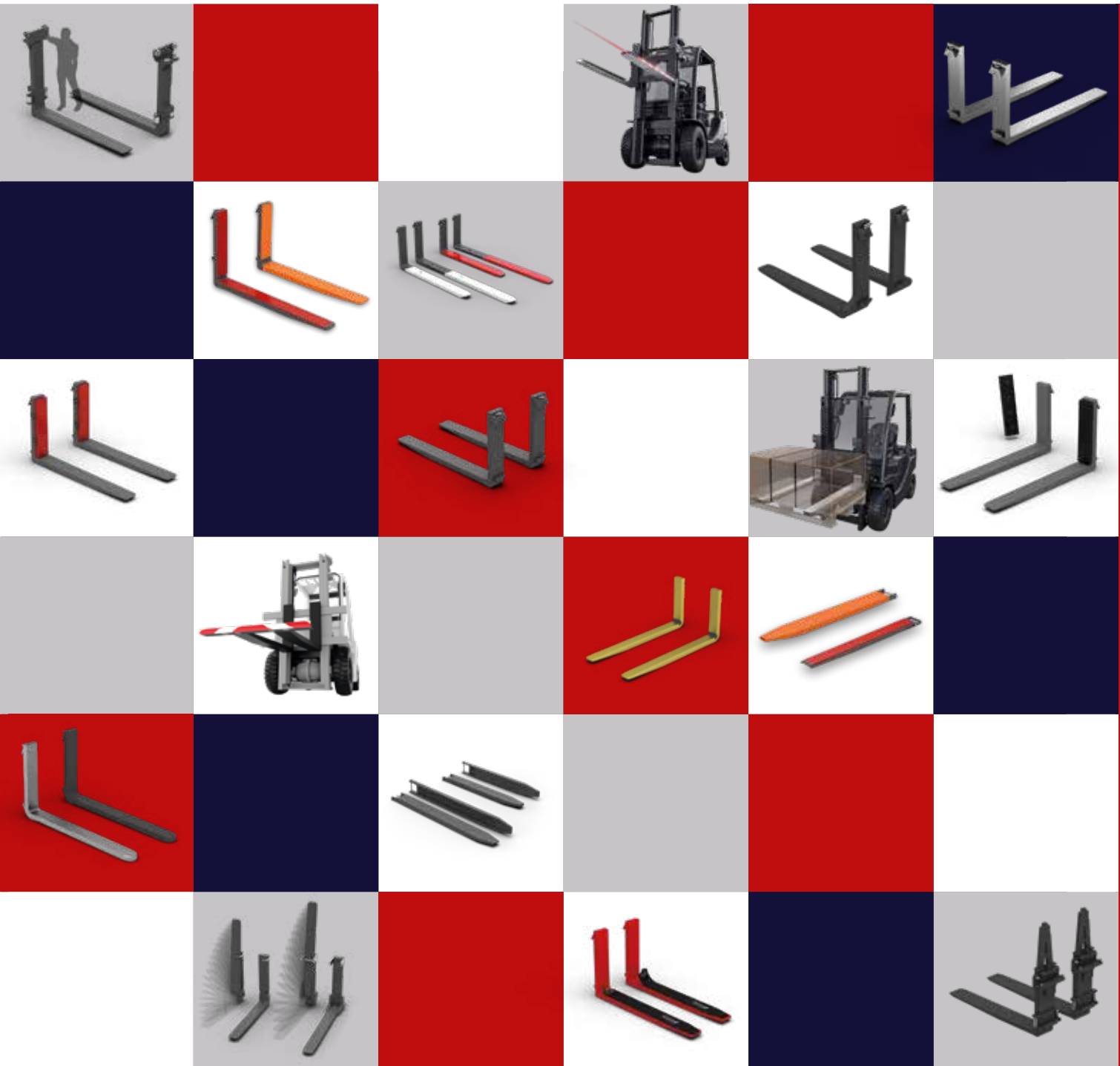




Forks for America:

High-quality! Local! Fast!



Excellence since 1889 and Innovations for the future!



