

## K.T.S Universal Bucket (letters in picture)

1

**K.T.S Universal Bucket Trusses are stronger** and lighter than thick sheets of high-alloy steel. Therefore, **all our buckets** are built with trusses to save material and weight, and **make the design stronger**. See below how K.T.S designs durable and torsion-resistant buckets of very high quality.

**A.** The double edge strengthens the upper part of the bucket.

**B.** The channel sections (U-profiles), on which K.T.S bolted universal brackets are mounted, reinforce very efficiently the entire back of the bucket and also the brackets.

**C.** Box-section design between inner plate G, bottom and back plate. The bucket will withstand point and uneven loads in a much better way.

**D.** Lengthwise and transversal bars at the bottom serve as both reinforcement and wear plates.

**E.** Wear steel made of special steel reinforces the cutting edge of the bucket.

**F.** Edge steel reinforces the side plates.

**A.** Prism design of the upper parts of the gables, combined with edge and corner reinforcement, considerably stabilises the K.T.S bucket gables.

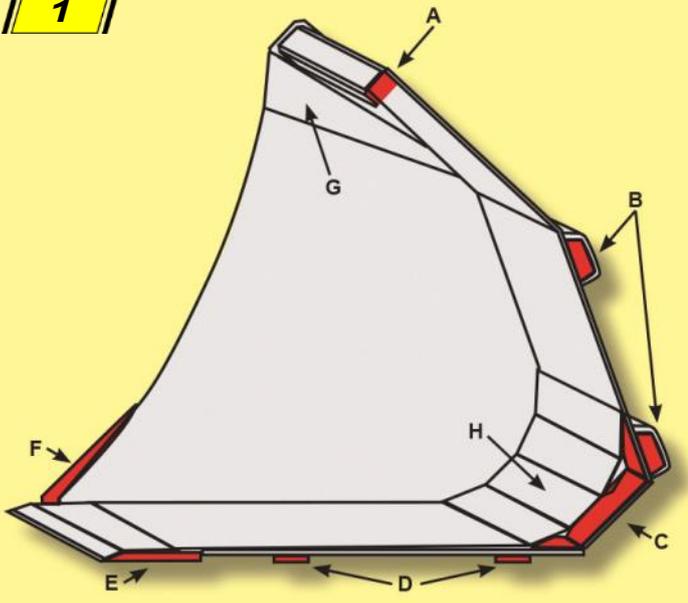
**H.** The inner plate provides a rounding to the back of the bucket to facilitate loading. **K.T.S ProLine** buckets have **no internal reinforcement gussets** that prevent loading and unloading.

2

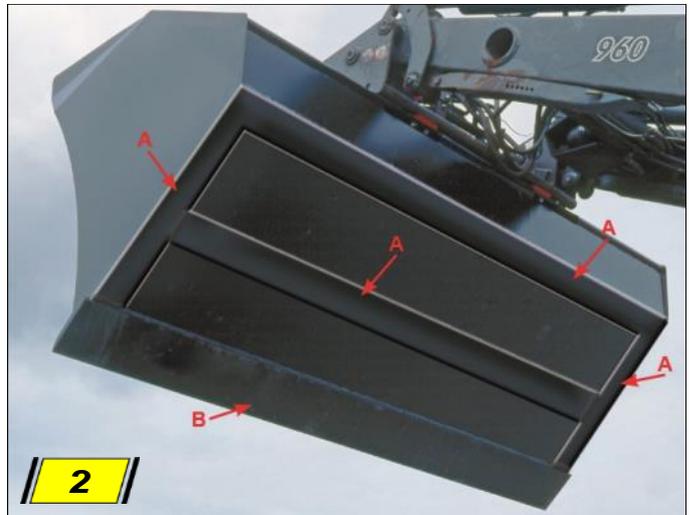
The reinforcement in the bottom of the bucket makes the bucket stronger, **thanks to which it can withstand great strain** from large and powerful machines.

The all-welded edge steel makes the bucket extremely resistant to wear from gravel and hard surfaces. **The 20 mm edge steel has 400 Brinell hardness.**

1



2



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**ProLine**

3

No internal reinforcement where soil and snow stick. Instead K.T.S Universal Buckets have **trusses**, which make them very strong and torsion resistant. **The same proven design as the one used for road bridges.**

We recommend K.T.S Universal Buckets for **tractors, loaders and telescopic handler**. This bucket type comes in working widths of 2.2 - 2.4 and 2.6 m.

4

Today, we have some 30 different bolted brackets suitable for most machines. **Just imagine the amount of money you will save** the day you change your machine! Simply buy other brackets and bolt them to your attachment! If we do not have the bracket, the machine is no more than 10 years old and you can provide the drawings of the bracket, we will develop it **for free!** You know **that bolted brackets** are well tested and a **construction that lasts; K.T.S has used bolted brackets since the early 90s.**



<b>K.T.S Universal Buckets for professionals, incl. bolted Trima or Euro brackets</b>								
<b>Model</b>	<b>Width mm</b>	<b>Depth mm</b>	<b>Height mm</b>	<b>Volume approx. with reinforcement</b>	<b>Weight kg</b>	<b>Steel thickness, bottom and back mm</b>	<b>Sheet thickness, gables mm</b>	<b>Thickness mm bucket steel 400 Brinell</b>
<b>Gravel and snow bucket</b> Universal bucket	2,200	1,020	1,010	1.64 m <sup>3</sup>	396	5	5	20
<b>Gravel and snow bucket</b> Universal bucket	2,400	1,020	1,010	1.79 m <sup>3</sup>	430	5	5	20
<b>Gravel and snow bucket</b> Universal bucket	2,600	1,020	1,010	1.94 m <sup>3</sup>	452	5	5	20

## K.T.S Light-Material Bucket

**5**

**K.T.S Light-Material Bucket** and Universal Bucket are designed with “**Anti-spill**”, meaning that the bucket is tilted upwards so that you will get a maximum filling of e.g. cereals and snow.

**6**

K.T.S Light-Material Bucket is not designed for professional use, but for those who need a **robust bucket at an affordable price**.

The light-material bucket has welded Trima/SMS brackets.

K.T.S Light-Material Bucket has a **long and rounded bottom**, which facilitates loading. The conical shape also makes unloading easier for you. The bucket steel is as thick as 20 mm!

Of course, K.T.S Light-Material Bucket is also constructed with trusses.

*K.T.S Light-Material Bucket is available in three sizes, all of which have internal reinforcements.*



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### Specifications, K.T.S Light-Material Bucket, welded Trima/SMS

Model	Width mm	Depth mm	Height mm	Volume approx. with reinforcement	Weight kg	Steel thickness, bottom and back mm	Sheet thickness, gables mm	Thickness bucket steel mm 400 Brinell
Snow Bucket Light-material bucket	1,500	856	762	0.70 m <sup>3</sup>	162	4	4	20
Snow Bucket Light-material bucket	2,000	856	762	1.00 m <sup>3</sup>	208	4	4	20
Snow Bucket Light-material bucket	2,300	856	762	1.20 m <sup>3</sup>	236	4	4	20