

BALAVTO



All you need for your construction machinery at one place

2016.



- **Volvo construction machinery** • **Lannen backhoe loaders** • **Perlini dumpers** •
- **McCloskey screeners and crushers** • **Used machinery** • **Attachments production** •
- **Machinery renovation** • **New and used spare parts** • **Service and maintenance** •
- Machinery rental** • **Transportation** • • •



www.balavto.com



www.balavto.com



Volvo Construction Equipment (page 6-15)



Perlini dumpers (page 16)



Lannen backhoe loaders (page 17-18)



McCloskey screeners and crushers (page 19-20)



Bruce screeners (page 21)



Trucks and different superstructures (page 22-23)



All kinds of attachments (page 25, 33, 44, 48, 49)



Attachments production (str. 24)



Hydraulic breakers D&A (page 44-47)



Used machinery; Machinery renovation (page. 4-5)



Used, renewed and new spare parts (page 5 and 54)



Rubber tracks/Undercarriage (page 54 and 55)



Tyres/Protecting chains (page 55 - 56)



Aluminium loading ramps (page 56)



Service and rental (page 57)



Transportation (page 58)

Contact persons



Jožef Bajec
Company owner
e-mail: joze@balavto.si
tel: + 386 5 365 99 00
cell ph: +386 41 627 399



Branko Kobal
MANAGER
New machinery and attachments
e-mail: branko@balavto.si
tel: + 386 5 365 99 00
cell ph.: +386 41 726 113



Marko Bajec
Screeners and crushers, cranes,
tunneling machinery
e-mail: marko@balavto.si
tel: + 386 5 365 99 00
cell ph.: +386 31 627 399



Martin Jerončič
New and used machinery and
attachments
e-mail: martin@balavto.si
Phone: + 386 5 365 99 00
cell ph.: +386 51 346 110



David Puc
Trucks, rubber tracks,
aluminium loading ramps
e-mail: david@balavto.si
tel: + 386 5 365 99 00
cell ph.: +386 41 265 752



Ervin Rustja
Service
e-mail: ervin@balavto.si
tel: + 386 5 365 99 00
cell ph.: +386 51 632 463



Tadej Čoha
New, renewed and used
spare parts
e-mail: tadej.coha@balavto.si
tel: + 386 5 365 99 00
cell ph.: +386 51 606 032



Magda Rupnik
Spare parts
e-mail: magda@balavto.si
tel: + 386 5 365 99 00
cell ph.: +386 31 627 398

Niko Bajec, Transportation
e-mail: niko@balavto.si
Tel: + 386 5 365 99 00 cell ph.: +386 31 381 694

Content

Used machinery, equipment and parts	3
Renovation of machinery and parts	4
Used and renewed spare parts	5
Volvo construction machinery	6
Volvo wheel excavators	7
Volvo crawler excavators	8
Volvo compact excavators	9
Volvo wheel loaders	10
Volvo compact loaders	11
Volvo skid steer loaders	12
Volvo articulated haulers	13
Volvo compactors	14
Volvo pavers	15
Perlini dumpers	16
Lannen backhoe loaders	17
McCloskey crushers	19
McCloskey screeners	20
Bruce screening, washing, recycling systems	21
Trucks and different superstructures	22
Balavto attachments production	24
Attachments for excavators	25
Attachments for loaders	33
Some attachments from Balavto production	37
Grabs for excavators	37
Arm extension for excavator	40
Quick fits	40
Rippers and asphalt cutters	40
B-Quick couplers for hydraulic hoses	41
Buckets and forks for loaders	42
Other products made on Balavto	43
Dumper bodies for light materials	43
Attaching plates production	43
Individual solutions	43
Hydraulic breakers D&A	44
Technical specification	45
Complete solution and support	46
Special equipment for hydraulic breakers	47
D&A shears, vibro plates	48
Tiltrotator	49
RDS weighting systems for loaders	50
Systems for digging controlling and weighting	51
Leveling laser systems for excavators	53
Automatic central greasing systems	53
Spare parts	54
Undercarriage	54
Rubber tracks for mini excavators	55
Tyres for construction machinery	55
Protective chains for tyres	56
Spark arrester	56
Aluminium loading ramps	56
Service	57
Rent	57
Transportation	58

USED MACHINERY, EQUIPMENT and PARTS



Track Excavators • Wheel Excavators • Wheel Loaders • Compact Excavators • Backhoe Loaders • Dumpers • Rollers • Motor Graders • Bulldozers • Asphalt Pavers • Screeners and Crushers • Attachments for Excavators and Loaders • Cranes • Drilling equipment • Tunneling machines • Concrete mixers and pumps • Trucks and trailers • Used spare parts • Other: aggregates, compressors...

- Large stock of machinery, attachments different equipment and spare parts.
- One of the leading companies in the wider region in area of construction machinery sale.
- Machinery renovation, removing all kinds of defects or damage and returning the machine in perfect working condition.
- Providing the machinery which we do not have in stock - on request.

Our used machinery stock constantly changes. If we do not have the machine you're looking for at the moment, we can find it for you and deliver it within the shortest possible timeframe.

Please check our stock of used machinery, equipment and spare parts (links below) and please contact us if you can not find the machine you're looking for in our stock at the moment.

www.balavto.com

Used machinery, attachments, equipment

www.usedspareparts.net

Used spare parts for construction machinery



RENOVATION OF MACHINERY AND ATTACHMENTS

General renovation of machinery

On Balavto Ltd. we perform a general renovation of used machinery. Renewed machine is not only in the technically perfect condition, but it also visually looks like a new machine.

Renovation process:

- Our professional staff inspect the machine, determine the real situation and define eventual malfunctions.
- After that, we start with renovation: removing of all technical malfunctions and other defects.
- We perform complete service.
- If it's needed, we polish and repaint the machine.
- According to customer's requests, we equip the machine with appropriate attachments.
- Renewed machine is 100% functional and ready for immediate work.



On Balavto Ltd. we perform a general renovation of used machinery.



Excavator Volvo before renovation on Balavto Ltd.



Excavator Volvo after renovation on Balavto Ltd.



Excavator Hitachi Zaxis before renovation on Balavto Ltd.



Excavator Hitachi Zaxis after renovation on Balavto Ltd.

Attachments renovation

Beside production of new attachments, we also perform renovation of used or damaged attachments (all kinds). Attaching element on renewed attachment is custom-made, in accordance with the attaching system on the machine on which is to be used.

Pictures on right: an example of renovated crushing bucket with custom made attaching element.



Machine adaptation regarding the customers requests

We also perform repainting the machines in accordance with the customer's needs (your company colors, etc.).

We can also equip your machine with any kind of attachment, suitable for performing your work.

Attachment can be custom made in our production.



Painting the machinery in accordance with the customer's requests

USED and RENEWED SPARE PARTS

Engines • Gearboxes • Axles • Hydraulic pumps • Hydraulic cylinders • Electrical systems • Reductors • Hydraulic valves • Brake systems • Computers • Rollers • Seats • Cardans • Links • Excavator arms • Cabs and external parts • • •

And many other used spare parts for all kinds of construction machinery: reductors, bearings, electrical cables, hydraulic hoses, sensors, internal cab parts, glasses, AC compressors, tanks, chassies ...

For all well known construction machinery manufacturers:



More than 12.000 used, renewed and new parts for machinery:

www.usedspareparts.net

On our web page: www.usedspareparts.net
you can find used spare parts for all kinds and makes of construction machines: excavators, loaders, articulated haulers - dampers, backhoe loaders, dozers, rollers, stone crushers...

If you can not find the part you're looking for in our base, please contact us and we will find required part for you!

Contact person:
Tadej Čoha, phone: + 386 5 365 99 14,
e-mail: tadej.coha@balavto.si

We dismantle used machinery for spare parts on almost daily bases!

Used, new and renewed parts available!



VOLVO CONSTRUCTION EQUIPMENT



Volvo heavy equipment - Superior products from the world's trusted partner

Around the globe Volvo Construction Equipment is the leading solution for buying dependable equipment that is backed by Volvo dealers with expert, local knowledge and the parts and service support you need.

