

Volvo Construction Equipment
Building Tomorrow



WHEEL LOADERS IN AGRICULTURE

L45H, L50H, L60H, L70H, L90H, L110H, L120H



A large wind turbine stands in a field of rolling hills under a warm, golden sunset sky. The turbine's blades are partially visible, extending from the left side of the frame. The ground is a mix of brown and green, suggesting a rural or agricultural setting. The overall mood is serene and hopeful.

WELCOME TO OUR WORLD

Welcome to a world of industry leading machinery. A world where imagination, hard work and technological innovation will lead the way towards developing a future which is cleaner, smarter, and more connected. A world supported by the enduring values of the Volvo Group. A world of stability, sustainability and innovation. A world which we put our customers at the heart of.

Welcome to the world of Volvo Construction Equipment – we think you're going to like it here.

Working harder, working smarter

For over 180 years Volvo has been a pioneer in the design and manufacture of machines which set the standard for efficiency, performance and uptime. Across our range of excavators, wheel loaders and haulers, our reputation for engineering excellence is unrivalled, which means whatever your operation or application, we can provide a total fleet solution to help you succeed.

Building on our proud history, the Volvo Concept Lab continues to create cutting-edge ideas and innovative concepts, to ensure we offer customers machines which work harder and smarter long into the future.



Solutions for you

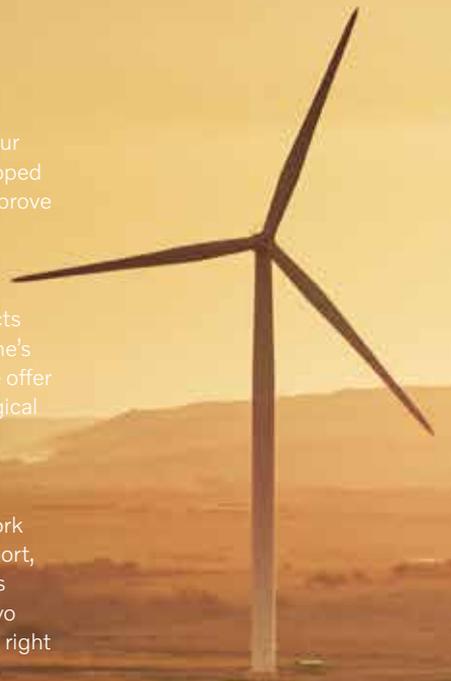
Our industry leading machines are just the start of your relationship with Volvo. As your partner, we have developed an extensive range of additional solutions to help you improve uptime, boost productivity and reduce costs.

Designed for your business

Structured across nine blocks, our portfolio of products and services are designed to complement your machine's performance and boost your profitability. Simply put, we offer some of the best guarantees, warranties and technological solutions in the industry today.

There when you need us

Whether you're buying new or used, our global network of dealers and technicians offer around-the-clock support, including machine monitoring and world-class parts availability. It's the basis of everything offered by Volvo Services, so you can be confident we've got you covered right from the start.



BUILDING TOMORROW



The perfect package

Built for the job

Specialized tasks require specialized equipment, which is why Volvo offers wheel loaders configured to meet the unique requirements of a wide range of applications. Our application specific wheel loaders are designed and built to ensure you achieve superior results according to the unique demands of the segment you are working in.

The right machine options, tires and attachments all combine to ensure our specially adapted wheel loaders deliver maximum safety and performance. As with all Volvo products you can trust in the full support and back-up of your Volvo dealer, and aftermarket Volvo solutions, for the lifetime of your machine.



Farmer's choice

The all-rounder for agriculture

Work on the farm never stops, so you need a machine which delivers non-stop performance too. Working day or night, indoors or outdoors, the Volvo agriculture wheel loader will fit seamlessly into your operation, carrying a variety of loads across some of the most challenging ground conditions.

By utilizing our decades of experience working with farmers we have tailored a wheel loader which boosts productivity in agriculture applications – including landscaping, irrigation, livestock and crop production. Agile, versatile and reliable, the agriculture machine is the perfect partner in peat and sugar beet handling, silage making, as well as nurseries.

Non-stop versatility

The ultimate tool for loading and material handling in farming applications, Volvo agriculture wheel loaders are designed to efficiently take on a wide range of jobs. Combining the renowned operator comfort and outstanding uptime you expect from Volvo, our agriculture wheel loaders are made for the farm.

