



Volvo Construction Equipment

# BUCKETS

Volvo Excavators





# SHAPED TO PERFORM

The profile and optimized bucket entry makes it easier to penetrate the ground, release material and it gives increased wear-life. With a short tip radius breakout force is enhanced and the optimal design and structure of the roof increases structural durability and bucket lifetime.

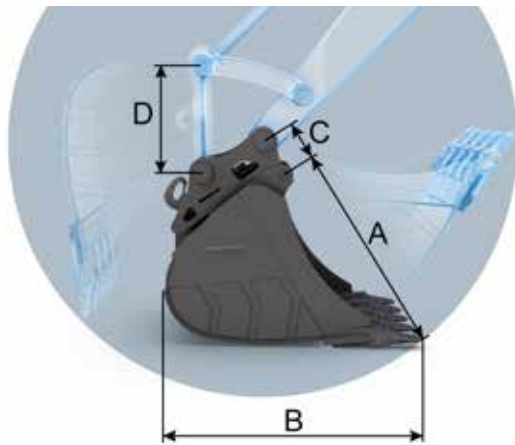


# The perfect match

There is no question that Volvo produces the best buckets in the market to fit its machines. The new generation of excavator buckets are designed to work in harmony with Volvo's range of large excavators, acting as the perfect extension of your machine's power.

## Match and attach

The buckets are perfectly matched to Volvo machines and are available loose or as fitted from factory. Wear parts can be configured and designed to suit specific needs in most applications.



## High Tensile Steel

Stronger high tensile steel has been used to increase the bucket's durability. The positioning of wear plates has been optimized to cover critical areas which protect the bucket and prolongs its lifespan.



## Full range

Volvo offers an extensive range of bucket types and sizes, allowing to make the best choice for most applications and segments. Volvo is a one-stop shop for every application.



## Genuine Volvo wear parts

A wide range of wear parts are offered from Volvo to protect your complete bucket. Such as teeth, adapter, segments, side cutter, shroud. Customize your wear protection for the job.

# One bucket, many benefits

## Improved roof structure

Reshaped for increased strength and lifetime.

## MATCH AND ATTACH

The buckets are perfectly matched to Volvo attachments and are available loose or as factory fit.

## Perfect interface fit

Complete versatility regardless of your excavator's quick coupler system.

## SHAPED TO PERFORM

A short-tip radius produces enhanced break-out force which reduces wear on the bucket.

## HIGH TENSILE STEEL

Stronger high tensile steel has been used to increase the bucket's durability.





**Vertical wear strips**

Improved protection of your bucket's outer sides and back for reduced wear.

**Optimized bucket opening and closing angle**

Achieve maximum working range and increased digging performance.

**A WIDE RANGE OF GENUINE VOLVO WEAR PARTS**

The wear parts are easy to mount, allowing the customer to customize wear parts according to application.

**Maximized vertical digging depth**

Engineered to reach further than before with the same boom and arm.

**FULL RANGE**

Volvo is a one-stop shop, tailor making buckets for every application.

# Volvo bucket range



## General Purpose Bucket (GP)

Designed for digging and re-handling soft to medium materials (~1 800kg/m<sup>3</sup>) such as dirt, loam, top soil, coal, shot limestone, sand, loose clay soils with low wear characteristics and limited rock content.

- Bolt or weld on side cutters that protect side cutting edge as well as improve bucket penetration (optional)



**Bottom and side wear protection cover the high wear areas**



**With welded side cutters**



**With bolted side cutters**

- High tensile steel in bottom wear strips that cover about 40% on the bottom area, side wear plates that cover about 25% on the side area, front cutting edge and side cutting edges
- Safety hook (optional)
- Teeth: VTS General Purpose Excavation (GPE)
- Volvo machine fit globally (regional differences may occur)

**EC140-EC950 / EW140-EW210**



## Heavy Duty Bucket (HD)

Intended for productive digging in compact materials like loose or blasted rock, hard packed clay and stone. (~2 100 kg/m<sup>3</sup>). Also appropriate for gravel, ripped basalt, caliche, shot granite, high silica sand, sharp rock and other dense materials. The bucket has an all-round heavier and tougher build than the general purpose version.

- Side shrouds to protect the side cutting edges (optional)
- Segments that protect the front cutting edge (optional)



**Bottom wear strips cover almost the whole bottom plate**



**Available also without side shrouds and/or segments**

- High tensile steel in bottom wear strips that cover about 80% on the bottom area, side wear plates that cover about 50% on the side area, front cutting edge and side cutting edges for increased life
- Safety hook (optional)
- Teeth: VTS Abrasive Rock Extra Wear Excavation (AMRE / ARXE)
- Volvo machine fit globally (regional differences may occur)

**EC140-EC950 / EW140-EW210**

## Quick Couplers and Interfaces

### Direct fit - Best performance



Direct fit to the boom is best when the machine is dedicated to one application like mass excavation. Maximises productivity and gives the shortest tip radius.

**EC140-EC950**  
**EW140-EW210**

### Dedicated quick coupler - Performance and flexibility



The S60 or S70 quick coupler is the choice for work that requires high performance and has the ability to easily switch attachments. Use it in both face shovel and back hoe position and together with tilt rotators.

**EC140-EC250**  
**EW140-EW210**



The S1, S2 or S3 quick coupler is the choice for work that requires high performance and the ability to easily switch attachments. Low build height, light weight design and a very tight fit to the attachment.

**EC200-EC480**  
**EW180-EW210**

### Universal quick coupler - Flexibility



Picks up a wide variety of attachments in both face shovel position and back hoe positions.

**EC140-EC480**  
**EW140-EW210**

## Volvo Tooth System (VTS)



### General purpose

Self-sharpening general-purpose tooth with good penetration and long service life. (Standard on GD buckets, GPE)



### Abrasive rock extra wear

Tooth with extra wear metal and longer service life intended for rock and abrasive material. Self-sharpening. (Standard on HD bucket, ARXE / AMRE)



### Twin pick

Twin pick point with sharp, dual point profile is ideal for compact or frozen ground. (TPE)



### Pick point

Pick point tooth for working in extremely compact material. (PPE)



### Spade nose

Spade nose tooth is designed for finishing work such as leveling, grading, cleaning & backfilling. (SNE)



### Bottom leg adapter

1½ bottom leg adapter, for welding to both sides of the cutting edge. Standard adapter on buckets. (BL)



### Bottom leg extra

Bottom leg adapter with extra-long legs for welding to both sides of the cutting edge. (BLX)



### Bottom leg wear cap

Bottom leg adapter for wear cap with extra long legs for welding to both sides of the cutting edge. (BLW)



### Wear cap

Wear cap protects the adapter from unnecessary wear for BLW.



### Weld-on cast segments

Segments protect the bucket edge between the points. (BPE)

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

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