Balavto Ltd. is an authorised dealer for Volvo construction equipment in Slovenia.

Working everyday in heavy and light construction, quarries, aggregates, infrastructure, utilities, pipelines, forestry, demolition, road construction, material handling, recycling and more means Volvo is your complete source – from new equipment to used equipment.

- Volvo Construction Equipment's extensive product range includes loading shovels, backhoes, diggers, mini diggers, dumpers, forestry harvesters, demolition equipment, high reach demolition equipment and pipelayer.
- Road building machines from graders and milling machines to compactors, pavers and asphalt screeds.
- Powered by fuel-efficient, environmentally compliant Volvo engines.
- Simplified service access for fast maintenance and more uptime.
- All-day comfort, safety and command from legendary Volvo Care Cabs.
- Equipment built with quality for long life and high residual value.



Volvo Wheel Excavators



Basic features of Volvo wheel excavators:

- Volvo fuel-efficient Stage IV engine and well-matched components deliver top power and low-emission environmental care.
- Volvo Care Cab provides all-around visibility, a spacious, roomy operator environment and reduced whole body vibration for prolonged productivity.
- Smart hydraulic system enables high controllability, responsiveness and smooth movements along with priority functions.
- Quick and easy serviceability delivers more up-time and greater safety through grouped filters and wide compartment doors.
- CareTrack telematics, included as standard equipment*, helps you save fuel, reduce costs and maximize profitability.

**for more info about CareTrack telematics, contact us directly.*



Environmentally friendly Stage IV engines

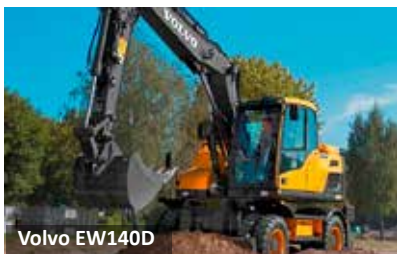
NEW E-series of Volvo wheel excavators is equipped with modern, economical and highly efficient Stage IV engines (Engines, which meet the requirement Stage IV (EU) to reduce emissions).



New Stage IV engines for Volvo construction machinery reduces fuel consumption by 5%.



Model	Neto power	Weight	Bucket capacity
EW140D	102 KW (139Hp)	14,1 - 15,9 t	0,52 - 0,73 m ³
EWR150E	105 KW (143 Hp)	15,1 - 17,9 t	-
EW160E	112 KW (154 Hp)	16,2 - 18,2 t	0,36 - 1 m ³
EW180E	129 KW (172 Hp)	17,8 - 20,8 t	0,62- 1 m ³
EW210D	126 KW (169 Hp)	20,4 - 22,8 t	0,9 - 1,1 m ³



Volvo EW140D



Volvo EWR150E



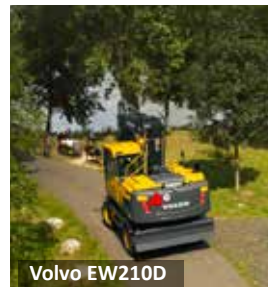
Volvo EW180E



Volvo EW160E



Model EW160E with regular and a lifting cab.



Volvo EW210D



EW210D with a lifting cab

Model EW210D with regular and a lifting cab.

Volvo Crawler Excavators



ECO mode



Volvo unique ECO mode optimizes the performance of the hydraulic system, reduces the loss of flow and pressure, thereby increasing the efficient use of fuel. ECO mode is automatically turned on, You can turn off the keyboard in the cabin.



Environmentally friendly Stage IV engines

NEW E-series of Volvo crawler excavators is equipped with technologically advanced, environmentally friendly, economical and efficient Stage IV engines.



Model	Neto power	Weight	Bucket capacity
EC140E	84 KW (114 Hp)	13 - 16,3 t	0,21 - 0,73 m ³
ECR145E	84 KW (114 Hp)	14,8 - 15,9 t	-
EC160E	100 KW (135 Hp)	17,5 t	0,7 - 1,23 m ³
EC180E	104 KW (141 Hp)	19 t	0,58 - 1,23 m ³
EC220E	128 KW (174 Hp)	20,6 - 25,8 t	0,48 - 1,44 m ³
ECR235E	128 KW (174 Hp)	24 - 25,3 t	0,8 - 1,4 m ³
EC250E	162 KW (218 Hp)	25,6 t	0,56 - 2 m ³
EC300E	182 KW (245 Hp)	33,9 t	do 2,06 m ³
EC380E	225 KW (306 Hp)	36 - 43 t	0,8 - 2,53 m ³
EC480E	277 KW (371 Hp)	45,6 - 53,9 t	1,55 - 3,3 m ³



Volvo EC140E



Volvo EC180E



Volvo EC220E



Volvo ECR235E



Volvo ECR145E



Volvo EC480E



Volvo EC250E



Volvo EC160E



Volvo EC300E



Volvo EC380E

Volvo Compact Excavators



- **Effective**
- **Safe**
- **Economical**
- **Reliable**
- **Environment friendly**



Model	Bruto power	Weight	Digging depth
EC15D/EC18D/EC20D	12 KW (16,3 Hp)	1640 kg /1760 kg /1950 kg	2,09 - 2,55 m
EC27C	20,4 KW (27,3 Hp)	2660 - 2790 kg	2,80 - 3,10 m
EC35C	27,1 KW (36,3 Hp)	3435 - 3565 kg	3,43 - 3,71 m
EC55C	36,2 KW (48,5 Hp)	5700 kg	3,75 - 4,05 m
ECR25D	15,6 KW (20,9 Hp)	2400 - 2490 kg	2461 - 2761 m
ECR38	20,3 KW (27,6 Hp)	3343 - 3437 kg	3,06 - 3,31 m
ECR50D	31,2 KW (41,8 Hp)	5000 - 5200 kg	3.40 - 3.80 m
ECR58D	36,5 KW (50 Hp)	6000 kg	3,54 - 4,53 m
ECR88D	43 KW (58 Hp)	9000 kg	3,54 - 4,53 m
EW60E	47,3 KW (63,4 Hp)	5150 - 5850 kg	3292 m



Volvo EC20D



Volvo ECR25D



Volvo EC27C



Volvo ECR50D



Volvo ECR58D



Volvo ECR88D

Volvo Wheel Loaders



- **Reliable, economical, and productive Stage IV engine**
- **Electro-hydraulic transmission**
- **100% differential lock**
- **Care Track telematics**
- **Volvo Care Cab**
- **95% recyclable machine**



Environmentally friendly Stage IV engines

NEW H-series of Volvo wheel loaders is equipped with technologically advanced and environmentally friendly Stage IV engines, which enables excellent efficiency and at the same time reduces fuel consumption by 5%.



Model	Neto power	Weight	Bucket capacity
L60H	123 KW (167 Hp)	12,5 - 12,5 t	1,9 - 5 m ³
L70H	127 KW (173 Hp)	13,7 - 14,5 t	2,1 - 6,44 m ³
L90H	137 KW (186 Hp)	15,2 - 16,0 t	2,3 - 7,0 m ³
L110H	190 KW (258 Hp)	18,0 - 19,3 t	2,7 - 9,5 m ³
L120H	203 KW (276 Hp)	19,3 - 20,1 t	3,8 - 9,5 m ³
L150H	220 KW (300 Hp)	25,0 - 26,0 t	4,0 - 6,8 m ³
L180H	245 KW (333 Hp)	28,0 t	4,8 - 7,8 m ³
L180H - high lift	246 KW (334 Hp)	cca. 34 t	-
L220H	273 KW (371 Hp)	32,0 t	5,6 - 8,2 m ³
L250H	290 KW (394 Hp)	34,5 - 34,8 t	6,1 - 10,2 m ³
L350F	397 KW (540 Hp)	50 - 56 t	6,2 - 12,7 m ³



Volvo L60H - L90H



Volvo L110H



Volvo L150H



Volvo L180H



Volvo L220H



Volvo L250H

Volvo Compact Loaders



Model	Bruto power	Weight	Bucket capacity
L20F	41 KW (55 Hp)	4300 kg	0,7 - 1,1 m ³
L25F	43 KW (58 Hp)	4800 kg	0,8 - 1,1 m ³
L30G	55,4 KW (74,8 Hp)	5500 kg	0,9 - 1,5 m ³
L35G	55,4 KW (74,8 Hp)	6250 kg	0,9 - 1,5 m ³
L45H	75 KW (102 Hp)	8670 kg	1,4 - 1,6 m ³
L50H	87 KW (118 Hp)	9500 kg	1,4 - 1,6 m ³

Volvo Compact Wheel Loaders combine hi-tech and proven technical components in a way that fully complies with the requirements of modern construction practice and which satisfies the strictest quality demands. Their distinctive silhouette with rounded contours may be considered as a trendsetting feature of 21st century construction machinery design.