Do it all

The third hydraulic function enables the use of hydraulic attachments, giving added versatility to your machine, while the attachment bracket enables switching between attachments in seconds. The Torque-Parallel linkage system provides high break out, tilt-in and lifting forces, and the parallel movement contributes to greater load stability. Fast travel speed allows the machine to navigate the farm efficiently.



Built-in operability

Take on tight turns, narrow lanes and soft underground conditions with ease in the highly maneuverable Volvo Wheel Loader. A host of features including compact design, optimized machine weight, agriculture tires, perfectly matched engine power, high dump height and high rimpull ensure the machine delivers maximum productivity in agricultural operations.





"The flexibility of our Volvo wheel loaders makes them an absolutely vital part of our operation. If you look around, you'll see at least 17 attachments for our L90H and L60H, which means we can take it all over the farm and into town when we need to also. We use it to handle feed, transport supplies, load silos, even to plough snow... The machines are essential to our business and being able to achieve our profitability goals."

*"We've been using Volvo loaders for over 30 years and the quality of their machinery is what keeps us coming back. Volvo machines meet all our requirements: reliability, flexibility, driver comfort, spare parts availability. We'd certainly recommend Volvo to other farms looking for a loading machine."
Christina Winblad, Owner of WOMTORPS LANTBRUK farm (Sweden)*

Primed for comfort

Keep it comfortable thanks to the easy access/exit and well-ventilated Volvo cab, with excellent all-around visibility. Smart functions, such as the Boom Suspension System, ensure a comfortable ride when the machine is at work and on the move. The result is reduced fatigue and a more productive operator for the entire work shift.



Easy servicing

The Volvo agriculture wheel loader is designed to keep uptime to a maximum. The automatically reversible radiator fan allows for self-cleaning of the cooling units, and the slide-out cooler installation enables further speed of cleaning.



L45H, L50H

Ready for farming

Torque Parallel-linkage

Boom Suspension System

Third hydraulic function

Adjustable flow for third hydraulic function

Excellent traction

Customizable settings

Attachment bracket

Easy to operate and maneuverable





Hand inch valve

Automatically reversible cooling fan

Engine air pre-cleaner

Foldable A/C condenser: easy access to main cooler

Optimized dump height

Powerful and fuel-efficient Volvo engine

Compact design

Agriculture mudguards, full cover

Agriculture tires for optimal grip

L60H, L70H, L90H, L110H, L120H

Loaded for agriculture

Easy to operate
and maneuverable

Engine air
pre-cleaner

Compact design

Powerful and fuel-
efficient Volvo engine

Slidable cooling
unit

Automatically reversible
cooling fan

Agriculture mudguards,
full cover

Agriculture tires
for optimal grip



Customizable settings

Electro Servo (L110H, L120H)

Adjustable flow for third hydraulic function

Third hydraulic function

Optimized dump height

Torque Parallel-linkage

Attachment bracket

Boom Suspension System

Excellent traction

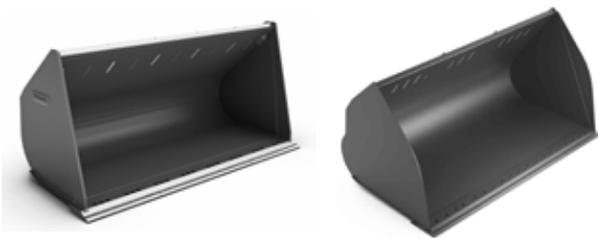


Multi-tasking made easy

Unlock the full versatility of your machine with the Volvo attachment bracket, facilitating fast attachment changes and enabling machine compatibility with an extensive range of attachments. With the Volvo attachment range you can count on maximum productivity, fuel efficiency and uptime.

More information can be found in the Attachments brochure, or in the Attachments selector tool, available for IOS on App store, for Android on Play Store and China Android Store.

Light Material buckets



High-Tip buckets



General Purpose bucket



Clamp bucket



Grading bucket



Stone bucket



Forks



Material Handling Arm



Attachment bracket



The right tool for the job

Take on even more agriculture tasks such as feeding, cleaning, bale handling and silage collection. Your Volvo dealer will work with you to recommend, source and supply the best attachment for your operation.

Get in touch to find out more.

Configured for success

Benefit from all the features and functions found on a standard Volvo Wheel Loader, combined with the specialist equipment needed to succeed in agriculture and landscaping applications. In addition to the agriculture package, there are a number of other options we can offer which are beneficial in this application.

