

Quicke®

NEW Q-SERIES

LOADED WITH INTELLIGENCE

NEW Q-SERIES



Quicke[®]

WORK SMARTER. NOT HARDER.

THE INNOVATOR
THAT SETS THE STANDARD FOR FARMING —
TODAY AND TOMORROW

WORK SMARTER. NOT HARDER.

The world is changing, and so is farming. We are all for embracing that change. With smarter tools, change is a chance to rise to the challenge and find new ways to improve your business.

Everything Quicke does, down to the tiniest weld run, is with one thing in mind: Making the man in the machine more efficient – through superior quality and smart details built into our products.

At Quicke we've had more than seven decades to perfect our flagship front loaders. Now we present the result.





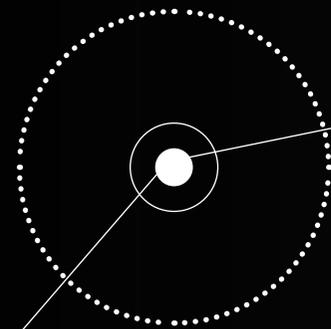
THE INNOVATOR

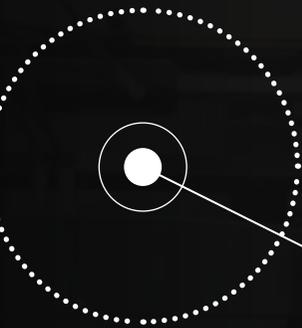
The new Quicke Q-series is engineered for modern farming. Through innovation, forward-thinking and design, we have provided smart solutions that will put you one step ahead. We have built a loader that is ready for tomorrow. You expect your TV, your phone and your car to be smart. Why expect less from your front loader?



THE NEW DIGITAL LOADER

The Q-series now introduces a digital platform into the world of loaders: **Q-companion**. An all-in-one digital solution for effective and safe front loader operation.





THE FUTURE IS HERE. IT'S CALLED Q-COMPANION.

As a modern farmer, you are constantly looking for smarter ways to work. The Q-series is designed to harmonize with your tractor in every way. Perhaps most importantly, the Q-series now introduces a digital platform into the world of loaders: Q-companion. An all-in-one digital solution for effective and safe front loader operation.

Q-Companion is a true operator support system that offers a new level of assistance by combining monitoring of the implement position, loaded weight and maintenance status into one easy to use display. And at the end of the day, you can export your work data and bring it back to the office. Quite simply, Q-companion brings loader work into the digital age, helping you to work smarter.

The main functions

The Q-companion has three main functions:

Loader status monitoring. Q-companion allows you to monitor your loaders position, angle and remaining lifting capacity at any time from a display inside the tractor cab. Tools that will increase your precision and safety.

Load weighing. Q-Companion calculates and displays the loaded weight during normal lifting and keeps track of the total. You can also set a target weight and export your weighing results when done. Let Q-Companion keep track of your work for you.

Adaptive maintenance reminder.

Based on your real loader usage, Q-Companion will remind you when it is time to lubricate and check your bolts, thus enabling an even longer life span and greater value for money. Maximize your actual working time with Q-Companion.

The user-friendly Q-companion is plug-and-play on all Q-series loaders and supports all types of tractors and control systems. And, it's easy to get started – just follow the on-screen step-by-step guide.

In the forefront

Farming is changing, and with Q-companion you will be in the forefront. By integrating state of the art sensor technology on to our loaders, the new Q-series is prepared for the future. Your efficiency is our guideline, and we guarantee you will work smarter knowing your loaders position, loaded weight and maintenance status just by looking at the color display.





Q-COMPANION FEATURES AND FACTS

Loader status monitoring

User friendly gauge for displaying implement angle and loader height. For both angle and height, upper and lower, reference positions can be displayed. The reference positions are user-configurable and stored for each individual implement. In the same view, the current and remaining lifting capacity can also be seen.

Load weighing

Get your loaded weight while working, without interruptions. Easy to use dynamic scale for weighing load during the lift cycle. The system provides intuitive visual- and audio-feedback to consistently enable the best possible result. The accuracy is up to +/-1% of full capacity (under given conditions). Up to 10 calibrated implements can be stored. You can also export the weighing results to an external USB-memory stick, so you can save your data for future reference.