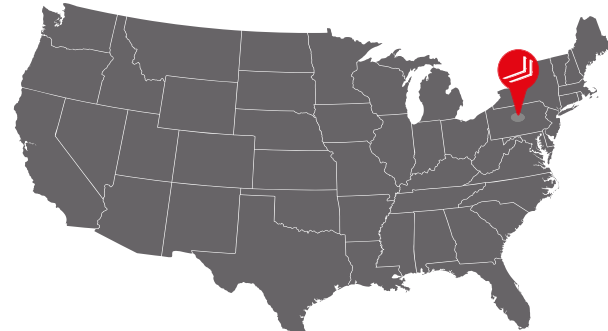
Future has origins: The history of VETTER started 1889 in Germany with the production of high-quality mining equipment. A success story until the 1960s. Then it was time for something new! So the production of forks for forklift trucks started in 1964 and it is the key product of VETTER still today. Second to none, VETTER is focused on forks like no other manufacturer world-wide.

Nowadays, VETTER is No. 1 fork manufacturer in Europe with increasing presence in the US and offering the most comprehensive range of forks. Being a family-owned and driven company, customers benefit by independancy, fast decisions and smooth processes.

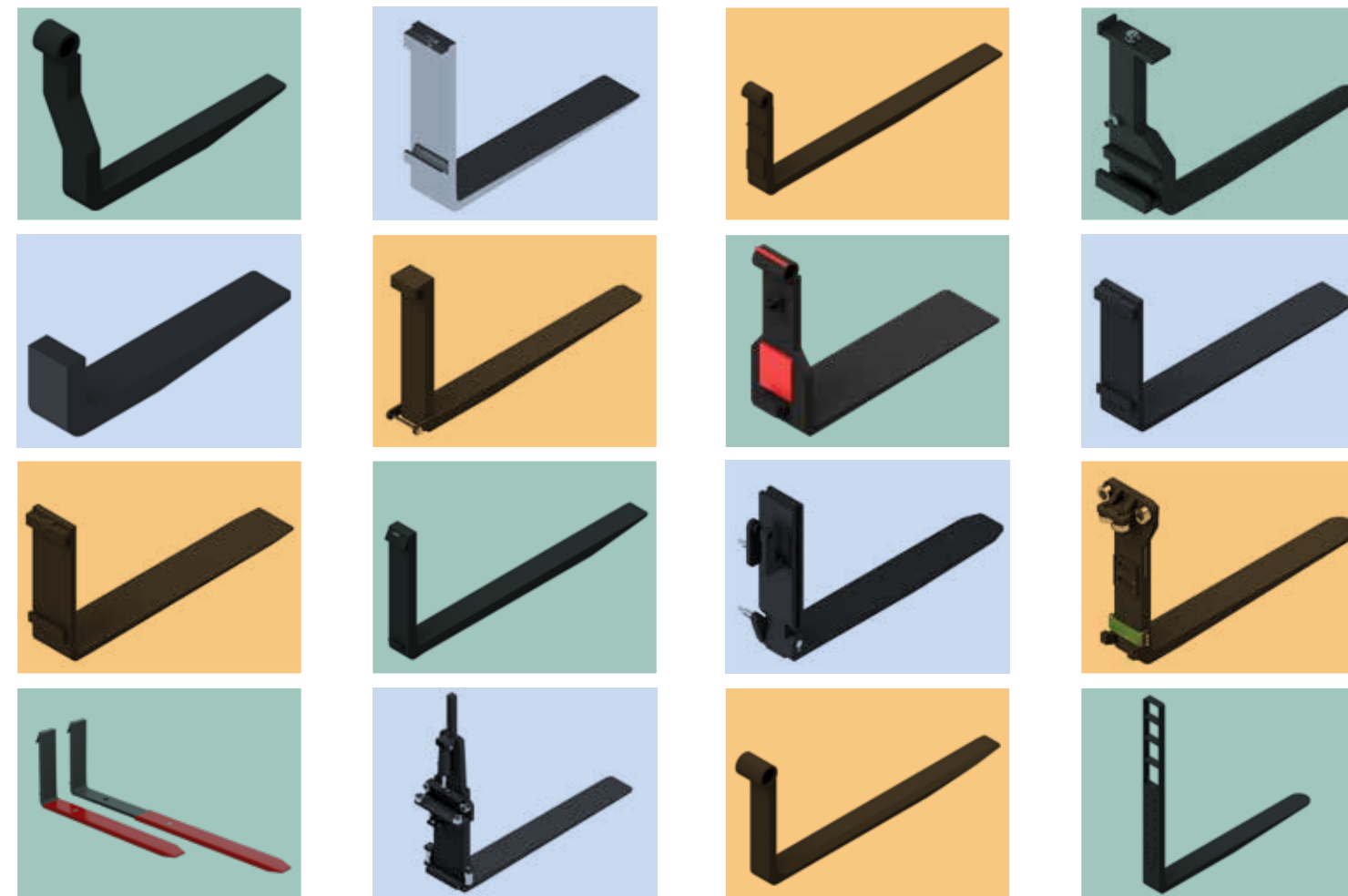
The most modern and highly automated fork production allows VETTER to offer you a wide range of high-quality products that are certified and approved by satisfied OEM's and dealer customers world-wide.