• Included in the Agriculture package

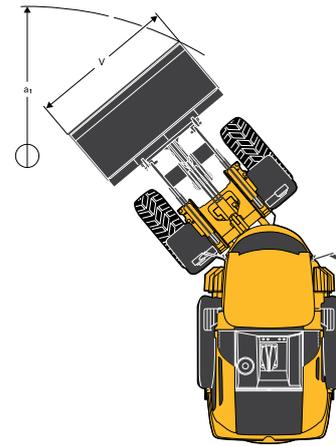
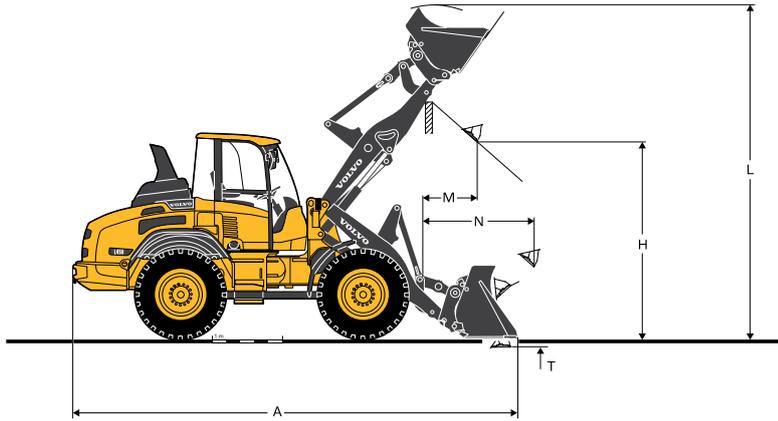
•* Included in standard machine configuration

o Optional equipment

	VOLVO WHEEL LOADERS IN AGRICULTURE						
	L45H	L50H	L60H	L70H	L90H	L110H	L120H
Attachment bracket	•	•	•	•	•	•	•
Separate attachment locking			•	•	•	•	•
Third hydraulic function	•	•	•	•	•	•	•
Boom Suspension System (BSS)	•	•	•	•	•	•	•
Reversible fan	•	•	•	•	•	•	•
Agriculture tires Contact your Volvo dealer for information on available tires	•	•	•	•	•	•	•
Agriculture mud guard	•	•	•	•	•	•	•
Hand inch valve	•	•					
Extended fenders	o	o					
Front mudflaps	o	o					
Electric servo			o	o	o	•*	•*
Adjustable flow for third hydraulic function Included in standard machine for Electric Servo machines	•	•	o/•*	o/•*	o/•*	o/•*	o/•*
Fourth hydraulic function	o	o	o	o	o	o	o
Single lever	o	o	o	o	o	o	o
Comfort Drive Control (CDC)	o	o	o	o	o	o	o
Hand throttle control	o	o	o	o	o	o	o
High flow function	o	o					
Extra oil return line via filter	o	o					
Axle oil cooler				o	o	o	o
Long boom	o	o	o	o	o	o	o
LED work lights packages Contact your Volvo dealer for more information	o	o	o	o	o	o	o
Lube system	o	o	o	o	o	o	o
Hose Rupture Valve	o	o					
High cooling capacity / Tropical cooler	o	o					
Engine air pre-cleaner, turbo II type	o	o	o	o	o	o	o
Engine air pre-cleaner, cyclone			o	o	o	o	o
Hydraulic fluid, biodegradable, Volvo	o	o	o	o	o	o	o
Towing hitch			o	o	o	o	o
Trailer socket	o	o					
Sweeper preparation	o	o					
Engine auto shutdown	o	o	o	o	o	o	o
Engine shutdown, delayed			o	o	o	o	o
Seat air-suspended with heating	o	o	o	o	o	o	o
Slow moving vehicle sign	o	o	o	o	o	o	o
Lock-up			o	o	o		
OptiShift						o	o
Cab air pre-cleaner, cyclone type			o	o	o	o	o

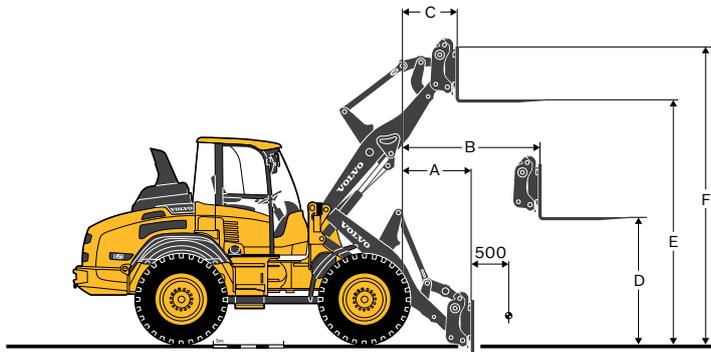
Depending on the country, some optional equipment listed above may be included in the standard machine configuration.