Maintenance reminder

Adaptive maintenance reminders for loader maintenance that are based on the actual use the loader, not the tractor. Two individual maintenance indicator will tell you when it's time to lubricate and time for checking of bolts.

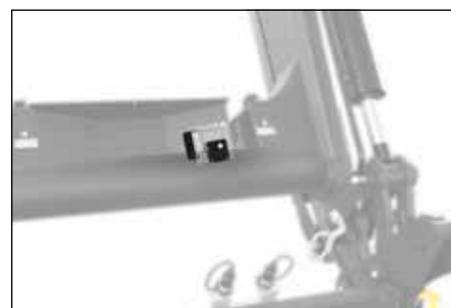
LoaderLights™ control (if fitted)

Convenient activation and status feedback of LoaderLights™ via the display. Simplified "plug and play" installation of the separate LoaderLights™ kit. Simple set-up and calibration. Get started directly. All set-up and calibration procedures are visually guided, step-by-step on the display.

Diagnostics

Operating hours, load cycle counting, hydraulic pressures and more.





THE TECHNICAL DETAILS

DISPLAY

Size and resolution:
3.5" QVGA, 320 x 240 pixels

Brightness:
400 cd/m²

Audio Buzzer:
(for sound notification)

HMI:
4 push buttons (with tactile feedback)

Interface:
USB 2.0

Mount Suction cuP:
(alternatives per request)

ENVIRONMENTAL

Operating temp:
-40 - +85°C (In cabin components: -30 - +70°C)

Ingression Protection:
IP6K9K when assembled (In cabin components: IP54)

EMC Conformity:
SS-EN ISO 14982:2009

SENSORS

Pressure sensor range:
0-420 bar

Angle sensor range:
0-360°

POWER

Voltage:
12V nominal

Current consumption:
400mA typical (excl. Loader Lights)

THE SOLUTION PROVIDER

You want the time you spend using your front loader to be as productive as possible. The Quicke Q-series is a loader with superior performance, helping you to solve problems as they arise. Improved visibility, precise controls and smart innovations will make your work more efficient. Like a knowledgeable, reliable friend, Quicke is there to make your day easier.



MAKING THE MOST OF YOUR WORKING HOURS

The new Quicke Q-series shows how clever engineering make all the difference. With outstanding visibility, improved work angles and super easy implement change, you just won't find a more high-functioning, usable front loader.

What could be more important in the work situation than a good, clear view from the driver's seat?

Quicke is renowned for its outstanding visibility. With the Q-series we've gone out of our way to improve the visibility from inside the tractor even further.

The solution consists of a number of clever solutions in the Q-series. Most importantly, the unique low placement of the cross tube and the lowly positioned front loader knees. And as always with Quicke: There are no pipes or hoses that distracts or limits your view. They are protected well within the loaders arms.

This provides you with market leading visibility from the driver's seat. You will have better overview and control, and an altogether safer experience.

Why not pay a visit to the nearest Quicke-dealer and check it out yourself? Preferably from the driver's seat.



IT'S ALL IN THE DETAILS

With Quicke Q-series, every detail is closely thought through in order to deliver the best possible advantages and use. Ultimately, it will improve every aspect of your work, and let you finish up each work day with the rewarding feeling of getting things done.



EXACT CONTROL WITH CENTRAL DISTRIBUTION VALVE

Our centrally-placed valve has many advantages. It gives the loader exact control and optimal force for heavy-duty tasks. The location of the valve gives optimal vision for the driver and offers outstanding durability, as all the components are being protected by a protective cover.



PIVOT PIN COVERS KEEPS THE GREASE AWAY

Smart details makes the Q-series easy to keep clean. Every pivot pin has a cover that ensures the lubricating grease is contained when for instance pressure washing, thus keeping the bonnet, windscreen and your clothes clean.



SAFE CONNECTIONS WITH LOCK & GO™

Our well proven connect and disconnect system Lock & Go™ will save you time without having to compromise on safety. There are no loose parts and no tools are required. You simply connect and disconnect the loader with minimum possible effort.



COMPACT IMPLEMENT INDICATOR

The position indicator is compact so that it won't cause damage or become damaged itself. It is easy to set and can be adjusted in three positions for various implements, ensuring exact precision of the implement's angle with the ground.