The US Facility in Chambersburg, PA provides additional manufacturing capabilities, a well-sorted stock for immediate delivery, outstanding service and comprehensive know-how. The best forks for each and every application - this is what you can expect at VETTER. **Because the right fork makes the lift truck a great forklift truck.**

VETTER Forks, Inc.



It`s all about forks:



All kind of suspensions

- ▶ ITA forks
- ▶ Square-hook forks
- ▶ Shaft forks
- ▶ Bolt-on forks
- ▶ Blank forks
- ▶ Roller-guided forks
- ▶ Terminal West forks
- ▶ Any special suspension

A wide variety

- ▶ BIGForks
- ▶ FTP Forks
- ▶ Peek-a-boo forks
- ▶ ManuTel[®] TelescopicForks
- ▶ ForkExtensions
- ▶ FoldingForks
- ▶ ForkCoatings
- ▶ Ex-proof forks
- ▶ Swan-neck forks
- ▶ Upside-down forks
- ▶ Cranked forks
- ▶ Special and customized forks

For all industries

- ▶ Agriculture
- ▶ Beverage
- ▶ Chemical
- ▶ Coil
- ▶ Concrete
- ▶ Construction
- ▶ Food
- ▶ High-capacity
- ▶ Metal
- ▶ Lumber
- ▶ Packaging
- ▶ Ports & harbours
- ▶ Paper
- ▶ Recycling
- ▶ Steel
- ▶ Textile
- ▶ White goods
- ▶ etc.



VETTER[®]
Forks, Inc.



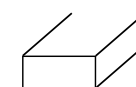
BIG Forks



BIGForks by VETTER

Power packages for safe handling of heaviest loads

Toughest use, rough environment, around the clock: VETTER BIGForks are first choice as far as efficiency, safety and endurance are concerned. Manufactured on the most modern assembly line for BIGForks and equipped with the competence of the market leader, VETTER BIGForks are benchmarks in terms of quality and performance. The most comprehensive product range offers solutions for almost all applications.



Sections up to
**16" width x
6" thickness***



Blade lengths
up to
16½ ft*



Back heights
up to **80"***



Capacity per pair
up to
286,500 lbs*



3x static safety and
**1,000,000 load
cycles with 25%
overload** (ISO 2330)

