YOU NEED AN ATTACHMENT FOR YOUR MACHINE?!

CONTACT US, WE CAN MAKE IT!

MACHINERY ATTACHMENTS PRODUCTION

www.balavto.com
Main activity of Balavto Ltd. Ajdovščina is construction equipment trading, construction equipment for diverse needs of industry and transportation vehicles for transporting minerals and grained aggregates.

Balavto Ltd. is authorized dealer for Volvo Construction Equipment (VCE) in Slovenia. Beside new equipment, we also supply used machinery and spare parts. A vast choice of Used Machines for different needs in Industry, Construction, Tunneling Machines, Agricultural Machines, Working attachments (more than 200 machines).

**ATTACHMENTS PRODUCTION**

In our specialized work we produce different kinds of attachments for Construction (Heavy) Machinery:

- All kinds of buckets
- Different kinds of Grabs
- Demolition Shears
- Forks, Blades, Rippers, Cutters
- Quick Fits
- Connecting Plates
- Pins and Bussing
- Arm Extensions
- Dumper Bodies
- Other Special Attachments - Custom made

Our team of experts carefully plan every stage of construction production: from the very beginning and designing, to the final production and mounting the attachment to the machine.

In our Production department we’re constantly trying to fulfill all customers requests, to find individual solutions and increase working efficiency.

If you need any kind of attachment for your machine, do not hesitate to contact us and together we’ll find adequate solution, which will help you in doing your job and increase your working efficiency.
EXCAVATOR BUCKETS

We produce all kinds and dimensions of buckets for excavators:

• standard digging buckets,
• narrow digging buckets,
• ditch cleaning and swiveling buckets,
• special, custom made buckets (buckets for stone, buckets with grab, buckets with clamp...)

All buckets are made from high quality materials: Hardox steel.

Bucket capacities and dimensions are different and made according to machine on which is to be used. Attaching element on bucket is also custom-made in accordance with excavators attaching system.

Bucket can be made in standard version, or in reinforced - Heavy Duty version.

Heavy Duty buckets are specially made for working in difficult conditions (on rocky fields etc.)

Please call us and we will discuss about optimal bucket for you.

DIGGING BUCKETS

After previous talk, where we get all necessary information (excavator type, bucket volume, etc.) and agreement with a customer, we start with designing and manufacturing suitable digging bucket.

We can make any kind of digging bucket, regardless of excavator type and bucket dimensions. Connecting element on a bucket is also custom-made, in accordance with the excavators attaching system.

For ordering the bucket, please contact us directly on an e-mail or telephone stated below, and provide next data:

- Excavator type (make and model)
- Attaching system on Excavator
- Bucket volume
- Kind of work which is to be done with the bucket

Tel: + 386 (05) 365 99 00   email: info@balavto.si

Connecting element on a bucket is custom-made, in accordance with the excavators attaching system.

Buckets production for all kinds of excavators. Buckets can be in standard or Heavy Duty version.
Some examples of digging buckets made on Balavto Ltd.

- **Standard digging bucket for excavators 20 - 23 tons**

- **Digging bucket for excavators 20 - 23 tons. Width 1200 mm**

- **Reinforced digging bucket for excavators 20 - 23 tons. Width 1300 mm**

- **Digging bucket for Caterpillar excavators**

- **Digging buckets for all kinds of mini excavators**

- **Excavator buckets made on Balavtu ltd. and ready for transportation to the customer.**

**HEAVY DUTY BUCKETS**

Excavators buckets can be made in standard version or in reinforced - Heavy Duty version.

**Heavy Duty** buckets are specially made for working in a difficult conditions (on rocky fields etc.).

**Reinforced (Heavy Duty) digging bucket for excavators made on Balavto Ltd.**
DITCH CLEANING and SWIVELING BUCKETS

Ditch cleaning buckets

Production of different capacities and dimensions of ditch cleaning buckets for all kinds of excavators. Attaching element on bucket we make in accordance with attaching system on excavator.

Efficiency of ditch cleaning bucket can be increased with adding Tiltrotator. Tiltrotator is special attachment, which represents some kind of wrist - extremely efficient connection between the excavator arm and attachment. Tiltrotator enables unlimited rotation of the attachment - bucket (360°) and its tilting in left/right for 40°.