Q LINK – PRECISE PARALLEL LINKAGE

Q Link gives you effective parallel linkage. The design is curved and chamfered which improves visibility for excellent handling of straw bales or pallets.



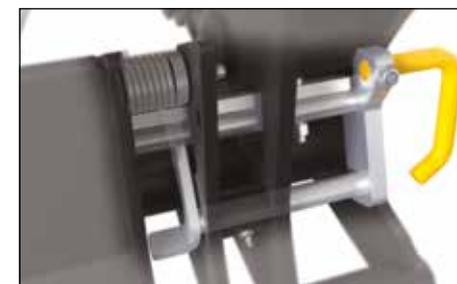
Q LOCK – HYDRAULIC IMPLEMENT LOCKING

Our improved hydraulic implement locking ensures simple and comfortable changes of implements. Using the built-in on/off function you can change implements without getting out of your driver's seat.



SAVE TIME WITH SELECTO FIX

Gain time and avoid trouble. With a simple action, you can easily attach the implement hydraulics without any problems, even when it is pressurised.



ALWAYS RIGHT WITH CLICK-ON™

Our clever, semi-automatic implement lock ensures that implements only can be attached one way – the right way. Maximises simplicity and minimises downtime. Also notice the rigid design.



SUPERIOR VIEWS WITH Q VISION

Quicke's unique loader design allows you to work with the best possible visibility. We call it Q Vision.

No pipes or hoses that restrict your view. No dirt or rubbish that can accumulate, even if you fit options to your loader. These are the obvious advantages of Q Vision, where all pipes and hoses are protected in the loader arm. Even if you install extra options onto the loader, you get the same smooth lines.

Hi-visibility tool carriers

The tool carriers for the new Q-series comes in a high visibility optimized design. With less obstructive material, you will have a clear view of your implement's back. Nonetheless, torsional strength and durability is stronger than ever.

As always with Quicke's premium products, the locking of the implement is semi-automatic, we call it Clic-on™. The tool carriers also has two levers for unlocking the implement. One centred and one side mounted, yet well protected into the tool carrier design. The side mounted locking device also doubles as an implement lock indicator, giving you full visibility, so that you can easily see that the implement is in locked position.



DRIVE SMOOTHER WITH SOFTDRIVE

Our innovative dampening system SoftDrive reduces the strain on the loader and subframes, as well as on the driver and tractor. You don't see it, but we guarantee you will feel it.

How it works

SoftDrive protects everything between the load in the implement and the ground. With its clever location, protected inside the cross tube, SoftDrive reduces the stress on the loader and attachment. That means no damage on hoses, pipes or accumulators. But it also makes driving smoother for the driver. SoftDrive for Q-series has been engineered to cope with high flows in the oil system to allow outstanding dampening.

- Protected in the cross tube, no damage on hoses, pipes or accumulators.
- Easy connection to the Q Central Valve.
- Electrical on/off switch.



FINDING THE RIGHT ANGLE

Our unique development Q Level gives you optimal work angles for improved use of the bucket.

In practical terms, Q Level enables you to crowd the bucket to a crowd angle of 58° at a height of around 0.65–0.85 m. At operational heights it means improved crowd angles compared with previous models.

It results in less spillage over the front or back of the bucket.



INCREASED ANGLES OPTIMISED FOR YOUR BENEFIT

The new Q Level is made possible by a number of factors, including optimisations made to the implement cylinders. The crowd angles are better than ever. This is a good example of how we turn our design expertise into customer benefits.



LARGER CROWD ANGLE EVEN AT LOW LIFTING HEIGHTS

With Q Level, you can crowd the bucket at an angle of 58° at a height of 0.65–0.85 m.

WITH LCS, YOU ARE IN CONTROL

Our Loader Control System (LCS) is a technical breakthrough. It's one system, but with hundreds of advantages, giving you outstanding control, direct response and drivability and brings together many technical innovations in one system.

The unique LCS valve program has been developed for the requirements and functions of the front loaders of today and tomorrow, giving a level of control that no other manufacturer can provide. *An integrated multi-coupler* saves time and also protects the environment.