Volvo L20F



Volvo L25F



Volvo L30G



Volvo L35G



Volvo L45H



Volvo L50H

Volvo Skid Steer Loaders



Models MC60C, MC70C, MC95C, MC115C - on wheels

Volvo skid steer loaders are one of the most versatile machines on the jobsite. Whatever your challenge is, Volvo offers you a full line of Radial lift skid steer loader or Vertical lift skid steer loader machines. At the front of it all is the wide range of productive Volvo attachments for hauling earth, cutting trenches, digging postholes, palletizing material or breaking concrete.

Skid steer key features include:

- Easier and safer cab access through the side entry door thanks to the angle loader arm design.
- Unmatched visibility on all sides thanks to the sturdy single loader arm design.
- Spacious ROPS/FOPS cab designed with operator's comfort and ease-of-use in mind.
- Clean, efficient and powerful Volvo supported engines.
- Large rear door and forward tilting cab provide simple access to all service and key maintenance items:

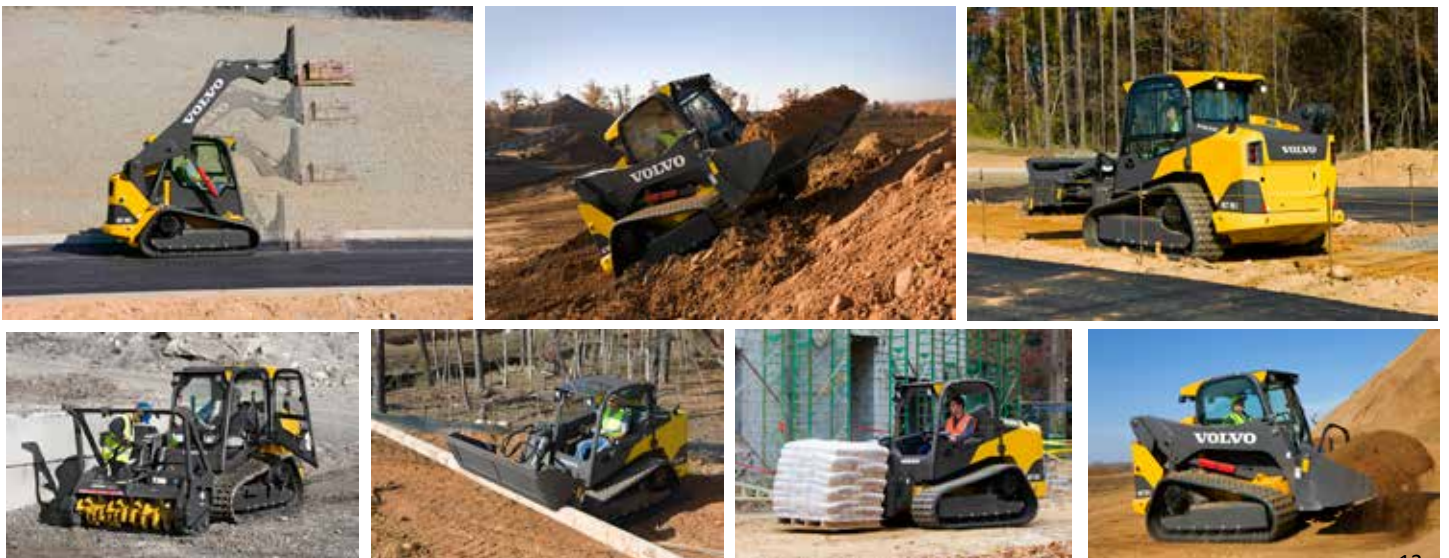


Model	Engine power	Weight	Bucket width
MC60C, MC70C	47,9 - 59,9 Hp	2,752 - 2,844 kg	1,520 - 1,680 mm
MC95C, MC115C	59,9 - 74 Hp	3,127 - 3,615 kg	1,730 - 1,850 mm



Models MCT85C, MCT125C, MCT145C - on tracks

Model	Engine power	Weight	Bucket width
MCT85C	59,9 Hp	3,717 kg	1,730 mm
MCT125C	74 Hp	4,628 kg	1,980 mm
MCT145C	92 Hp	4,931 kg	2,130 mm



Volvo Articulated Haulers



50 years ago, Volvo Construction Equipment developed the dumpers concept. And around the globe, we're still the undisputed leader of dumper truck hauling in the most demanding conditions, terrain and applications. From quarrying, mining and tunneling to earthmoving, material handling and waste handling, Volvo dumper trucks get your hauler truck jobs done, every day.

Top features for the range of Volvo dumpers include: -

- Volvo Stage VI engines.
- All-Volvo drive train developed in harmony, from engine and transmission to drop box and axles.
- Self-compensating, hydro-mechanical steering, for safety and longer life.
- Volvo care Cab with centrally-positioned operator station, for high visibility and more space, comfort and safety
- 95% recyclable machine, helping to preserve our environment
- CareTrack telematics as standard equipment, helps you save fuel, reduce costs and maximise profitability.
- Fire Suppression System developed especially for Volvo Articulated Haulers.



Environmentally friendly Stage IV engines

G-series of Volvo dumpers is equipped with technologically advanced and environmentally friendly Stage IV engines.



Volvo A25G

Gross power: 235 KW
Capacity: 15 m³ / 24000 kg



Volvo A30G

Gross power: 265 KW
Capacity: 17,5 m³ / 28000 kg



Volvo A35G

Gross power: 329 KW
Capacity: 20,5 m³ / 33500 kg



Volvo A40G

Gross power: 350 KW
Capacity: 24 m³ / 39000 kg



Volvo A35G FS (full suspension)

Gross power: 329 KW Capacity: 20,5 m³ / 33500 kg



Volvo A40G FS (full suspension)

Gross power: 350 KW Capacity: 20,5 m³ / 33500 kg

Volvo Soil Compactors



Volvo soil compactors are versatile machines ready to efficiently and effectively compact varying soils and aggregates in applications such as highways, utilities, water retention structures and in large residential, commercial and industrial site preparation.



Environmentally friendly Stage IV engines

New B-series of Volvo compactors is equipped with modern, environmentally friendly Stage IV engines, which meet the requirement Stage IV (EU) to reduce emissions.



Model	Drum width	Weight
SD25	1220 mm	2664 kg
SD75B	1676 mm	7091 kg
SD115B	2134 mm	11743 kg
SD135B	2134 mm	12828 kg



Volvo SD25



Volvo SD75B



Volvo SD115



Volvo SD135B

Volvo Asphalt Compactors



Model	Drum width	Weight	Vibration frequency
CR24	1200 mm	2604 kg	4000 vibr/min
DD15	1000 mm	1619 kg	4000 vibr/min
DD25B	1200 mm	2620 kg	-
DD31 HF	1250 mm	3120 kg	4200 vibr/min
DD38 HF	1375 mm	3809 kg	4200 vibr/min
DD105	1680mm	10500 kg	-

Volvo Small Asphalt compactors are ideal for effectively compacting asphalt, granular soils and crushed aggregate. High frequency vibratory compactors with stellar performance and unsurpassed value to give you better speed and higher productivity.