Some examples of Ditch cleaning buckets made on Balavto Ltd. Ajdovščina

Swiveling buckets

Production of different capacities and dimensions of swiveling buckets for all kinds of excavators. As for all other buckets produced on Balavto Ltd. attaching element on bucket is custom-made, in accordance with attaching system on your excavator.

Mechanism integrated in swiveling bucket, enables its tilting to right/left.

Some examples of Swiveling buckets made on Balavto Ltd. Ajdovščina

Swiveling bucket for Backhoe Loader. Width 1500 mm
NARROW DIGGING BUCKETS

Narrow buckets of different dimensions and capacities, suitable for narrow ditch digging.

We produce this buckets for all kinds of excavators - custom made. Attaching element on bucket is also custom-made in accordance with excavators attaching system.

For ordering the narrow bucket, please contact us directly on an e-mail or telephone stated below, and provide next data:

- Loader type (make and model)
- Attaching system on Loader
- Bucket volume

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info@balavto.si

TILT-DIGGING BUCKETS

Tilt - digging bucket is intended for digging with the possibility of tilting in two sides (left and right). This is a big advantage during the digging works, because it enables you to do dig, not only with straight positioned bucket, but also with bucket at 40 degrees tilt. The bucket is also wider than classical digging bucket, which enables you leveling works.

Tilt-digging bucket can be produced in a standard or Heavy Duty version. Heavy Duty Tilt-digging bucket are specially made for working in a harder conditions.

We can make different tilt-digging buckets of different dimensions for all kinds of excavators. Connection on the bucket is also custom-made in accordance with your machine or quick-fit you’re using.
These buckets are made for stone placing. They are often used during tunneling works.

Stone buckets made Caterpillar excavator - Balavto Ltd. production

Special buckets with Grab, are often used during electrical column placing, in forestry etc.

All buckets are custom made, your requirements, kind of work and type of the excavator are all taken into consideration.

Bucket with grab made specially for Backhoe Loader - Balavto Ltd. production

Special buckets with clamp, attached to the excavators arm, are often used for stone placing.

Connection on the bucket is made in accordance with the excavator on which is to be used.

Bucket with clamp, attached to the excavators arm, specially made for Compact excavator Volvo ECR58 - Balavto Ltd. production.
BUCKETS FOR LOADERS

In Balavto Ltd. we produce different loader bucket in compliance with your needs. Bucket can be with or without teeth (cutting edge), with connection element on a bucket made in compliance with the loader (connecting system) on which is to be used.

All buckets are made from high quality materials: **Hardox steel**

STANDARD LOADING BUCKETS

Production of loading buckets for any kind of Loader. Bucket is made in accordance with Loader on which is to be used and regarding the work to be done. Connection element on a bucket made in compliance with the connecting system on loader.

For ordering the bucket, please contact us directly on an e-mail or telephone stated below, and provide next data:

- Loader type (make and model)
- Attaching system on Loader
- Bucket volume
- Kind of work which is to be done with the bucket

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HEAVY DUTY LOADING BUCKETS

We also produce buckets for loaders in **reinforced version** - **Heavy Duty buckets**.

They are specially made for working in hard conditions: **Rock buckets**.
Hi-Tip Light Material Bucket has high capacity for handling low density materials (0.6 ton/m³ or less), such as snow, wood, chips etc.

High tip bucket features considerably increased dump height over standard light material buckets because it is hydraulically lifted from a built-in frame.

\[ H = \text{from 4m to max. 7m} \]

Depends on Loader type and the bucket

High-tip bucket made for Volvo Loader - Balavto Ltd. production

Light Material Bucket has high capacity for handling low density materials (0.6 ton/m³ or less), such as snow, wood, chips etc.

Attaching element on a bucket is custom - made in accordance with the attaching system on a Loader.

Light material bucket made on Balavto Ltd.
Bucket with wide bottom and clamp is appropriate for handling waste material because, due to the clamp, material does not fall and it is possible to handle up to 25% more material than with the bucket without a clamp. That’s why it is often used when loading and transporting bulky material like branches, refuse...