A modern designed, thumb-controlled joystick further improves ergonomics and driving characteristics. Each one of these innovations provides significant advantages for you and your tractor. Together, they enable entirely new levels of loader control, user-friendliness, efficiency and safety.



WHICH JOYSTICK MEETS YOUR REQUIREMENTS BEST?

The electronic joystick is available in two different types – the ElectroDrive LCS™ Professional and the EasyDrive LCS™, enabling you to adapt your LCS™ entirely to your own needs an alternative is the mechanical, cable-guided single lever control ErgoDrive LCS™. You choose what suits you and your tractor best.



ElectroDrive LCS™ Professional



EasyDrive LCS™



ErgoDrive LCS™

Electronic joystick, thumb-controlled	●	▼		On/off configuration of 4th hydraulic service*	●	▼	
Mechanical joystick, cable operated			■	Hare function	●		
Backlit display	●	▼		CONFIGURATION MENU			
Fully proportional lifting and lowering of loader	●	▼	■	Setup of 3rd hydraulic function	●		
Fully proportional tilting and crowding of implement	●	▼	■	Setup of 3rd hydraulic function on/off, (+/-) direction	●		
Float position on lowering movement	●	▼	■	Programmable Quick Selection button	●		
Float position on tilt movement	●	▼	■	Adjustable shake function in 9 steps	●		
Lowering movement with regenerative function	●	▼	■	Configuration of tortoise mode in 3 steps	●		
Tilt movement with regenerative function	●	▼	■	Setup of tortoise speed lift and lowering	●		
3rd hydraulic service*	●	▼	■	Setup of tortoise speed tilt and crowd	●		
4th hydraulic service*	●	▼	■	Setup of display contrast	●	▼	
Soft shifting between implement movement and 3rd hydraulic function	●	▼		Diagnostics menu	●	▼	
Hydraulic implement locking*	●	▼	■	Factory setting	●	▼	
				Service menu	●	▼	
QUICK MENU				OTHER FEATURES			
Shock absorber, on/off*	●	▼	■	Spill free flat-face quick couplers	●	▼	■
Tortoise mode	●			Multi-coupler with integrated electrical connection*	●	▼	■
Shake function	●	▼		Integrated accumulator	●	▼	■
Visual AAC function	●			Dust cover	●	▼	■
Transport mode with shock absorber*	●	▼	■	Valve that does not effect the tractor system pressure	●	▼	■
Pressure relief function	●	▼	■	Built-in pre-heating function in the valve	●	▼	■
On/off 3rd hydraulic service*	●						
Locked 3rd hydraulic service*	●						
Continuous flow 3rd hydraulic service, configurable*	●						

* depending on the loader configuration

THE COMPANION

With Quicke Q-series, you will always have a friend you can depend on.

A robust workhorse and a faithful companion. With an outstanding life-span, it'll be there in the long run, come rain or shine – and give you outstanding value for money.





BUILT TO GIVE YOU PEACE OF MIND

Strength, versatility and superior quality and attention to detail is the trademark of the Q-series. This is the front loader that will endure any challenge you throw at it. Trust us, this loader is in for the long run – with ingenious design and clever engineering we have managed to increase the life span immensely, both compared to its predecessors or to any competitor.

With the introduction of casted and forged components – in the rear arms, knees and front parts – the potential life span has vastly improved. The heavy-duty steel construction means increased strength and less wear on bushings and pins. The unique loader arm construction with double U profiles provide you with the market's best torsional and bending resistance.

That means unrivalled arm strength and stability. So rest assured, that with the Q-series, you will have a loader it will last many, many years. It will get the work done, quick and precise.

A reliable partner, that will make your work easier. And maybe make your neighbour glance enviously your way.





Quicke

STRENGTH AND DURABILITY THAT OUTSHINES ITS COMPETITION

Let the new Quicke Q-series maximize your work hours, with its full range of strong, durable functions. Believe us – you will be impressed.



CASTED AND FORGED PARTS

The Q-series has forged rear arm parts and casted knee and front parts. Giving it superior strength and durability. It enables you to lift more – and save time.



STRONG AND SMART WITH TWIN "U-BEAMS"

The twin "U-beams" of the Quicke loader arms gives the loader unrivalled strength, while the external appearance looks smart with all the welds facing in towards the tractor.