Volvo's large Asphalt compactors have superior drum widths, high frequency to help with faster rolling speeds and provide high performance for highway and other large paving projects.



CR24



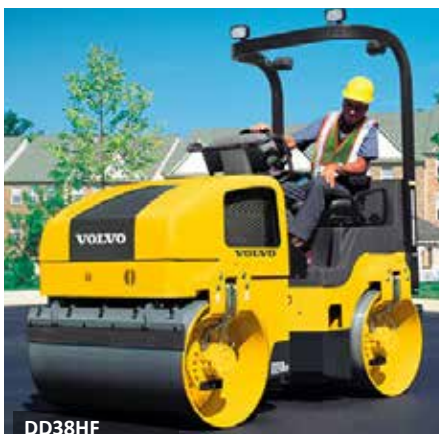
DD15



DD25B



DD31



DD38HF



DD105

Volvo Pavers on tracks



Model	Power	Weight	Max. paving width	Paving thickness	Paving speed
ABG 2820	63 KW	7,88 t	4 m	250 mm	29 m/min
ABG 5820	112 KW	15-19 t	8 m	300 mm	20 m/min
ABG 9820	273 KW	21,8 t	9-16 m	500 mm	60 m/min
P6820C ABG	140 KW	15,1 t	10 m	300 mm	20 m/min
P7820C ABG	175 KW	15,6 t	11 m	300 mm	20 m/min
P8820C ABG	200 KW	17,7 t	13 m	300 mm	20 m/min

Powerful paving machines for rigorous job-sites, Volvo's ABG tracked pavers meet all your paving needs. With ample reserve power, robust and sturdy design, Volvo ABG Tracked pavers are ideal for medium and large scale projects.



ABG 2820



ABG 5820



ABG 9820



P6820C



P7820C



P8820C

Volvo Pavers on wheels



Volvo now offers you the most advanced wheeled paver on the market. The Volvo ABG wheeled paver has superior productivity, excellent paving quality and reliability that makes the ABG wheeled paver an essential piece of equipment for your Road Development fleet.

Model	Power	Weight	Paving width	Paving thickness	Paving speed
P5770C ABG	129 KW	13,9 t	7,5 m	300 mm	500 t/h
P5870C ABG	129 KW	14,5 t	8 m	300 mm	600 t/h
P6870C ABG	129 KW	14,5 t	9 m	300 mm	700 t/h



P5770C ABG



P5870C ABG



P6870C ABG

PERLINI DUMPERS



Balavto Ltd. is an Authorized Dealer for Perlini Rigid Dumpers in Slovenia.

Started in 1957, Perlini Equipment is one of world's most important producers of dump-trucks. Perlini trucks, designed and built for efficiency and ease of maintenance, are at work all over the world and are appreciated by big enterprises and small subcontractors alike for their excellent productivity and the quality of their original components.

Different models of Perlini Rigid Dumpers with a capacities from 30 - 95 tons, for more decades demonstrate their efficiency on a differen sites worldwide. You can find them in quarries, in tunnels, in all earthworks, mines, cement plants and metallurgical plants, etc.



Model DP 255
 Weight (empty): 17,8 t Capacity: 30 t
 Power SAE J1995: 298 kW (400 HP) at 2100 rpm



Model DP 405 WD
 Weight (empty): 29,8 t Capacity: 40 t
 Power SAE J1995: 410 kW (550 HP) at 2100 rpm



Model DP 605
 Weight (empty): 38,9 t Capacity: 53 t
 Power SAE J1995: 567 kW (760 HP) at 2100 rpm



Model DP 705 WD
 Weight (empty): 43,5 t Capacity: 65 t
 Power SAE J1995: 567 kW (760 HP) at 2100 rpm



Model DP 905 WD
 Weight (empty): 64 t Capaity: 95 t
 Power SAE J1995: 783 kW (1050 HP) at 2100 rpm



Model DPT 70
 (combination between rigid and articulated dumper)
 Weight (empty): 45 t Capacity: 70 t
 Power SAE J1995: 410 kW (550 HP) at 2100 rpm

LÄNNEN BACKHOE LOADERS



Lännen

Agility, versatility, productivity, environmentally friendly ...

Balavto Ltd. is an authorised dealer for Lännen backhoe loaders in Slovenia and Bosnia and Herzegovina. Lännen machines are multifunctional. They dig, load, lift and transport. Lännen machines' excellent mobility and multifunctionality improve the productivity and helps protect the environment. The Lännen multifunction backhoe loader is fast, and can move autonomously from one work site to the next without requiring transport on a trailer.

Model: Lännen 8600i

Weight: 11500 kg
Engine: 107 kW at 1900 rev/min

Model: Lännen 8600ie
with electronic steering

Weight: 11500 kg
Engine: 107 kW at 1900 rev/min

Model: Lännen 8800i

Weight: 12800 kg
Engine: 118 kW at 2000 rev/min



Versatility and productivity

Lännen

Examples of Lännen backhoe loaders equipped with different attachments

Lännen Wheel Loader Backhoes can be customised and equipped in many different ways.

The machines can be used, for example, for digging and loading operations, blowing away and ploughing snow, removing packed snow, gritting, chopping brushwood, laying cables, trenching or powering a rotary brush attached either to the loader or the excavator arm.

If necessary, the machine can be driven quickly and conveniently from one site to another on its own wheels.



**POWERFUL,
FAST, AGILE
WITH EXCELLENT
OFF-ROAD
PROPERTIES**



Kronos crane and working platform for lifting people



Drilling equipment



"Kronos" auxiliary arm



Cable plough



Sweeper for digging arm. Sweeper can be equipped with container.



The Lännen Rail multifunction machine - equipped with everything necessary for work on and around railway tracks



Tiltrotator for unlimited attachment rotation and tilting up to 40° in two directions

McCLOSKEY CRUSHERS



McCloskey
INTERNATIONAL

Balavto Ltd. is an authorised dealer for McCloskey crushers and screeners in Slovenia.

Jaw crusher J40



Engine: 166 kW (225 Hp), Diesel
Transportation length: 13,7 m
Transportation width: 2,5 m
Transportation height: 3,4 m
Weight: 31000 kg Capacity: 170 t/h

Jaw crusher J45R



Engine: 224 kW (350 Hp), Diesel
Transportation length: 14,5 m
Transportation width: 2,5 m
Transportation height: 3,4 m
Weight: 43900 kg

Jaw crusher J50



Engine: 261 kW (350 Hp)
Jaw: 1270 mm x 660 mm
Transportation length: 14,5 m
Transportation height/width: 3,4 / 2,9 m
Weight: 48200 kg Capacity: 320 t/h

Impact crusher J44R



Engine: 261 kW (350 Hp)
Transportation length: 15,3 m
Transportation width: 3,1 m
Transportation height: 3,4 m
Weight: 48000 kg

Impact crusher I54



Engine: 320 kW (430 Hp)
Transportation length: 15,3 m
Capacity: 350 t/h
Transportation height: 3,6 m
Transportation width: 3 m Weight: 48200 kg

Vertical Impact crusher V80



Engine: 320 kW (440 Hp)
Transportation height: 3,4 m
Transportation length: 16,0 m
Transportation width: 2,9 m Weight: 39 000 kg
Crusher speed: 800 - 1800 rev/min.

Cone crusher C38



Engine: 261 kW (350 Hp)
Transportation length: 14,9 m
Transportation width: 2,5 m
Transportation height: 3,4 m Weight: 36500kg

Cone crusher C38R



Engine: 261 kW (350 Hp)
Transportation length: 17,3 m
Transportation width: 3 m
Transportation height: 3,4 m Weight: 45495kg

Cone crusher C44



Engine: 328 kW (440 HP)
Cone: Telesmith Transportna, Height : 3,4m
Transportation length: 16,33 m
Transportation height: 2,9 m Weight: 44200kg

McCLOSKEY SCREENERS

Vibratory screener



Since 1985, McCloskey has been exceeding customers' expectations for mobile screening equipment by delivering reliable, durable, and high performing products. McCloskey offers the high energy S-Series screeners and high performance and rugged R-Series scalping screeners to companies in every industry, in every corner of the world.