Clamp bucket made for Wheel Loader Volvo L90F.
Clamp bucket can be custom-made, for any kind of Loader.

MULTI PURPOSE BUCKETS (4 v 1)

Production of multi purpose buckets (4 in 1) for all kinds of loaders. Multi purpose bucket can be used for dozing, leveling, picking up objects and of course general purpose loading.

This kind of bucket has a wide spectrum of usage. That’s why it’s called 4 in 1 bucket.

It can be used in many different situations as a different tool:

1. as a standard loading bucket - it can be used as a normal loader bucket, for different material loading (closed) and can be unloaded with ease, by emptying from the opening at the bottom.

2. as a grab - this kind of bucket is great for lifting and carrying a variety of objects.

3. as a blade - bucket 4 in 1 can be used for light grading and pushing of loose material. It’s often used for for backfilling trenchers etc.

4. as a levelling bucket - with the jaws open and with the open edges near to the ground the 4 in 1 bucket can be dragged forward and backward for levelling.
Designed to work in different working conditions. Precise positioning of material reduce hand work and increase safety. They are often used for manipulation with construction materials on a heavy terrains at construction sites. They also reach great results on a garbage dumps during the works of sorting and recycling of waste material.

Reliable construction and technology, best materials, along with good and regular maintenance will insure long durability and excellent working performance. Our grabs are a result of our construction knowledge based on a great experience.

All grabs represented in this catalogue can be made in different sizes, according tho the customers needs and requests. Connection on the grab can also be made in accordance with the excavator on wich is to be used - custom-made.

Made from best materials

![HARDOX WEAR PLATE](image1)  ![WELDOX HIGH STRENGTH STEEL](image2)

Grabs in a production process on Balavto Ltd.

Material handling and demolition

**Grab Model BG16**

Hydraulic grab BG16 is intended to be used on excavators from 16 - 23 tons. It is often used for: classical grabbing - material handling (for stone, wood, iron..), for material sorting on garbage dumps and during demolition works, for stone placing (making scarps), etc.

Attaching system on grab is custom-made, regarding to attaching system on the excavator on which is to be used.

There are three possible versions of Hydraulic Grab BG16:

1. Grab BG16 without Rotator (intended to be used with Tiltrotator)
2. Grab BG16 with Rotator (360° rotation)
3. Grab BG16 with hanging Rotator

For excavators from 16 - 23 tons

Balavto attachments production

www.balavto.com
1. Grab BG16 without Rotator (intended to be used with Tiltrotator)

Hydraulic grab BG16 without rotator can be delivered in version with fixed attaching element. This version of grab is intended for attaching to tiltrotator and it is also possible to attach it directly to excavators attaching system.

**Grab model BG16**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max grab opening (A)</td>
<td>1970 mm</td>
</tr>
<tr>
<td>Width (B)</td>
<td>900 mm</td>
</tr>
<tr>
<td>Height without rotator (D)</td>
<td>815 mm</td>
</tr>
<tr>
<td>Max working pressure</td>
<td>2 Mpa</td>
</tr>
<tr>
<td>Weight*</td>
<td>960 kg</td>
</tr>
<tr>
<td>Excavator weight</td>
<td>15 - 23 t</td>
</tr>
</tbody>
</table>

*weight depends on an attaching plate type

Applicability of hydraulic grab without rotator can be optimized by adding TILTROTATOR which is like a “wrist” linked between excavator and grab. Tiltrotator provides unlimited rotation and tilting up to 40 degrees in two directions.

**Performance of grab with mounted tiltrotator:** 360° rotation, 40° tilting, different materials grabbing: stone, wood, iron, garbage etc...

Hydraulic grab BG16 with mounted tiltrotator during the stone laying - - making the scarps.
2. Grab BG16 with integrated ROTATOR

Rotor transmits major amount of axial and radial force and insures a great grab rotary performance.

It enables 360° rotation and increases grabs applicability.

Performance: 360° rotation and different material grabbing: stone, wood, iron, garbage, etc...