*standard dimensions. alternative dimensions on request



Quality from the beginning: 1A fork steel VQ32+ or high performance steel VQ1300



Toughness: High-tech heat treatment for all applications



Efficient application guaranteed: Tight tolerances and smooth surfaces



Know-How to your benefit: You receive the best solution for your application



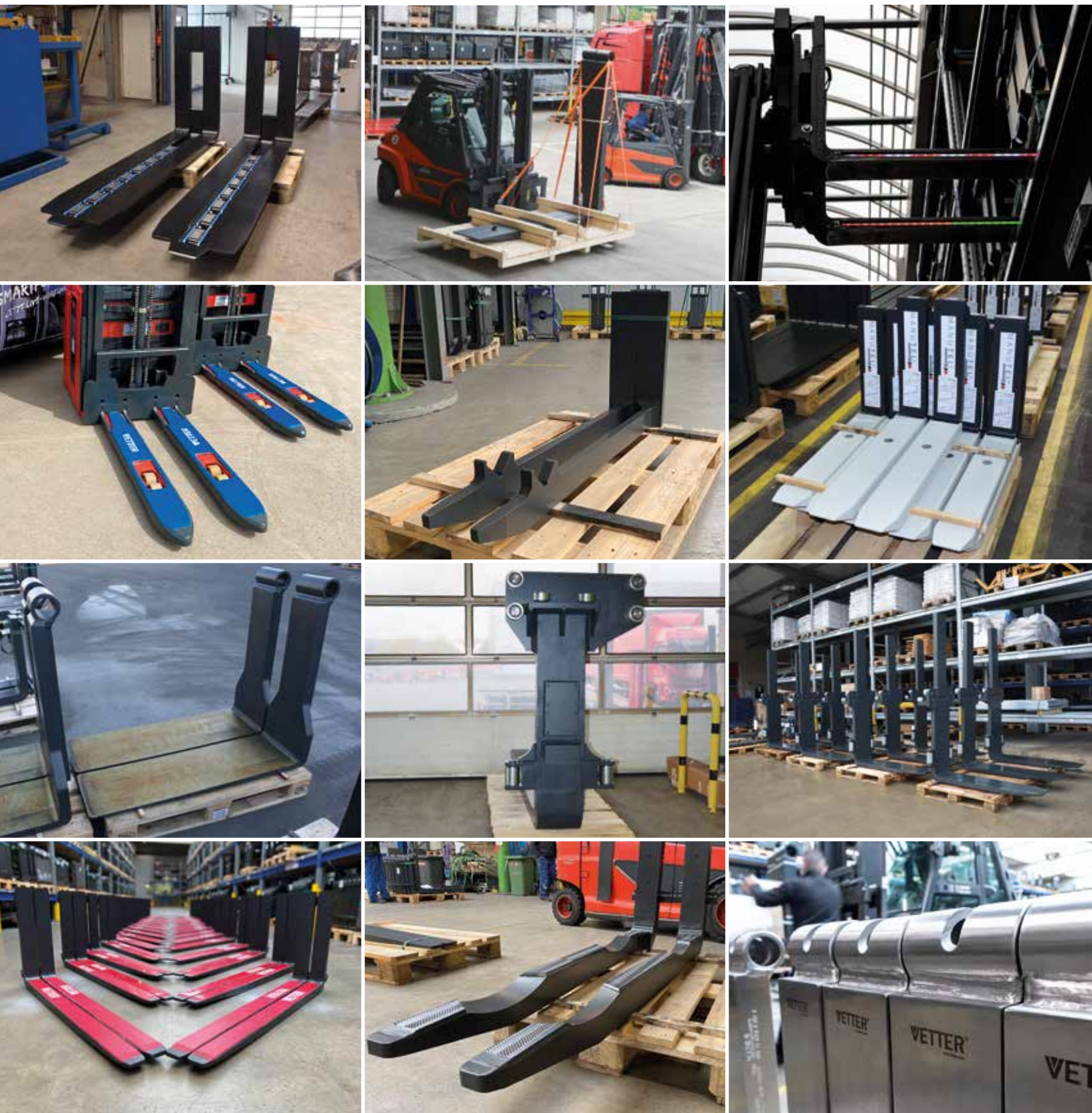
Simply safer: Highest welding quality, certified by ISO 3834-2



Certified according to ISO 9001 / ISO 14001 / ISO 50001

For whatever application: VETTER has got it!

Standard cross-sections QualityForks



		Width in inch																					
		2	2.25	3	3.15	4	4.75	5	5.25	5.5	6	6.3	7	8	8.5	9	10	11	12	14	15	16	
Thickness in inch	1.25				x	x						x											
	1.4			x	x	x	x		x														
	1.5				x	x	x	x	x		x		x	x				x		x		x	
	1.75				x	x	x	x	x		x		x										
	2	x	x		x	x	x	x		x	x		x	x				x		x	x		
	2.25		x		x	x			x	x	x			x	x			x					
	2.5											x		x	x					x			
	2.75				x		x					x		x	x			x			x		
	3											x		x	x						x		
	3.15													x	x			x		x	x		x
	3.35														x								
	3.5													x	x	x		x					
	3.75														x								
	4														x			x					
	4.15																		x	x			
4.25																x	x		x	x			
4.5																	x						
4.75																	x		x				
5																	x		x				
5.5																			x	x			
6																			x	x			

ITA and Shaft forks
 BIGForks
 FTP and Peek-a-boo forks

*Backheight standard up to 78.75 inch
 Blade length standard up to 197 inch
 Further cross-sections and dimensions on request!