UNWAVERINGLY STABLE

Reinforcements between the cross tube at the front of the loader and the loader arm are a tried and tested detail, which is important for Quicke loaders and their proven long service life. The placement of the cross tube contributes to a superior view and optimal front loader placement.



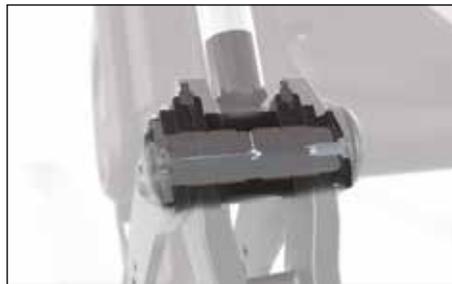
OPTIMAL DIVISION OF POWER

The compact and profile-pressed bearing box is more narrow closer to the locking pin. This means that the locking pin can be made short and strong, while the wide U-support provides maximum stability with heavy loader jobs on today's modern farms.



SUPER STRONG SUBFRAME

Quicke's Delta subframe has extraordinarily heavy-duty dimensions with many precision machined contact surfaces. Details such as the 60 mm wide U-support and 40 mm locking pin enables the loader to cope with difficult and heavy jobs for many years.



IMPROVED LOCKING ON PIVOT PINS

All pins are galvanised and equipped with Quicke's unique pin lock. The tool carrier has extra strong pins where stresses are particularly great. A hinged locking plate with a compact rubber ring prevents axial play, keeps the lubrication grease in place and fixes the pin on both sides.



ROCK-STEADY SUPPORT LEGS

Fully integrated heavy-duty design with flexible positions makes it quick and easy to connect and disconnect your Quicke loader. No tools are required and there are no loose parts.



FULL LOAD WITH LARGE WORK ANGLES

This is a strong contributor to Quicke's documented high levels of usability and productivity. Of course, the design coordinates with the performance of the original implement, which further optimises your use and capacity of the equipment.

”We take great pride in forward-thinking”

Since 1949, we have invented and refined the art of making front loaders. Today, we have top-of-the-line production facilities all over the world. We test-run every detail on our products meticulously, to meet the demands of modern farming and build the best loaders possible. Meet our Product Manager for loaders, Urban Rönqvist.

– Continuous development, decade after decade. That is the core of our long and successful history. And it also points to our future, says Urban Rönqvist, who has overseen the long, meticulous work from the developers at Ålö, leading up to the new Quicke Q-series.

The history behind Ålö starts with the idea of company founder Karl-Ragnar Åström. In the mid-1940s, he inherited the family farm in Brännland, just outside Umeå in Sweden. At this time all loading and unloading was done manually. In 1947, Karl-Ragnar designed the first Swedish front loader for his own use.

– Karl-Ragnar’s spirit of invention still lives on at Ålö. It’s part of our DNA. Being at the forefront of design and development means that we are constantly looking for improvements, both large and small. We take great pride in forward-thinking, says Urban Rönqvist.

Today we are market leaders in more than 15 countries and the undisputed world leader in front loaders and associated implements, with state of the art production facilities in Sweden, USA, France and China.

Karl-Ragnar Åström, being a farmer himself, had one single goal in mind when he created the first Quicke loader in the 1940s: To facilitate and rationalise the farmer’s work. That goal still applies today.

– When you supplement your tractor with a Quicke you should know that you are acquainting yourself with a loader range that is designed with total regard for your needs, a range that has been tried and tested for many years, says Urban Rönqvist.