Grab model BG16 with rotator

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max grab opening (A)</td>
<td>1970 mm</td>
</tr>
<tr>
<td>Width (B)</td>
<td>900 mm</td>
</tr>
<tr>
<td>Height with rotator* (D)</td>
<td>1044 mm</td>
</tr>
<tr>
<td>Grab force</td>
<td>25 KN</td>
</tr>
<tr>
<td>Max oil flow</td>
<td>35 l/min</td>
</tr>
<tr>
<td>Weight</td>
<td>960 kg + rotator</td>
</tr>
<tr>
<td>Excavator weight</td>
<td>15 - 23 t</td>
</tr>
</tbody>
</table>

**Rotator**

- Rotation: Infinite
- Max axial force: 150 KN
- Max radial capacity: 110 KN
- Torque: 26 kNm
- Weight: 1044 kg

*weight depends on an attaching plate type

Grab BG16 with integrated rotator during demolition works

Grab BG16 on a garbage dump - sorting of waste material

It reaches great results on a garbage dumps for works of sorting and recycling of waste material
3. Grab BG16 with hanging rotator

Special, third version of grab BG16 - with hanging rotator. Hanging Grab is intended for use in situations where precise handling is not so important and represents great tool in working with waste material on garbage dumps, with waste iron, wood, etc.

Hanging rotator

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Max axial Load/static</td>
<td>+160/-90 KN</td>
</tr>
<tr>
<td>Max axial Load/dynamic</td>
<td>+80/-45 KN</td>
</tr>
<tr>
<td>Torque</td>
<td>3400 Nm</td>
</tr>
<tr>
<td>Oil flow</td>
<td>40 l/min</td>
</tr>
<tr>
<td>Rotator weight</td>
<td>74 kg</td>
</tr>
</tbody>
</table>

Hanging rotator on Grab BG16 enables unlimited rotation, increases grabs efficiency and is especially appropriate for logs handling.

SPECIAL VERSIONS OF GRAB BG16

For excavators 16 - 23 t

We make different versions of BG16 grab in accordance to kind of work or customers requirements.

All the time, we try to find individual solutions for every our customer, and to help them reaching the maximum efficiency in their work.

Grab with rough jaw

Special version of grab BG16

Rough jaws compress the load and do not allow it to slip.

Closed grab for sand and similar materials

Special version of grab BG16

Hydraulic grab BG16 in special version for sand, soil and similar materials.
Hydraulic grab BG13 is intended to be used on excavators from 12 - 16 tons.

It is used in a same way as Grab BG16, just on smaller excavators (12-16 tons): classical grabbing - material handling (stone, wood, iron, etc.), material sorting on garbage dumps or during demolition works, stone laying (making scarps), etc.

Same as Grab Model BG16, also BG13 can be made in 3 different versions:

1. Fixed grab BG13 (to be used with Tiltrotator)
2. BG13 with rotator
3. BG13 with mounted hanging rotator

**Grab model BG13**

- Max grab opening (A): 1573 mm
- Width (B): 700 mm
- Height without rotator (D): 770 mm - open, 885 mm - closed
- Grab force: 16 kN
- Max working pressure: 25 Mpa
- Weight (without rotator)*: 500 kg
- Excavator weight: 12 - 16 t

*weight depends on an attaching plate type
Grab BG8 is intended to be used on smaller excavators (5-8 tons) and can also be made/delivered in 3 different versions:

1. Fixed grab BG8 (intended to be used with tiltrotator)
2. BG8 with rotator
3. BG8 with mounted hanging rotator

Grabs BG8 made on Balavto Ltd. Ajdovscina

**Grab model BG8**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max grab opening (A)</td>
<td>1571 mm</td>
</tr>
<tr>
<td>Width (B)</td>
<td>500 mm</td>
</tr>
<tr>
<td>Height without rotator (D)</td>
<td>890 mm</td>
</tr>
<tr>
<td>Grab force</td>
<td>10,5 kN</td>
</tr>
<tr>
<td>Weight*</td>
<td>cca. 340 kg</td>
</tr>
<tr>
<td>Excavator weight</td>
<td>5 - 8 t</td>
</tr>
</tbody>
</table>

*weight depends on an attaching plate type

Attaching element (plate) on a grab is custom made regarding the excavators connecting system

Grab BG8 - stone laying (making scarps)
Polyp grab is mostly used for different materials grabbing - materials which shape and size can vary. Thanks to its specific shape, BGP grab is suitable for grabbing vast range of materials: from dust to solid pieces larger than 1m. This particular model BGP16 is made for loads up to 1000 kg and 1.5 m large. Smaller or bigger grabs can be made in accordance with customers requests.