Specifications



Light material bucket		L45H	L50H
Capacity heaped	m ³	2	2
Material density	kg/m ³	1200	1300
Static tipping load, straight (ISO 14397)	kg	5600	6290
Static tipping load, full turn 40° (ISO 14397)	mm	4960	5570
Hydraulic lifting capacity	kN	66	83
Breakout force	kN	56	58
A Total length	mm	6615	6690
L Lift height, max.	mm	4940	5235
V Bucket width	mm	2250	2250
a ₁ Clearance circle	mm	10460	10505
T Digging depth	mm	85	95
H Dump height	mm	2610	2695
M Reach at max. height	mm	1115	1115
N Reach, Max.	mm	1935	1970
Operating weight without load	kg	8830	9520

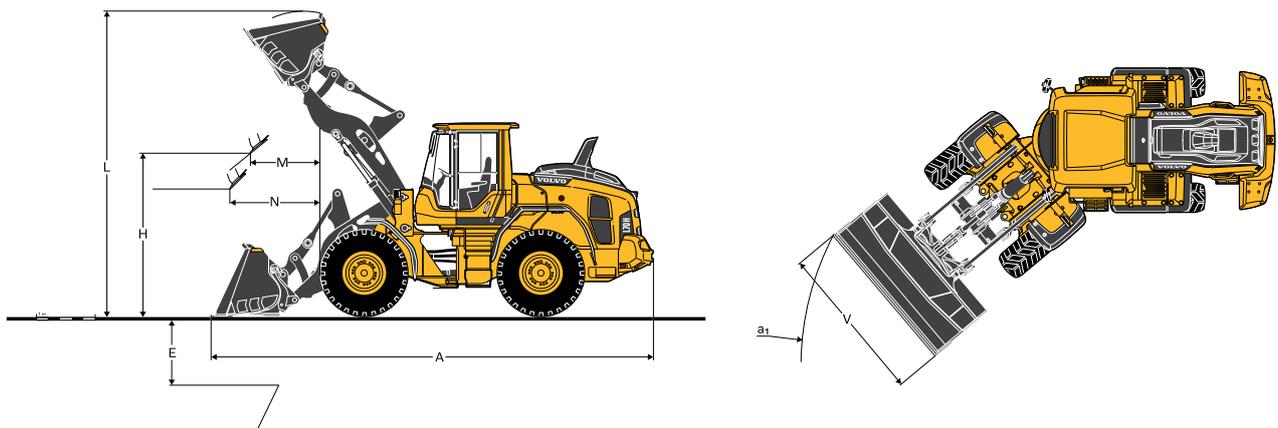
With tire Michelin 500/70 R24 XMCL



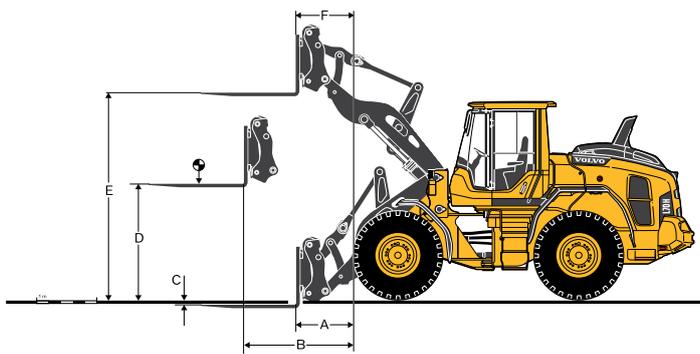
		L45H	L50H
Fork frame sales code		CL2805036	CL2805036
Fork tines sales code		CL11392154	CL11392154
40° deg. turn (ISO 14397)	kg	4420	4810
Tipping load acc. EN 474-3, 60/80%	kg	2650 / 3530	2880 / 3840
Tipping load 80%, Transport position, full turn 40°	kg	4000	4000
A	mm	785	800
B	mm	1475	1505
C	mm	650	655
D	mm	1705	1745
E	mm	3490	4320
F	mm	4225	4810
Operating weight without load	kg	8637	9340