Model	Power (Hp)	Screen box/Top deck (m)	Screen box/Bottom deck (m)	Lenght (m)	Width (m)	Height (m)	Nr. of fractions (screenbox)	Weight (t)
Primary								
R70	84	2,75 x 1,22	2,59 x 1,22	11,50	2,5	3,2	2	15,4
R105	100	3,66 x 1,37	3,45 x 1,37	12,75	2,5	3,2	2	23
R155	127	4,88 x 1,52	4,57 x 1,52	15,30	2,9	3,2	2	34



Model	Power (Hp)	Screen box/Top deck (m)	Screen box/Bottom deck (m)	Lenght (m)	Width (m)	Height (m) tracks/wheels	Nr. of fractions (screenbox)	Weight (t) tracks/wheels
Secondary								
S80	84	3,05 x 1,37	2,44 x 1,37	13,21	2,5	3,2/3,68	2	19,25/18
S130	100	4,27 x 1,52	3,66 x 1,52	15,09	2,9	4,4/3,68	2 ali 3*	27,20/23
S190	125	6,10 x 1,52	5,45 x 1,52	17,16	2,9	3,4/3,68	2 ali 3*	36/31
123 Sizer	72			9,53	2,5	3,1	2	23,5
Mini Sizer	9,5	1,49 x 1,49	1,49 x 1,49	2,98	2,2	2,07	2	2,6
Kompaq	40	2,44 x 1,20	2,44 x 1,20	2,30	2,24	2,12	2	5,5



Trommels

With proven performance for material throughput, quality components and customer focused features, McCloskey International continues to be the world leader in trommel design and manufacturing.



for screening, washing, recycling of different aggregates



Bruce systems for washing sand and other aggregates



Sand washing



Slime draining



System for water recycling



Final product after washing



Whole complex: Bruce screener for sand washing, system for water recycling and slime draining

For more information, please contact us directly: Marko Bajec email: marko@balavto.si cell.ph: + 386 31 627 399

TRUCKS and DIFFERENT SUPERSTRUCTURES

In Balavto Ltd. we can provide trucks with different superstructures (or without). Contact us for more information.

3-way tipper



Mulda tipper



Abroll tipper with or without crane



Concrete mixer, concrete pump



Crane or/and fixed or tipper body



Hauler with tipper trailer or trailer for heavy machinery transportation



Forestry superstructure with crane



Sennebogen autocrane



Superstructure for silo transportation and setting up



Superstructure for containers tipping



Semitrailers and trailers for machinery transportation



Tandem trailers



Fassi cranes

We can provide and mount on your truck different models (capacities and reach) of Fassi cranes.



Beside new trucks with different superstructures, we offer you also used tracks.

We always have some used trucks in our stock. Please call us for more info, and check our stock on: www.balavto.com

BALAVTO ATTACHMENTS PRODUCTION



In our production program we produce different **standard attachments** for excavators and loaders: all kinds of buckets, different grabs, rippers, blades, forks... Beside standard attachments, we also produce different **special attachments** for all kinds of machinery - **custom made**.

A team of experienced professionals carefully plan all stages: from initial drawing to the final production and connection to the machine.

Our production program was expanded to other products for construction machines: chassis or trucks, dumper bodies, special, adapted cabs (glass on a cab) for working in hard working conditions, etc.



Buckets for loaders: stand, high tip buckets, light material buckets, heavy duty buckets ...



Dumper body for light materials



Forks for stone blocks (Heavy Duty) for loaders



Arm extension for excavators (Long reach arm)



All kinds of grabs for excavators



Grabs for logs for excavators and loaders

We can make any kind of attachment for your machine, regardless of the model, size, manufacturer and complexity of the work that you carry out. Call us and we'll find the right solution for you.

On the following pages are briefly shown attachments that we produce in our company and also other attachments not produced by us, but available in our sale program. For detailed review and more info about our products, please visit our web page www.balavto.si or contact us directly.

ATTACHMENTS FOR EXCAVATORS












Below you can find different attachments - from standard buckets to special attachments used in construction, forestry, electrical industry, etc... Most of the attachments are made in our production program and they are marked with sign 'Balavto production'. For all our attachments attaching element is custom made, regarding the connecting system on your excavator.

If you need any kind of attachment for your excavator, please contact us directly.











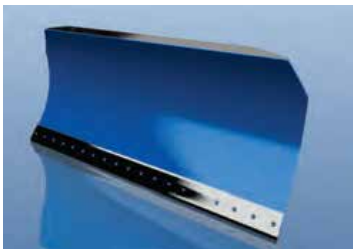



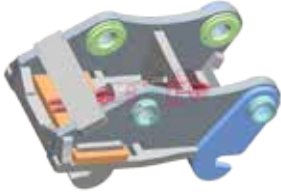



ATTACHMENTS FOR EXCAVATORS MADE ON BALAVTO Ltd.

1.	 <p>BALAVTO production</p>	<p>STANDARD DIGGING BUCKET</p> <p>We produce standard digging buckets for all kinds of excavators. Attaching element on all our buckets is custom made in accordance with the attaching system on your excavator.</p>	
2.	 <p>BALAVTO production</p>	<p>HEAVY DUTY DIGGING BUCKET</p> <p>We can also make heavy duty digging buckets, designed for digging in a hard conditions and working with heavy materials. Heavy duty buckets are custom made, different dimensions and capacities with the attaching element in accordance with the connection system on excavator.</p>	
3.	 <p>BALAVTO production</p>	<p>BUCKET FOR STONES</p> <p>Specially designed Heavy duty buckets, made for stone placing. Bucket can be custom-made in accordance with the excavator on which is to be used.</p>	
4.	 <p>BALAVTO production</p>	<p>SPECIAL TILT-DIGGING BUCKET</p> <p>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. Tilt-digging bucket is also wider than classical digging bucket, which enables leveling works.</p>	

5.	 <p>BALAVTO production</p>	<p>DITCH CLEANING BUCKET</p> <p>Production of Ditch Cleaning Buckets for all kinds of excavators. Connecting element on the bucket is custom-made in accordance with the attaching system on your excavator.</p>	
6.	 <p>BALAVTO production</p>	<p>SWIVELING BUCKET</p> <p>Production of Swiveling buckets for all kinds of Excavators. Because of its width, swiveling buckets are appropriate for leveling works. Tilting mechanism enables tilting in two directions.</p>	
7.	 <p>BALAVTO production</p>	<p>NARROW DIGGING BUCKET</p> <p>Narrow buckets are intended for canal digging. Bucket width and other characteristics depend on width of the canal (ditch) which is to be digged. Attaching element on the bucket is also custom-made, in accordance with the attaching system on excavator.</p>	
8.	 <p>BALAVTO production</p>	<p>TRAPEZOIDAL BUCKET</p> <p>This kind of bucket is intended to be used for canal (ditch) digging. As for other our attachments, attaching element on this bucket is custom made.</p>	
9.	 <p>BALAVTO production</p>	<p>BUCKET WITH ADDITIONAL CLAMP</p> <p>Special buckets with clamp, attached to the excavators arm, are often used for stone placing.</p>	
10.	 <p>BALAVTO production</p>	<p>BUCKET WITH GRAB</p> <p>Special buckets with integrated grab are often used during electrical pole placing, in forestry etc. You have an excellent tool for hole digging and pole placing in one. All buckets are custom made: your requirements, kind of work and type of the excavator are all taken into consideration.</p>	