**The advantages of model BGP16 are:**

- Grab BGP16 has 4 tines, and in contrast to other polyp grabs with more tines, that makes him more compact and closed during material grabbing.

- Inner sides of grab tines have special saws which grab the load more firmly and prevent from falling it out.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grabbing width – opened grab (A):</td>
<td>1500 mm</td>
</tr>
<tr>
<td>Width of grabbing part - opened grab (B)</td>
<td>413 mm</td>
</tr>
<tr>
<td>Width of grabbing part - closed grab (C)</td>
<td>582 mm</td>
</tr>
<tr>
<td>Height of grabbing part - closed grab (D)</td>
<td>570 mm</td>
</tr>
<tr>
<td>Max. working pressure – hydraulic</td>
<td>21 Mpa</td>
</tr>
<tr>
<td>Weight*</td>
<td>470 kg</td>
</tr>
<tr>
<td>Suitable carrier weight (excavators)</td>
<td>14 - 20 t</td>
</tr>
</tbody>
</table>

* Weight is approximate - depends on the attaching plate

www.balavto.com
Hanging Grab BGV 16 for wood-log

Model BGV16 shown here is specially made for log manoeuvring. It has integrated rotator which enables unlimited rotation. We produce different sizes and capacities of hanging grab for any kind of excavator.

Grab for cross-tie placing

This special grab with rotator built in is made for cross-tie placing.

Grab for hoses

Dimension of the grab depends on the works and the objects which are to be manoeuvred with, and of course on the excavator on which is to be used. Attaching element on grab is also custom-made.
Production of different kinds of Grapples for Wheel Loaders:

- General purpose grapples
- Loading and unloading grapples (for logs)
- Sorting grapples
- Tree-length grapples
- Grapples with rotator

Grapples are custom made regarding the kind of work which is to be done and the Loader on which is to be used.
DEMOLITION SHEARS
Model ‘Krpan’

Demolition Shears for crushing slag, concrete, stone etc. Shears and elements for the connection on the shears, depend on the type of machine and work and are made according to the needs of the customer or the type of work.

BLADES

Production of different blades for Loaders, Excavators, etc.
Connecting plates for all kinds of attachments and attaching systems

Different Connecting Plates production (CAT, Volvo, Werachtet, special plates, etc.). Connection plates for hydraulic breakers and other attachments, are made regarding the kind of attachment and machine on which is going to be used.

Special connecting plate for Hydraulic breaker on Backhoe Loader

Special attaching plates with grab - for hydraulic breakers

Our special Connecting Plate with build in Grab is excellent toll for hammering in the columns. Grab grasps the column firmly and the Hydraulic Breaker (Hammer) with its strong blow, hammers the column in to the soil.
Quick fits models B1, B2 and B3 manufactured and patented in our Company for changing tools on excavators solve the problem of tools’ breaking and increase the operating power of the bucket teeth.

Quick fits models B1 and B2 enable to use the same tools for the operation with the excavator (such as for example excavator buckets, couplings for hydraulic hammers, different grabs, etc.) on a wider range of machines, which means that the machines with 14 to 24 tons of nominative value can have the same tools, what was impossible till now due to different types of quick fits.

Advantages of Quick fits made on Balavto

- Increase the operating power of the bucket teeth namely increase the operating machine thrift.
- Prolongation of the operating life of the quick fit, of other flexible parts of the machine and of the machine itself.
- Increase the coupling strength between male and female parts of the quick fit
- The possibility to rotate the tool for 180° (just with the quick fit B1)
- Simplicity of manufacturing adapter plates for hydraulic hammers, shears...
- Operation reliability

Production of other quick fits

Beside our models of quick fits, we also produce other Quick fits for connecting attachments to different excavators. All quick fits are custom made, regarding the base machine (excavator) and the attachment. Please contact us for more information.