Load Center 500 mm

With tire Michelin 500/70 R24 XMCL



Attachment		L60H 92564		L70H 80562		L90H 92687		L110H 92689	L120H 92689
		3.1 m ³ LM H MegaXBib 620/75 R26	3.1 m ³ LM H MegaXBib 750/65 R26	3.4 m ³ LM H MegaXBib 620/75 R26	3.4 m ³ LM H MegaXBib 750/65 R26	4.1 m ³ LM H MegaXBib 620/75 R26	4.1 m ³ LM H MegaXBib 750/65 R26	5.5 m ³ LM H CEREXBIB 750/65 R26	5.5 m ³ LM H CEREXBIB 750/65 R26
Volume heaped ISO/SAE	m ³	3.1	3.1	3.4	3.4	4.1	4.1	5.5	5.5
Volume at 110% fill factor	m ³	3.4	3.4	3.7	3.7	4.5	4.5	6.1	6.1
Static tipping load, straight machine (SAE)	kg	8000	8180	8740	9000	10490	10600	11640	12730
Static tipping load at 35deg. turn (SAE)	kg	7120	7290	7760	8020	9250	9330	10250	11180
Static tipping load at full turn (SAE)	kg	6870	7030	7470	7730	8890	8960	9840	10730
Breakout force at ground level (Att.Edge-100)	kN	60.9	60.7	71.2	70.8	99.6	99.7	115	121.4
A Overall length	mm	7630	7620	7740	7710	7990	8000	8580	8680
E Digging depth, max dump (S)	mm	1420	1410	1430	1400	1540	1540	1700	1720
H Dump clearance	mm	2660	2670	2570	2620	2670	2650	2420	2490
L Overall operating height	mm	5340	5350	5490	5520	5700	5690	5840	5910
M Dump reach	mm	1290	1280	1280	1300	1290	1270	1520	1550
N Reach at 45deg discharge, Pos. G	mm	1610	1610	1650	1660	1700	1690	1800	1890
V Bucket width	mm	2550	2550	2650	2650	2750	2750	3000	3000
a ₁ Outer clearance circle (diameter)	mm	11990	11990	12130	12120	12490	12480	13250	13330
Operating weight without load	kg	11960	12230	13720	13990	15370	15650	18670	19410



		L60H	L70H	L90H	L110H	L120H
Fork frame sales code		83768	83768	83770	83770	83770
Fork tines sales code (R/L)		80042/80043	80042/80043	80106/80107	80106/80107	80106/80107
Static tipping load, straight	kg	5243	5759	6874	8002	8753
35° Turn	kg	4703	5165	6116	7123	7776
at full turn	kg	4543	4989	5892	6861	7486
at load center distance*	mm	600	600	600	600	600
A	mm	737	780	871	861	958
B	mm	1506	1555	1618	1641	1716
C	mm	-81	-90	-61	-39	1
D	mm	1874	1898	1857	1897	1866
E	mm	3755	3775	3897	3841	3875
F	mm	639	706	580	768	807
Operating weight without load	kg	11471	13039	14446	17228	17968

* Firm and level ground

Tires L60H, L70H, L70H: Michelin MEGAXBIB 620/75R26

Tires L110H, L120H: Michelin CEREXBIB 750/65R26



More than machines

Engineering machines which deliver outstanding results is just the start of how we can support your operation. As your partner we are here to help with every aspect of your Volvo machinery: how you use it, maintain it, pay for it and even how you sell it. Our portfolio of services is designed to complement your machine's performance and boost your profitability.

Genuine Volvo Parts

Maintain productivity and machine uptime with our range of readily available, tested and approved parts – all backed by Volvo warranty. Only by using Genuine Volvo Parts, can you protect your investment, extend machine life and guarantee long-lasting performance.

Volvo ACTIVE CARE

Maximize machine uptime and reduce repair costs with Volvo ACTIVE CARE. Utilizing CareTrack data, the intelligent service provides round the clock machine monitoring, as well as customer reports – to help take predictive and preventative maintenance actions.



Maintenance and repair agreements

Stay on track with planned servicing and keep your asset covered with our range of flexible maintenance and repair options.

