With over 180 years of construction and innovation expertise, Volvo CE is at the forefront of technological development. For us, the latest technology is not just nice to have, it's essential to stay competitive and secure long-term profitable growth. Intense research and development work are carried out at Volvo CE's R&D centres and manufacturing facilities worldwide. Dedicated work teams use the Volvo Production System, a unique production philosophy that uses highly advanced technologies and techniques to ensure Volvo's quality standards.
Volvo has more than 180 years of technical know-how and 75 years of excavator experience to develop some of the world’s finest earth moving machines.

With a history that can be traced all the way back to 1832, Volvo CE is one of the true pioneers of the construction equipment industry. Through its introduction of world famous innovations such as wheel loaders and articulated haulers, Volvo CE has revolutionized the construction equipment industry.

Åkerman gradually expanded its product range and by 1995, more than 10,000 units of hydraulic excavators had been delivered to customers all over the world.

Larger range of machines
Volvo CE also utilized technology and know-how from its other product lines, like wheel loaders and articulated haulers – both world leaders and with state-of-the-art product features. Volvo’s unique expertise in these areas contributed to the outstanding fuel efficiency, productivity and cost of operation of the new excavator range.

Over the years, Volvo’s excavator range has been continually growing in size to match the growth of its hauler equipment – machines are available from 1.5 to 90 tons. The most recent addition is the 90 ton Volvo EC950E excavator launched in 2016.

Still uncovering new ground
Volvo is world-renowned for its commitment to safety. Within the context of excavators, that means protecting both operators and those around them.

Volvo also works closely with its customers to constantly develop new features to bring down their total cost of ownership. The innovations introduced by Volvo to its excavators include: automatic engine shutdown and auto-idle functions for fuel efficiency; load-sensing hydraulics for reduced power consumption; ergonomic and intuitive controls for better operator productivity; and wide-opening hoods for safe and easy access to components during servicing.

Global Milestones
1832 Johan Theofron Munktell started his company
1844 Bolinder Brothers started their company
1889 Åkerman started a company
1927 Volvo was launched
1932 Åkerman’s first excavator was launched
1939 Volvo acquired Bolinder Munktell
1939 Åkerman specialized in excavators
1944 Bolinder Brothers merged to form AB Bolinder-Munktell (BM)
1950 Volvo acquired Bolinder-Munktell
1956 Åkerman specialized in excavators
1958 Volvo CE acquired Samsung Construction Equipment
1966 Åkerman became a part of Volvo CE
1966 Volvo acquired Samsung Construction Equipment
1991 Volvo became a part of Volvo CE
1991 Volvo became a part of Volvo CE
1998 Volvo CE acquired Samsung Construction Equipment
1999 Volvo acquired Samsung Construction Equipment
2001 D Series excavators launched with Tier 4i engines
2011 D Series excavators launched with Tier 4i engines
2016 E Series excavators launched with Tier 4f final engines

With a history that can be traced all the way back to 1832, Volvo CE is one of the true pioneers of the construction equipment industry. Through its introduction of world famous innovations such as wheel loaders and articulated haulers, Volvo CE has revolutionized the construction equipment industry.

The history of Volvo’s excavators is closely linked to that of Swedish company Åkerman, founded in 1890. The company started out manufacturing equipment such as pumps and grinders and later moved into construction equipment. Åkerman’s first excavator was built in 1939, the 8 ton Åkerman 300 rope-shovel model became an instant success and marked the start of the company’s international expansion.

Volvo has more than 180 years of technical know-how and 75 years of excavator experience to develop some of the world’s finest earth moving machines.

Focused on excavators
Over the following years, the excavator business gradually developed and by 1956, Åkerman was specialized only in this product line. During the 1950s, the company introduced its first hydraulic excavator and these machines helped make Åkerman the most successful engineering company in Sweden in the 1970s. Åkerman’s engineers continued to develop high-quality and high-performance excavators and in the 1980s, the company was bought into the Volvo family. Åkerman’s experienced engineers were trusted with developing excavators under a new brand: Volvo.

Still uncovering new ground
Volvo is world-renowned for its commitment to safety. Within the context of excavators, that means protecting both operators and those around them.

Volvo also works closely with its customers to constantly develop new features to bring down their total cost of ownership. The innovations introduced by Volvo to its excavators include: automatic engine shutdown and auto-idle functions for fuel efficiency; load-sensing hydraulics for reduced power consumption; ergonomic and intuitive controls for better operator productivity; and wide-opening hoods for safe and easy access to components during servicing.

Still uncovering new ground
Volvo is world-renowned for its commitment to safety. Within the context of excavators, that means protecting both operators and those around them.

Volvo also works closely with its customers to constantly develop new features to bring down their total cost of ownership. The innovations introduced by Volvo to its excavators include: automatic engine shutdown and auto-idle functions for fuel efficiency; load-sensing hydraulics for reduced power consumption; ergonomic and intuitive controls for better operator productivity; and wide-opening hoods for safe and easy access to components during servicing.

Global Milestones
1832 Johan Theofron Munktell started his company
1844 Bolinder Brothers started their company
1889 Åkerman started a company
1927 Volvo was launched
1932 Åkerman’s first excavator was launched
1939 Volvo acquired Bolinder-Munktell
1939 Åkerman specialized in excavators
1944 Bolinder Brothers merged to form AB Bolinder-Munktell (BM)
1950 Volvo acquired Bolinder-Munktell
1956 Åkerman specialized in excavators
1958 Volvo CE acquired Samsung Construction Equipment
1966 Åkerman became a part of Volvo CE
1966 Volvo acquired Samsung Construction Equipment
1991 Volvo became a part of Volvo CE
1998 Volvo CE acquired Samsung Construction Equipment
2001 D Series excavators launched with Tier 4i engines
2011 D Series excavators launched with improved fuel efficiency
2016 E Series excavators launched with Tier 4f final engines