SmartFork[®]

Integrated cameras and sensors
for a safe work environment

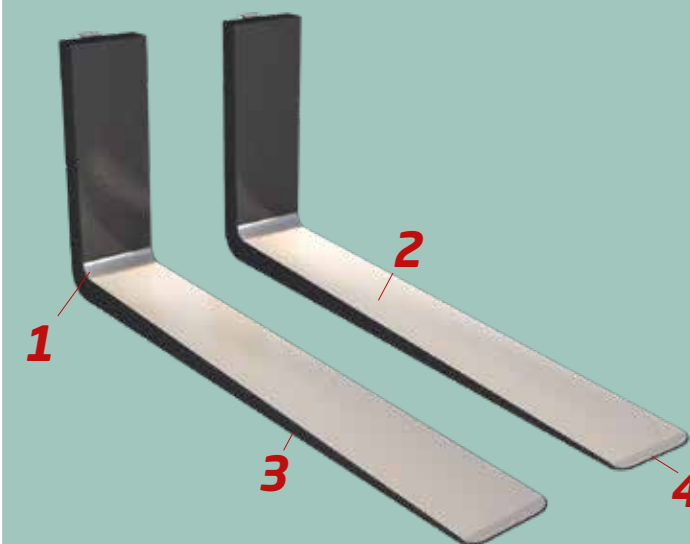
7 good reasons for the use in logistics 4.0

1. Improved visibility
2. Higher level of safety
3. Reduce damages
4. Better ergonomics
6. Save time
7. Easy handling



FTP QualityForks

Fully tapered polished – for lifting stacked material

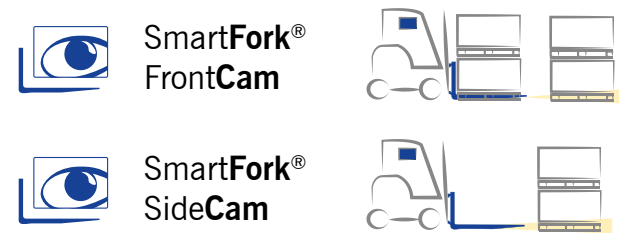


FTP + Peek-a-boo QualityForks

Best forward visibility for the forklift driver



Best forward view!



Accurate and precise!

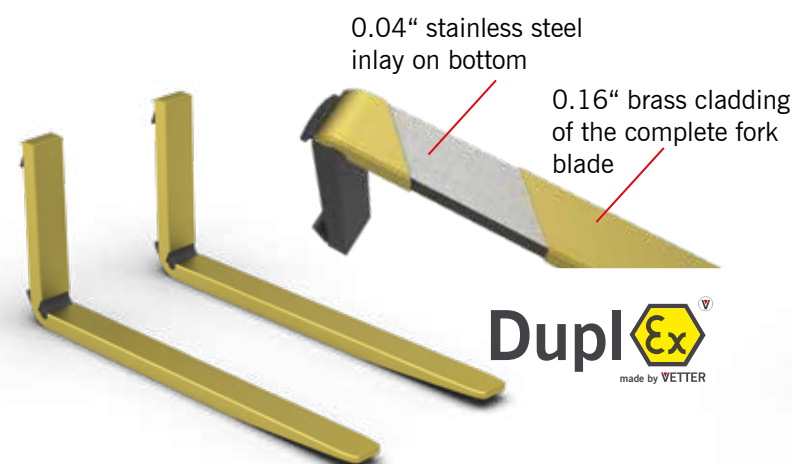


Customized for you!