Financial Services

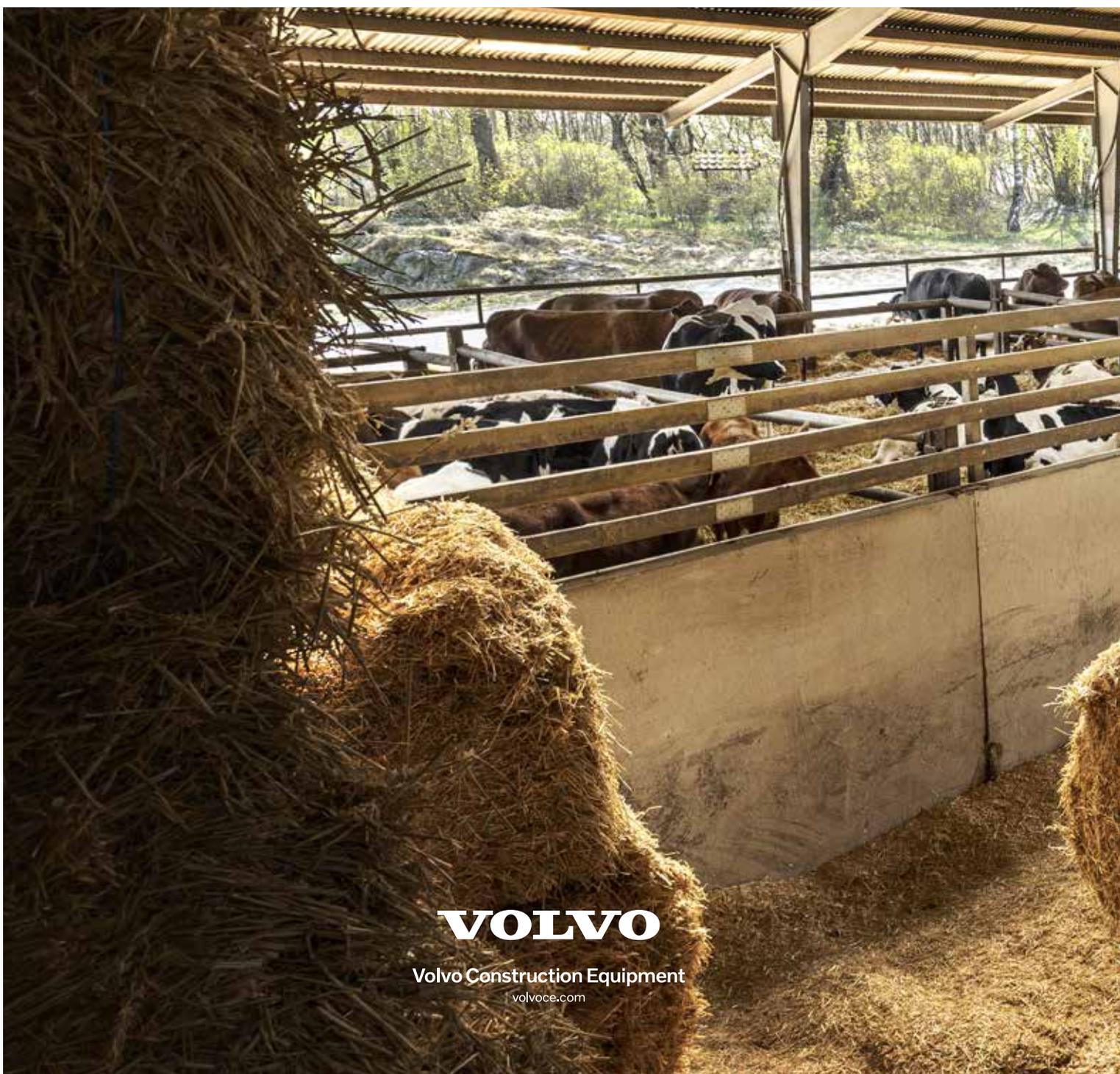
Volvo knows business finance – and our team of experts are dedicated to helping you succeed. With flexible financial and insurance solutions, we can help grow and protect your business. From a single unit to an entire fleet, new or used, we'll customize a solution to meet your needs.





Keep it in the family

In addition to wheel loaders, Volvo is proud to provide an extensive portfolio of solutions to the agriculture and landscaping industry. Throughout our machinery line-up we are committed to producing machines which deliver outstanding results in farming applications.



VOLVO

Volvo Construction Equipment

volvoce.com