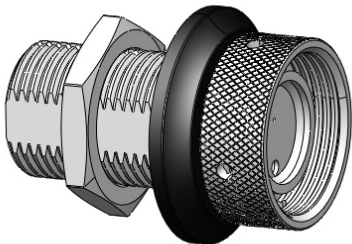
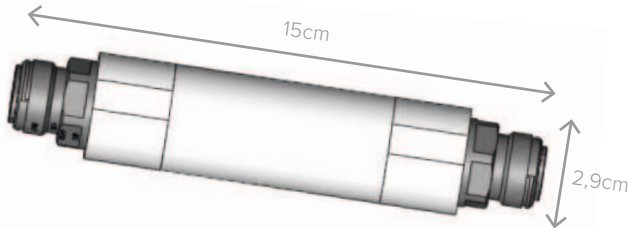
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THE PROBLEM SOLVERS



The vent-shank and vent-blender solve a key challenge in Nitro installations on traditional dispense lines.

Vent-Shank		Vent-Blender
		
Art. 1462.1	Art. 1462.2	Art. 168
Vent-Shank, PET-G body	Vent-Shank, stainless body	Vent-Blender, 3/8" JG IN & OUT



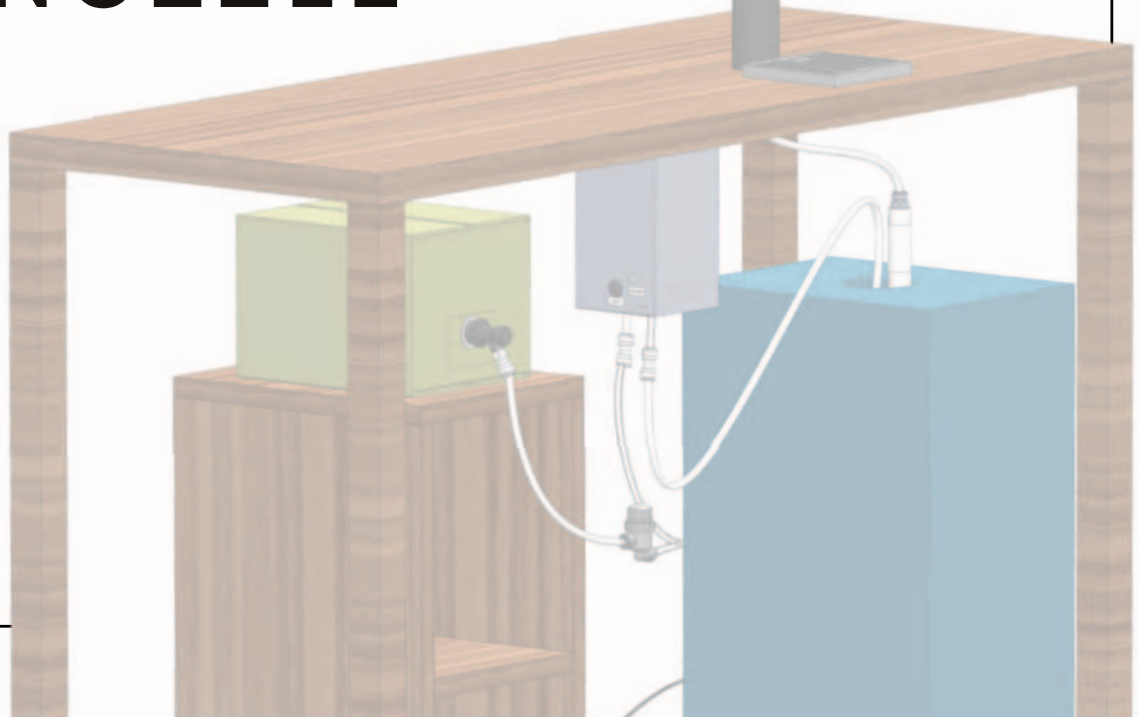
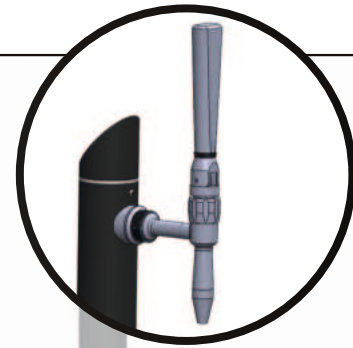
The Problem: Gas bubbles consolidate in the product line in dispense pauses. When the bubbles arrive at the tap this causes splashes and burps – this disturbs a smooth tapping experience into the glass.

The Solution: The vent-blender as well as the vent-shank catches gas bubbles in the product line and releases the gas slowly back into the product flow. The tapping experience is improved significantly!

DISPENSE LINE INTEGRATION

NITRO-TAP & JET-NOZZLE

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THE KEY TO SILKY CREMA



The Nitro-Tap with Jet-Nozzle is the key to create the signature Nitro cascade. It blends the nitro gas into the beverage as it is poured, delivering a silky crema and smooth texture – every time.

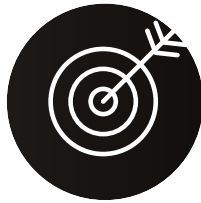
Stout-Tap		Jet Nozzle		Tap handles	
		 The nozzle has a static mixer inside, ensuring a fine blend of gas and liquid that creates smooth, silky foam			
Art. 1472	Art. 410	Art. 409	Art. 1447	Art. 1437	Art. 1411
	0.6 l/min	1.2 l/min	Stainless	Chrome plated plastic	Oak wood
Stout-Tap – NSF certified		Connection thread IT: 9/16" - 26 TPI		Tap handles for Stout-Tap	

WHY CHOOSE US?

At Carbotek, we stand for perfect service, perfect products, perfect global connectivity, and the perfect experience. Our dedicated team ensures every customer receives reliable, attentive support. Our state-of-the-art beverage systems are engineered with precision to deliver consistently outstanding drinks. Through our international network, we provide seamless solutions around the world. And with every interaction, we focus on creating an exceptional, memorable experience for our clients.



PERFECT
SERVICE



PERFECT
PRODUCTS



PERFECT
CONNECTIVITY



PERFECT
EXPERIENCE

PERFECT CREMA,
EVERY TIME!





TRUSTED BY **LEADING BRANDS**

We are proud to collaborate with a wide range of renowned clients worldwide across the beverage industry. Our partners rely on our innovative solutions to deliver consistent, high-quality Nitro and carbonated beverages – from bars and coffee shops to large-scale catering and events.

Through these partnerships, we continuously refine our products and services, ensuring excellence in every pour.

OUR REFERENCES





GET IN TOUCH

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