11.	 <p>BALAVTO production</p>	<p>MATERIAL HANDLING AND DEMOLITION GRAB</p> <p>This kind of grab 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.</p>	
12.	 <p>BALAVTO production</p>	<p>POLYP GRAB</p> <p>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.</p>	
13.	 <p>BALAVTO production</p>	<p>CLOSED GRAB</p> <p>Production of hydraulic grabs in special, closed version for sand, soil and similar materials.</p>	
14.	 <p>BALAVTO production</p>	<p>HANGING GRAB FOR LOG MANOEUVRING</p> <p>Grab Model BGV16 is specially made for log manoeuvring. Grab has integrated rotator, which enables its unlimited rotation and increases efficiency.</p>	
15.	 <p>BALAVTO production</p>	<p>GRABS FOR CROSS-TIE PLACING ON RAILWAYS</p> <p>This special grab is made for cross-tie placing on railways. It has integrated rotator, which enables unlimited rotation of the grab. As for all our attachments, also for this grab, attaching plate can be custom-made in accordance with attaching system on base machine (excavator).</p>	
16.	 <p>BALAVTO production</p>	<p>GRAB FOR HOSES OR OTHER ROUND OBJECTS</p> <p>This special grab was made for handling round objects, hoses, etc. Attaching plate on grab can be custom-made, regarding the attaching system on excavator or on customer's request.</p>	












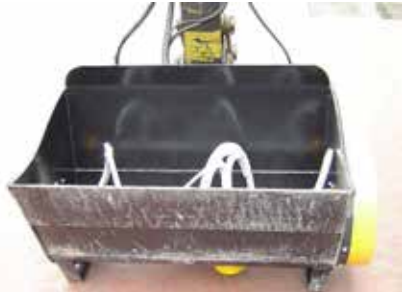


<p>17.</p>	 <p>BALAVTO production</p>	<p>PALLET FORKS FOR EXCAVATORS</p> <p>Excavator pallet forks with custom made attaching element (for any kind of excavator). Dimensions and capacity of pallet forks depend on excavator on which there are going to be used.</p>	
<p>18.</p>	 <p>BALAVTO production</p>	<p>DEMOLITION SHEARS FOR EXCAVATORS</p> <p>Demolition Shears are often used for crushing slag, concrete, stone etc. The shears and elements for the connection on shears, depend on type of machine and work and are made according to the customer's needs or the type of work.</p>	
<p>19.</p>	 <p>BALAVTO production</p>	<p>EXCAVATOR ARM EXTENSION (LONG REACH ARM)</p> <p>Effective tool to overcome some physical obstacles and reach positions that are much above or below the excavator level. Dimensions of a long reach arm are different depending on the excavator on which they are going to be used.</p>	
<p>20.</p>	 <p>BALAVTO production</p>	<p>RIPPERS</p> <p>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.</p>	
<p>21.</p>	 <p>BALAVTO production</p>	<p>ASPHALT CUTTERS</p> <p>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.</p>	
<p>22.</p>	 <p>BALAVTO production</p>	<p>BLADES FOR EXCAVATORS</p> <p>We produce all kinds of blades for machinery (for excavators, loaders, etc.).</p>	













<p>23.</p>	 <p>BALAVTO production</p>	<p>QUICK FITS</p> <p>We produce different quick fits for all kinds of excavators. Please contact us for more information.</p>	
<p>24.</p>	 <p>BALAVTO production</p>	<p>B-QUICK COUPLERS FOR HYDRAULIC HOSES</p> <p>Special B-quick couplers, manufactured in our Company Balavto ltd., enable easy and fast coupling of the hydraulic attachments (breakers, grapples, shears, etc...) to base machine.</p>	

OTHER EXCAVATOR ATTACHMENTS YOU CAN BUY ON BALAVTO

<p>25.</p>		<p>VIBRO PLATES</p> <p>We provide different Vibro plates (compactors) for all kinds of excavators.</p>	
<p>26.</p>		<p>HYDRAULIC BREAKERS</p> <p>Diferent sizes of hydraulic breakers for all kinds of excavators.</p>	
<p>27.</p>		<p>CONCRETE SHEARS</p> <p>Shears for concrete crushing. We provide shears for all kinds of excavators.</p>	

28.		<p>STEEL SHEARS</p> <p>Hydraulic steel shears for all kinds and sizes of excavators (from 3 - 45 tons). They are also often used on waste dumps for steel cutting - recycling. Integrated rotating system enables unlimited shear's rotation which increases efficiency.</p>	
29.		<p>MILLING EQUIPMENT FOR ASPHALT</p> <p>Milling equipment for all kinds and sizes of excavators.</p>	
30.		<p>MILLING EQUIPMENT FOR STONE</p> <p>Milling equipment for all kinds and sizes of excavators.</p>	
31.		<p>PILE DRIVERS</p> <p>A pile driver is an excavator attachment used to drive piles (poles) into soil to provide foundation support for buildings or other structures. We can provide different kinds of pile drivers for excavators. Please contact us for more info.</p>	
32.		<p>PROCESSING HEADS</p> <p>This attachment is used in forestry for wood processing. We can provide processing heads for all kinds of excavators (for excavators from 16 tons and bigger).</p>	
33.		<p>TREE CUTTER</p> <p>This attachment is used in forestry for wood cutting/processing.</p>	

34.		<p>CABLE PLOUGHING ATTACHMENT</p> <p>This attachment enables fast and easy cable placing in ditches. It is also often used as Backhoe Loader attachment. We can provide it for different kinds of excavators and backhoe loaders.</p>	
35.		<p>HYDRAULIC AUGERS</p> <p>Drilling equipment for excavators for soil. We can provide different kinds and dimensions of augers for excavators.</p>	
36.		<p>DRILLING EQUIPMENT</p> <p>We provide different drilling equipment for rocks and stone.</p>	
37.		<p>CRUSHING BUCKETS</p> <p>Special crushing buckets enable stone and different other material crushing.</p>	
38.		<p>SCREENING BUCKETS</p> <p>Screening buckets for excavators are excellent tool for eliminating bigger pieces of material.</p>	
39.		<p>MIXING BUCKETS</p> <p>Buckets for concrete mixing for all kinds of excavators.</p>	
40.		<p>TRENCHERS FOR DITCHES</p> <p>Excellent tool for ditches trenching. We can provide a different trenchers for all kinds of excavators.</p>	













41.		<p>TELESCOPIC ARMS</p> <p>We provide special, telescopic arms for all kinds of excavators. Telescopic arms are intended to be used during deep excavations.</p>	
42.		<p>LIFTING ARMS</p> <p>Special, lifting arms for excavators.</p>	
43.		<p>POWER TILT</p> <p>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.</p>	
44.		<p>TILTROTATOR</p> <p>Tiltrotator enables unlimited rotation of an attachment and tilting of up to 40° in two directions.</p>	
45.		<p>TILTROTATORS WITH INTEGRATED GRAB</p>	
46.		<p>MULCHERS</p> <p>Mulcher (as an excavator attachment) is a necessary tool during works of: grass mowing, cutting shrubs, landscaping of roads, etc.</p>	
47.		<p>SWEEPERS FOR EXCAVATORS</p> <p>Sweepers with or without container.</p>	





ATTACHMENTS FOR LOADERS

Below you can find different attachments for loaders - from standard buckets to special attachments. Most of the attachments are made in our production program and they are marked with sign 'Balavto production'. For all our attachments attaching element is custom made, regarding the connecting system on your loader. If you need any kind of attachment for your loader, please contact us directly.








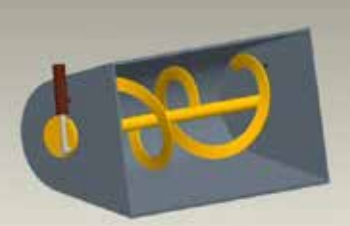

ATTACHMENTS FOR LOADERS MADE ON BALAVTO Ltd.