THE FACTS





FRONT LOADER SPECIFICATIONS

Q-SERIES MODELS	Non Self-Levelling	Q3	Q4	Q5	Q6	Self-Levelling	Q3 ^S	Q3 ^M	Q3 ^L	
TRACTOR DATA										
Tractor PTO HP Range		60-100	80-140	100-180	120-220		60-100	60-100	60-100	
Tractor weight (max)		4000	5 000	6000	7000		4000	4000	4000	
Specified Pressure		195	195	195	195		195	195	195	
Specified Flow		50	60	80	90		50	50	50	
LOADER PHYSICAL DATA										
Arm width (C-C)		1040	1040	1040	1040/1200		1040	1040	1040	
Weight - Front loader		450	515	560	630		520	520	525	
LIFT HEIGHTS AND BUCKET ANGLES										
Maximum Lift Height - Measured at Pivot Pin		3,55	3,79	4,06	4,25		3,55	3,55	3,81	
Maximum Lift Height - Under Level Bucket		3,25	3,49	3,76	3,95		3,25	3,25	3,51	
Maximum Dump Angle at Maximum height		58	58	56	57		58	58	53	
Maximum Q Level angle							58	58	58	
Maximum Rollback Angle at ground		48	48	48	48		48	48	50	
LOADER FORCES										
Lift Capacity to Maximum Height -800mm (31.5 in) From Pivot Pin		1250	1290	1300	1590		1550	1850	1740	
Lift Capacity, 1,5m (59 in) Height -800mm (31.5 in) From Pivot Pin		1650	1720	1870	2 110		1570	1870	1760	
Breakout Force -800mm (31.5 in) From Pivot Pin		1790	1850	2 070	2 270		1630	1960	1830	
Rollback Force at Ground Level -800mm (31.5 in) From Pivot Pin		2 430	3 420	3 420	4 030		2 390	2 870	3 430	
REACH DATA										
Clearance with bucket dumped 45 deg		2580	2 820	3 090	3 280		2580	2 580	2 840	
LOADER POSITION										
Digging Depth		160	160	160	160		160	160	160	

	Q4 ^S	Q4 ^M	Q4 ^L	Q5 ^M	Q5 ^L	Q6 ^M	Q6 ^L	Q7 ^M	Q8 ^M
	80-140	80-140	80-140	100-180	100-180	120-220	120-220	140-280	>160
	5000	5000	5000	6000	6000	7000	7000	8000	9000
	195	195	195	195	195	195	195	195	195
	60	60	60	80	80	90	90	100	100
	1040	1040	1040	1040	1040	1040/1200	1040/1200	1040/1200	1200/1420
	575	575	580	620	625	720	750	760	830
	3,79	3,79	4,02	4,06	4,20	4,25	4,55	4,60	4,96
	3,49	3,49	3,72	3,76	3,90	3,95	4,25	4,30	4,66
	58	58	54	57	54	57	53	54	53
	58	58	60	58	58	58	59	58	58
	48	48	49	48	49	48	52	49	47
	1920	2 260	1780	2 300	1930	2 470	1980	2 490	2 590
	1940	2 280	1820	2 440	2 020	2 700	2 110	2 810	2 810
	1990	2 320	1910	2 640	2 160	2 840	2 230	2 990	3 630
	3 360	3 360	3 400	3 910	3 420	4 540	4 000	4 600	4 510
	2 820	2 820	3 050	3 090	3 230	3 280	3 580	3 630	3 990
	160	160	180	160	170	160	200	160	170

THE SUPPORT

As a Quicke owner, you will not only have a world-leading front loader, but also world-leading level of reliability and service. Your purchase does not end our commitment to you – it's only the beginning.

Your Quicke has to perform at its best for a long time. We have built up a strong global organisation with a comprehensive service network, giving you easy and fast access to locations for service, spare parts and knowledgeable support - wherever you operate in the world. You can be sure that our service and support is meet the same standard as our products – always aiming for 100 percent customer satisfaction. To us, second best is not enough.

Absolute customer focus. In order to support you as a customer, we have created routines that ensure all the departments in our organisation are concentrated on your requirements.

Quick online help. You will have round-the-clock online access to spare part details, instructions and other important information.