DuplEx[®] and solid StainlessSteelForks

BELUGA fork tip and CROC[®] ForkCoatings



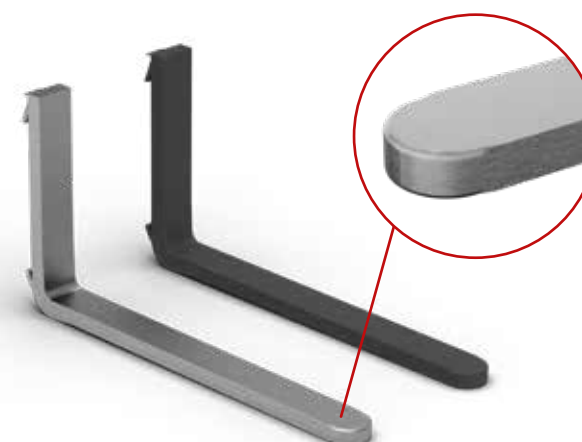
DuplEx spark retardant forks with visual wear indicator

- ▶ Outer brass cladding, inlay made of stainless steel
- ▶ Visual wear indicator: the wear limit is achieved as soon as the stainless steel wear indicator becomes visible
 - Highest safety
 - Time and cost savings (no need for daily measurement)
 - No tools, no expertise necessary
- ▶ Available as blade cladding and / or shank cladding
- ▶ Uncladded inner heel section to carry out fork inspection (crack detection) according to ANSI B56.1 / III / 6.



Solid StainlessSteelForks for hygiene and sanitary areas

- ▶ 100 % high-tech stainless steel (including fork hooks)
- ▶ Extremely high durability: up to **6 times longer** than cladded forks (f.ex. cross-section 1.75 x 4")
- ▶ Smaller cross-sections compared to fork claddings
- ▶ Smooth, polished surface for highest hygiene demands
- ▶ Easy cleaning
- ▶ Resistance against dirt, bacteria and environmental influences
- ▶ Easy crack detection during fork inspection
- ▶ Corrosion-resistance of the entire fork
- ▶ 100 % ISO 2330 conformity
 - Tested with a static safety factor 3 and
 - Dynamical 1,000,000 load cycles with 25% overload



BELUGA fork tip for damage reduction

- ▶ Fork tip with increased surface reduces impact upon contact with the load
- ▶ Minimal risk of pricking the cargo
- ▶ Rounded edges reduce damage of package and goods
- ▶ Time and cost saving
- ▶ Significantly increased work safety, e.g. when transporting liquid or gaseous substances
- ▶ Simple pushing of pallets
- ▶ Forks available in solid stainless-steel



CROC[®] ForkCoatings for highest load protection

- ▶ Protection of transported goods
- ▶ Higher safety at work: no risk because of slipping load
- ▶ No scratches on goods
- ▶ Less vibrations
- ▶ Noise reduction, especially when transporting metal parts in residential areas / at night
- ▶ Abrasion and cut resistance for long operating life

Also available as coated fork shoe or fork extension!



■ **The basis for best products:**
Superior technology and most modern production



■ **The best steel for best forks**

Only the best steel quality withstands highest mechanical strains, which is why VETTER has developed specific steel qualities. Toughness, purity, hardness and processability are optimally coordinated. A sophisticated heat treatment refines the result. No compromises!

VQ32+

The all-rounder for a multitude of requirements.

- ▶ Low wear
- ▶ High yield strength
- ▶ High dynamic load capacity
- ▶ Best welding properties
- ▶ Tough at low temperatures
- ▶ Controlled degree of purity
- ▶ Titanium-stabilized

Up to **12 % higher yield strength** compared to standard fork steel (i.e. 30MnB5).

VQ1300

The steel quality for the toughest applications.

- ▶ Higher load capacity with the same cross-section or lift more with a smaller cross-section
- ▶ High tensile steel
- ▶ Resistant to mechanical stress
- ▶ Basis for innovative designs

Up to **51 % higher yield strength** compared to standard fork steel (i.e. 30MnB5).

**Certified according to ISO 9001,
ISO 14001 and ISO 50001**

Premium support: Let us do the work for you!

VETTER quality philosophy: no compromise!



VETTER[®]
Forks, Inc.