1.	 <p>BALAVTO production</p>	<p>STANDARD LOADING BUCKETS</p> <p>Production of loading buckets for any kind of Loader. Connection element on a bucket is made in compliance with the connecting system on loader. Loading bucket can also be made in Heavy Duty version.</p>	
2.	 <p>BALAVTO production</p>	<p>LIGHT MATERIAL BUCKETS</p> <p>Light Material Bucket has high capacity for handling low density materials (0,6 ton/ m³ or less), such as snow, wood, chips etc. We produce light material buckets for all kinds of loaders.</p>	
3.	 <p>BALAVTO production</p>	<p>HIGH-TIP LIGHT MATERIAL BUCKETS</p> <p>High-Tip Light Material Bucket with side mounted cylinders 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. Dump height 4 - 7 m depending on loader and bucket type. In our company we can produce high-tip buckets.</p>	
3a.	 <p>BALAVTO production</p>	<p>HIGH TIP BUCKETS WITH SIDE CYLINDERS</p> <p>This version of High Tip Bucket has lifting cylinders positioned on sides of the bucket and not in the middle. This make the bucket more stabile and enables fast and easy self-cleaning (material does not stay stucked in the middle of the bucket).</p>	

<p>5.</p>	 <p>BALAVTO production</p>	<p>SIDETIP BUCKETS</p> <p>Production of buckets for side tipping for all kinds of wheel loaders.</p>	
<p>6.</p>	 <p>BALAVTO production</p>	<p>BUCKETS WITH FORKS</p> <p>Bucket with additional forks are often used for hay manipulation.</p>	
<p>7</p>	 <p>BALAVTO production</p>	<p>OPENING (4 IN 1) BUCKETS</p> <p>This kind of bucket has a wide spectrum of usage. It can be used in many different situations as a different tool: as a standard loading bucket, as a grab, as a blade, as a leveling bucket. That's why it's called 4 in 1 bucket.</p>	
<p>8.</p>	 <p>BALAVTO production</p>	<p>BLADES FOR LOADERS</p> <p>Different blades for loaders. We can also produce blade in accordance with your requires - custom-made.</p>	
<p>9.</p>	 <p>BALAVTO production</p>	<p>GRAPPLES FOR LOADERS</p> <p>Different grabs regard to the needs and works to perform. General purpose grabs, Unloading grabs Tree-length grabs, Grabs with rotator. Grabs are custom made.</p>	
<p>10.</p>	 <p>BALAVTO production</p>	<p>FORKS FOR LOADERS</p> <p>Different forks, depending on loader type available:</p> <ul style="list-style-type: none"> - hydraulic pallet forks, - mechanical (manual) pallet forks, - forks with clamps, - etc. <p>Forks with an extended rear part of the framework allows a special safe handling of load. In our company we produce all kinds of forks for loaders.</p>	

<p>11.</p>	 <p>BALAVTO production</p>	<p>FORKS WITH CLAMP</p> <p>Clamp on forks take and keep the load firmly on forks and prevent its falling. Forks can have single or double clamps and can be made for any kind and size of loader with custom-made attaching element.</p>	
<p>12.</p>	 <p>BALAVTO production</p>	<p>FORKS FOR STONE BLOCKS</p> <p>Special, Heavy Duty forks for stone blocks loading. Made for heavy loads, fixed forks are excellent tool for works in a quarry.</p>	
<p>13.</p>	 <p>BALAVTO production</p>	<p>BIG BAG FORKS</p> <p>Big Bag Forks are specially designed forks for bags transportation and loading on truck. They enable easy and fast bags manoeuvring.</p>	
<p>14.</p>	 <p>BALAVTO production</p>	<p>HAY BALE CLAMP</p> <p>Provide a firm load compression. Attachment has a function of pressure reducing and side shifting.</p>	
<p>15.</p>	 <p>BALAVTO production</p>	<p>LOADER ARM EXTENSION</p> <p>You can attach a different attachments on this extension: buckets, forks... This extension allows us to reach greater heights when loading or unloading, or loading over the physical obstacles.</p>	

OTHER LOADER ATTACHMENTS YOU CAN BUY ON BALAVTO

16.		<p>MATERIAL HANDLING ARM</p> <p>This material handling arm is used on construction sites for pipelaying etc. It has two telescopic sections with built-in mechanical stops to prevent overextension. This arm is usually used on sites where load is loaded under or above the loader level or if there is insurmountable barrier, which otherwise should be bypassed.</p>	
17.		<p>TILT QUICK FIT (UFO)</p> <p>Tilting quick fit for loaders enables tilting the attachment to side. We can provide these kinds of quick fits for all kinds of loaders.</p>	
18.		<p>SWEEPERS WITHOUT CONTAINER</p> <p>This kind of Sweeper is suitable for sweeping surfaces, where it is not necessary to collect pieces of scrap materials. Sweeper can be additionally equipped with reservoir for water and water spray, which reduces the formation of dust when sweeping.</p>	
19.		<p>SWEEPERS WITH CONTAINER</p> <p>Sweeper with a container allows sweeping and waste collection at the same time. This attachment can be equipped with additional sweeper, mounted on the right, left or both sides.</p>	
20.		<p>MIXING BUCKETS FOR LOADERS</p> <p>Concrete mixing buckets for loaders.</p>	

PRESENTATION OF SOME ATTACHMENTS MADE ON BALAVTO LTD.

On next pages you can find more detailed description of some attachments from our production.
More about our attachment production you can find on our web page: www.balavto.com
If you need any kind of an attachment for your machine, please contact us directly.

GRABS FOR EXCAVATORS

Production of universal hydraulic grabs for excavators which are often used for: stone laying, for demolition works, for material sorting on garbage dumps, etc. Size of a grab and attaching element on it, depend on the excavator on which is grab going to be used.
We also produce other kinds of grabs for excavators: polyp grabs, hanging grabs for logs, grabs for cross tie placing, grabs for round objects, etc.



GRAB BG16

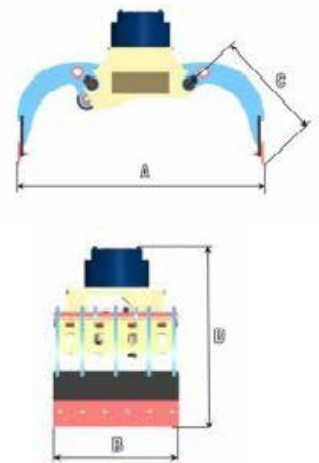
For excavators form 16 - 23 t

Three different versions of grab BG16 available:

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

Grab model BG16

Maks. grabbing width (A)	1970 mm
Width (B)	900 mm
Height without rotator (D)	815 mm
Max force on tip	25 kN
Weight	960 kg
Excavator weight	15 - 23 t



BALAVTO production

1. Grab Model BG16 without Rotator (intended to be used with Tiltrotator)

Efficiency 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 (with attached tiltrotator):
360° rotation, 40° tilting, different materials grabbing: stone, wood, iron, garbage, etc...



2. Grab Model BG16 with Rotator

Rotator, which is integrated into grab, transmits major amount of axial and radial force and insures a great grab rotary performance. It enables 360° and increases grabs applicability.

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



3. Grab Model 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.



GRAB BG13

For excavators from 12 - 16 t

Same as grab model BG16 it can be used for: standard grabbing/material handling (stone, wood, iron, etc.), waste material sorting on garbage dumps and during demolition works, for stone laying, etc.

Grab model BG13

Maks. grabbing width	1573 mm
Width	700 mm
Height without rotator (mm)	770-opened, 885-closed
Max force on tip	25 kN
Weight	500 kg
Excavator weight	12 - 16 t



Grab BG13 without rotator



Grab BG13 with tiltrotator



Grab BG13 with rotator



GRAB BG8

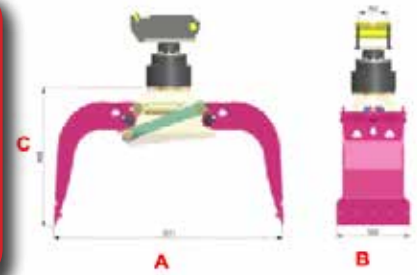
For excavators from 5 - 8 t

Small grab model BG8 intended to be used on mini excavators, from 5-8 tons weight.

it can be used for: standard grabbing/material handling, material sorting on garbage dumps and during demolition works, for stone laying, etc. Same as larger models (BG16 and BG13) it can be delivered in three different versions: without rotator, with rotator and with hanging rotator.