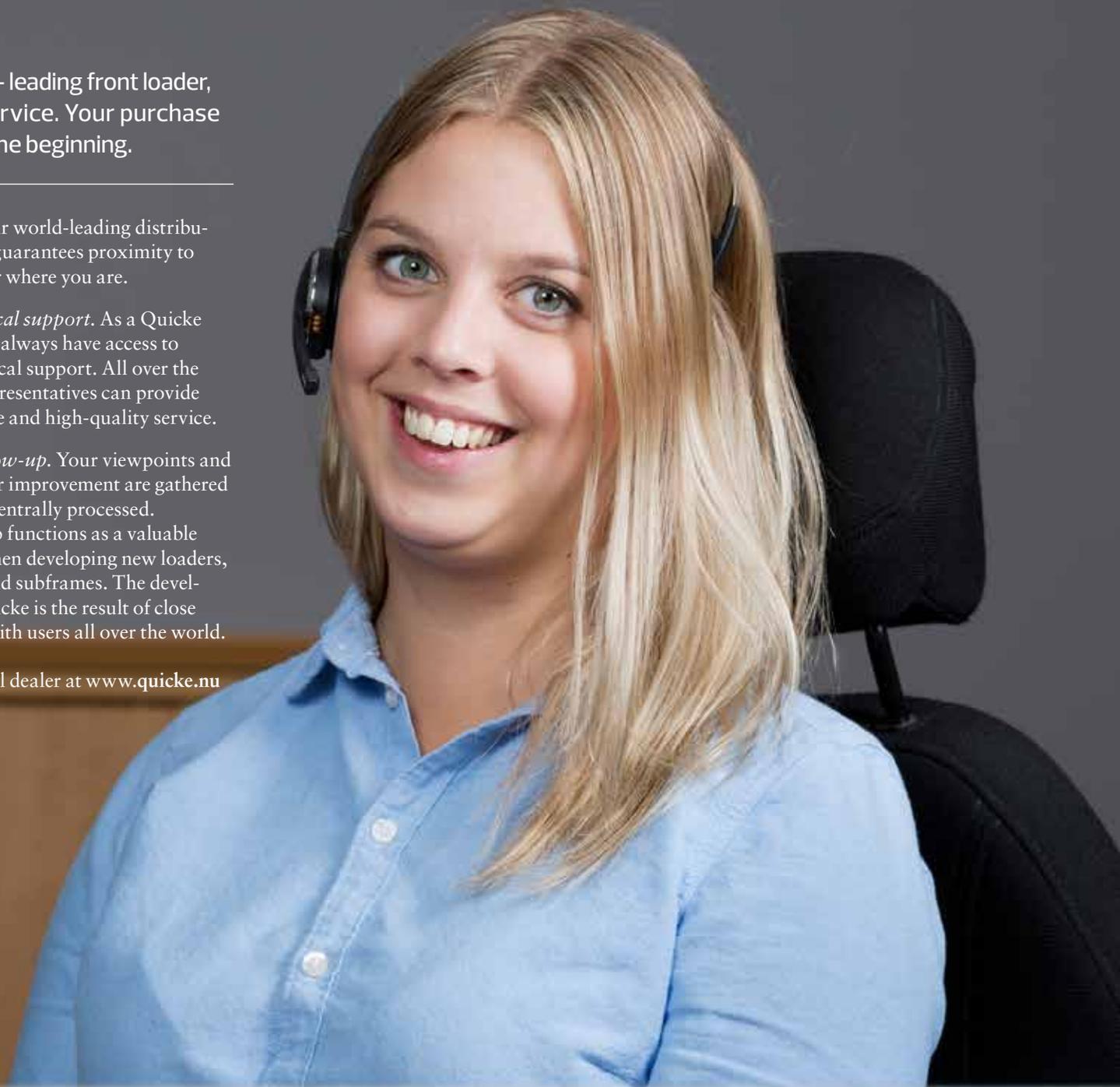
Tight-knit spare part network. Spare parts are available from our subsidiaries as well as from larger Quicke representatives the world over.

Proximity. Our world-leading distribution network guarantees proximity to you, no matter where you are.

Global technical support. As a Quicke customer, you always have access to prompt technical support. All over the world, our representatives can provide knowledgeable and high-quality service.

Constant follow-up. Your viewpoints and suggestions for improvement are gathered together and centrally processed. This follow-up functions as a valuable basis for us when developing new loaders, implements and subframes. The development of Quicke is the result of close cooperation with users all over the world.

Find your local dealer at www.quicke.nu



**WORK SMARTER.
NOT HARDER.**

**NEW Q-SERIES**

- EXTENDED LIFE SPAN – Cast parts
- OUTSTANDING VISIBILITY – Improved design
- EFFICIENT RESPONSE – Enhanced hydraulic
- Q-COMPANION – Load handling support
- ECU & SENSORS – Fully integrated

THIS IS JUST THE BEGINNING

Quicke[®]
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CLIMATE
COMPENSATED
PAPER