Connecting bucket to the machine with B1 Quick fit

Connecting bucket to the machine with B1 Quick fit

Quick fit B1 allows connecting the attachment (bucket) inverted for 180 degrees.

Quick fit B1

Quick fit B1 attached to the bucket

Quick fits with Power-Tilt

Power tilt is a special tool (between quick fit on the excavator and attachment plate on the attachment) which enables bucket tilting up to 180°. With power tilt mounted you can position the bucket (or other attachment) in any position you want, regardless of excavator position.

This increases attachments efficiency and enables you to do more work with one attachment.
Special B-quick couplers, manufactured in our Company Balavto Ltd., enable easy and fast coupling of the hydraulic attachments (breakers, grapples, etc...) to the base machine.

**Primary benefits of B-QUICK couplers**

**Quick and easy connection**

B-Quick allows quick and easy connection and disconnection of hydraulic attachments: hydraulic breakers, shears, grabs, tiltrotators etc. Connecting/disconnecting process takes about 3 minutes.

**100% and constant oil flow**

The oil flow through the B-Quick coupler is 100% which enables constant oil flow without unnecessary hindrances and hydraulic oil warming.

**Personnel safety assured**

Because of their reliability, B-Quick couplers ensure high security and your personnel safety.

**High impact resistance**

Due to the high impact and vibration resistance, B-Quick couplers are preventing the attachment damage, which often occurs after breaking the standard quick couplers, where particles get into the attachments and the machine.

**Effective protection against dust**

Our protection plugs for B-Quick Coupler and Hydraulic Hose assure effective protection against dust and weather.

**Environmentally friendly product**

During the connection/disconnection of the attachment hoses, there is no oil spilling and there is no oil leakage during the further work with the attachment either! That's why B-Quick Coupler represent environmentally friendly product.

Protection plugs for the hydraulic hoses have special container for the oil from the hose.

When you’re closing the hose with our plug, there is no oil spilling because all oil goes to this container.

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**The set consists of:**

1.2 - 2x complete valves
   (2x male part, 2x female part)
3 - 2x key
4 - 2x plug for the valve connected with wire rope
5 - 2x cap for hydraulic device tubes
   (hydraulic breakers, leveling buckets...)

A - Ball Valve  B - B-Quick Valve
Pallet forks for Loaders - manual forks movement

Production of pallet forks with mechanical (manual) movement of forks - for all kinds of Loaders. Dimension and technical characteristics of forks depend on Loader, kind of work which is to be done and customer’s requirements - all forks can be custom made. Attaching element on forks is also custom-made in accordance with the attaching system on Loader.

Hydraulic forks for Loaders - hydraulic forks movement

Production of hydraulic forks (hydraulic moving of forks to the left or right/together - separately). Dimension and technical characteristics of forks depend on Loader, kind of work which is to be done and customer’s requirements - all forks can be custom made. Attaching element on forks is also custom-made in accordance with the attaching system on Loader.

Forks with clamp

Clamp on forks take and keep the load firmly on forks and prevent its falling. Bucket can have single or double clamps and can be made for any kind and size of Loader with custom-made attaching element.

Loader forks with single clamp

Loader forks with double clamps
Big Bag Forks

Specialy designed forks for bags transportation. Enable easy and fast bags manouvring. Forks can be custom made with lenght and other characteristics on request (for all kinds of Loaders). Attaching element on forks is also custom-made in accordance with attaching system on loader.

Forks for stone blocks

Special forks for stone blocks loading. Made for heavy loads, fixed forks (no forks movement) are excellent tool for works in a quarry. Stone block forks, can have different loading capacity, regarding on Loader size. Forks shown here have 48 t and 60 tons capacity.

Forks for stone blocks for Loader Michigan L270 - forks capacity 60 tons

Forks for stone blocks for Loader Volvo L220 - forks capacity 48 tons
Arm extension (Long Reach Arm) in an effective tool to overcome some physical obstacles and reach positions that are much above or below the excavator level. Dimensions of Long Reach arm are different depending on the excavator on which they are going to be used.