MADE IN USA

★ ★ ★

Your special application

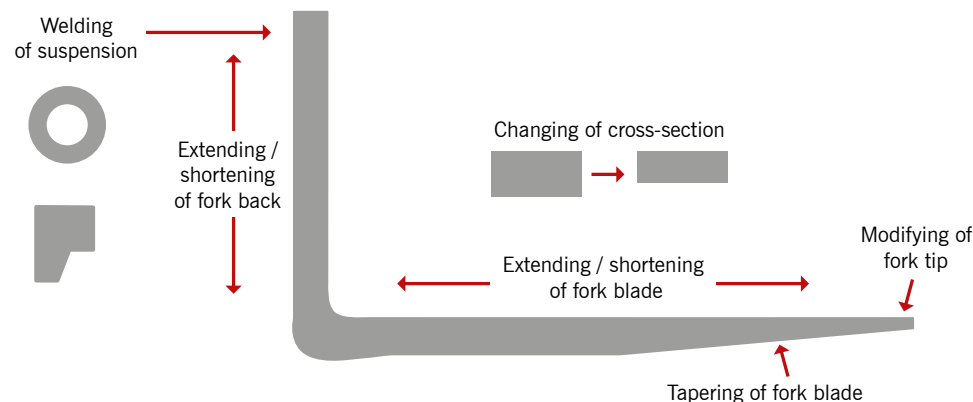
▼

Your individual fork

▼

With short lead times

The VETTER Modification Center customizes forks according to your requirements, specific suspensions, individual blade lengths special tips, customized mountings, coatings and much more. VETTER Forks, Inc. holds a **huge stock of many different fork blank sizes** for short turnaround times.



... and all kind of machinings, millings, drillings, weldings, cuttings, lacquerings, etc.

Fork repair service

- ▶ Save money compared to the purchase of new forks
- ▶ Take advantage of easy processing
- ▶ Rely on preventing maintenance to decrease costs
- ▶ Use the repair service for the complete range of forks: all sizes, all suspensions, all makes
- ▶ Higher flexibility by increased availability and less stock requirements
- ▶ Protect the environment

Logistics solutions

- ▶ Benefit by a large stock and high delivery flexibility
- ▶ Reduce time and costs by direct deliveries to your customers
- ▶ Take advantage of customized packaging solutions
- ▶ Benefit from quick nationwide deliveries

Training and sales support

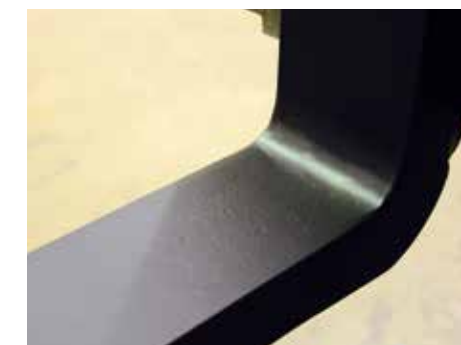
- ▶ Professional advice for all questions on forks
- ▶ Benefit from high expertise of all markets
- ▶ Ask for trainings of your team (sales & technicians)



OptimaForkHeel for up to three times the service life and a low level of deflection



Tried-and-tested fork hooks and locking lever for safe mounting



A high degree of dimensional accuracy and lateral pressing of flanks for optimum use



Identical fork tip heights for a high level of mutual compatibility (no pairing)



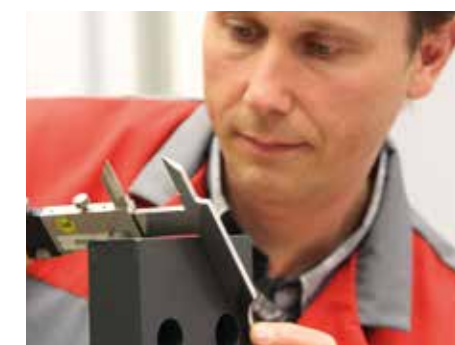
Time and temperature controlled **Flex-Heat** treatment for a long lifetime



Special fork steel for all applications and own material laboratory



Comprehensive welding quality requirements certified in accordance with ISO 3834-2



Observance and surpassing of all national and international standards such as ISO 2328, ISO 2330, ISO 3691-1, ANSI/ITSDF B56.1, ANSI/ITSDF B56.11.4



Stamping of every fork for full traceability

Dedicated to create the world`s best forks!



Independent & family-owned

Reliable & fast

Experienced & future-oriented

World leading & focused on forks

Long-term partnership

VETTER in Burbach / Germany



VETTER in Chambersburg / USA



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 contact@forks.com
 www.forks.com

Visit us on:



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