Volvo EC240 with Standard 2,5m arm - digging reach 9,8 m

Volvo EC240 with arm extension (Long reach Arm) - digging reach 15 m
Production of Loader arm extensions for all kinds of Loaders.

On this extension different kinds of attachments can be attached: buckets, forks...
Loader arm extension enables reaching the higher loading positions and overcoming some physical obstacles.

Underwater digging - Arm extension enables digging in positions that are much below excavator level - for example digging in the water (sea, river ...)

Underwater concreting - Arm extension enables concreting in a higher water depths (longer distance). It guides the funnel to required depth and enables underwater concreting.

Working (digging) with Long Reach Arm enables reaching the larger digging distances, overcoming some physical obstacles and reach positions that are much above or below the excavator level, which increases working efficiency.

Loader arm extension

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**Rippers**

Production of different kinds and sizes of rippers for excavator. Rippers are custom-made with attaching element in accordance with the attaching system on excavator.

Some examples of rippers made on Balavto Ltd.

- Standard ripper for asphalt, soil, stone...
- Special ripper for coil.
- Special ripper for tunneling machines.

**Asphalt Cutters**

Production of different asphalt cutters for Excavators. Asphalt cutters can be made for all kinds of excavators, with attaching element in accordance with attaching system on the excavator - custom-made.

Some examples of asphalt cutters made on Balavto Ltd.
PINS and BUSHING

- Pins and bushing production
  We can make all kinds and dimensions of pins and bushings for machinery - custom made.

- Pins and bushing replacement
  Changing (mounting) the old and wore pins and bushing with a new ones

- Repairing the old and damaged pins and bushing
  We repair damaged pins and bushing (in our workshop or on the terrain) and make the original holes

HYDRAULIC BREAKER CARRIER ON A BLADE

In our Production department we’re constantly trying to fulfil all customers requests, to find individual solutions and increase working efficiency.
This Hydraulic Breaker Carrier positioned on a blade, represents an excellent help during a hydraulic breaker transportation from one site to another.
In Balavto company we design and produce dumper bodies for light materials. Dimensions and volume of bodies are different and in compliance with a dumper size (type).

 Those bodies are appropriate for light materials such as:
- coul,
- ashes,
- wood chips, etc.

Firmly closed (sealed) dumers body

The body can be firmly closed (sealed) so it is also appropriate for liquefied materials transportation.
Production of Chassies and Bodies for Transportation vehicles.
We can make bodies and chassies for all kinds of trucks - please contact us for more information.

Protecting glass on excavators cab is specially appropriate during the works, where there is potential danger of falling objects, which can break glass on the cab. This special, thick glass protects the operator and prevents from excavator damage.

SPECIAL PROTECTING GLASS

Protecting glass on excavators cab is specially appropriate during the works, where there is potential danger of falling objects, which can break glass on the cab. This special, thick glass protects the operator and prevents from excavator damage.

Volvo EC210C excavator with standard glass on the cab

Volvo EC210C excavator with special protecting glass on the cab - made by Balavto Ltd.
We offer different kinds of services: welding processes, attachments and equipment repairing (buckets, grabs, pins, bushing, etc.), plasma cutting, mounting the attachments and components to the machine, etc.

**Welding**

**Plasma cutting**

We offer you process of plasma cutting for cutting the steel and other materials of different thicknesses.
Excavator Attachments Production

Custom made attachments

- All kinds of buckets
- Different kinds of grabs
- Special buckets
- Demolition shears
- Attaching plates
- Quick fits
- Pins and Bushing
- Arms extensions
- Special protecting glass on a cab
- Blades
- Asphalt cutters
- Rippers
- Pins and Bushing
- Arms extensions
- Special protecting glass on a cab
- Balavto

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Loader Attachments Production
Custom made attachments

- Arms extensions for Loaders
- Blades
- Buckets for light materials
- High tip buckets
- 4 in 1 buckets
- Buckets with clamp
- Standard loading buckets
- BIG-BAG forks
- Forks for stone blocks
- Pallet forks
- Grapples

Loader Attachments Production
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Balavto attachments production