Grab model BG8

Maks. grabbing width (A)	1571 mm
Width (B)	500 mm
Height without rotator (D)	890 mm
Max force on tip	10,5 kN
Weight	cca. 340 kg
Excavator weight	5 - 8 t



OTHER, SPECIAL GRABS FOR EXCAVATORS

produced by Balavto

In our company we produce different kinds of grabs for excavators, in accordance with type of work which is to be done. If you need any kind of grab for your excavator, please contact us directly.



Hanging grab for wood logs



Polyp grabs



Grab for cross-tie placing



Grab for hoses

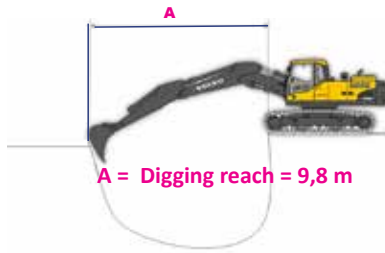


Grab for sand and soil

BALAVTO production

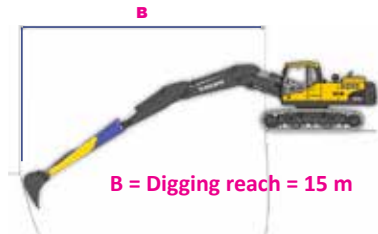
EXCAVATOR ARM EXTENSION - Long Reach Arm

Effective tool to overcome some physical obstacles and reach positions that are much above or below the excavator level. Dimensions of a Long Reach arms are different depending on the excavator on which they are going to be used.



A = Digging reach = 9,8 m

Volvo EC240 with standard 2,5m arm



B = Digging reach = 15 m

Volvo EC240 with arm extension - Long reach Arm



Long reach arm, an excellent, effective tool on site



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



Betoniranje pod vodo - podaljšek roke omogoča betoniranje v večjih globinah (na večji oddaljenosti od obale)

QUICK FITS

Quick fits models B1 and B2 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.

Beside our B-models of quick fits, we also produce other quick fits for all kinds of excavators. All Quick fits are custom made, regarding the attachment and machine on which they are going to be used.



Quick fits made on Balavto Ltd.

RIPPERS and ASPHALT CUTTERS



Production of all kinds of rippers for excavators. Standard and special rippers (for example for coil).



Production of all kinds of asphalt cutters with custom made attaching element.



B-QUICK COUPLER FOR HYDRAULIC HOSES



Special B-quick couplers, manufactured in our company Balavto Ltd., enable easy and fast coupling of the hydraulic attachments (breakers, grapples etc...) to a base machine.

Primary benefits of B-Quick Couplers

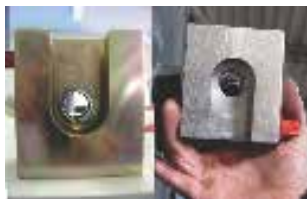
Fast and easy connection



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

100% and constant oil flow

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.



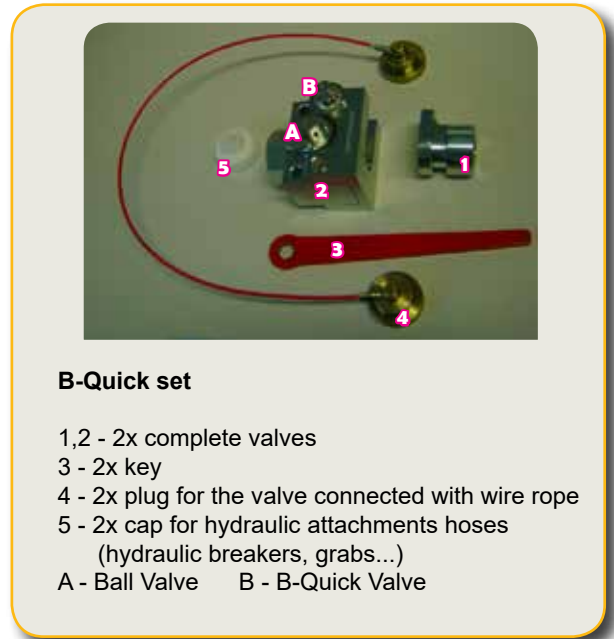
High impact resistance

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 an attachment and machine.



Effective protection against dust

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



B-Quick set

- 1,2 - 2x complete valves
- 3 - 2x key
- 4 - 2x plug for the valve connected with wire rope
- 5 - 2x cap for hydraulic attachments hoses (hydraulic breakers, grabs...)
- A - Ball Valve B - B-Quick Valve

Environmentally friendly product

During the connection / disconnection process of 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 Couple represents environmentally friendly product.



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

When closing a hose with our plug, there is no oil spilling because all oil goes to this container.



Hydraulic Breaker and Shear connected to excavator with B-Quick coupler



BUCKETS and FORKS FOR LOADERS

Different buckets for loaders



We produce all kinds of buckets for loaders: standard loading buckets, Heavy Duty buckets, High tip buckets, Light material buckets, buckets with clamps, special custom made buckets.



High tip bucket made on Balavto Ltd. for loader Volvo L180H



Bucket for light materials made on Balavto Ltd. for loader Volvo L350F



Bucket with clamp made on Balavto Ltd. for loader Volvo L70

Pallet forks

Pallet forks with mechanical or hydraulic forks movement. We produce forks of different capacities for all kind of loaders.



Forks with clamp

Forks with single or double clamps for all kinds of loaders.



Big-Bag forks

Special forks for bags with custom made attaching element.



Forks for stone blocks

Special, Heavy Duty forks for stone blocks loading. Made for heavy loads, fixed forks are excellent tool for works in a quarry. We produce this kind of forks for all kinds of loaders - different capacities.



Forks for stone blocks made for loader Volvo L350F, Capacity 80 t



Forks for stone blocks made for loader Michigan L270, Capacity 60 t



Forks for stone blocks made for loader Volvo L220, Capacity 48 t



OTHER PRODUCTS MADE ON BALAVTO LTD.

Dumper bodies for light materials

In Balavto company we desing 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.



Light material dumper bodies are often used in Termal Power Plants for ash transportation



Dumper body can be firmly closed (sealed) so it is also appropriate for liquide materials transportation



Attaching plates

Attachment plate is some kind of adaptive plate which enables connecting the attachment to the attaching system of the excavator. On one side it is fixed on the attachment and on the other side to the excavators attaching system. It enables attaching any kind of attachment to your machine: hydraulic breaker, vibro-plates, shears, grabs, etc.



Our special Attaching Plate with integrated Grab is an excellent toll for hammering in (placing) the columns. Grab grasps the column firmly and the Hydraulic Breaker (Hammer) with its strong blow, hammers the column in to the soil.

Individual solutions



Special attaching plate for hydraulic breaker on backhoe loader.



Hydraulic Breaker Carrier - an excellent help during a hydraulic breaker transportation from one site to another.



Special Protective Cab Glass on excavator cab.

HYDRAULIC BREAKERS BAT

Take advantage of a great opportunity to buy new hydraulic breaker!

When buying a new hydraulic breaker in our company, we take your old, used breaker into account!

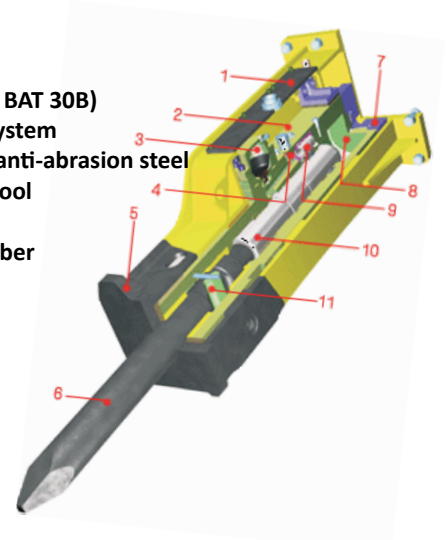
Call us for more info:
tel. +386 5 365 99 00



Old
→
for New



1. Noise Protector
2. Stroke adjuster
3. Accumulator (from BAT 30B)
4. Auto-Lubrication System
5. Rock dragger with anti-abrasion steel
6. Well heat-treated tool
7. Cushion Damper
8. Roomier Gas Chamber
9. Main valve
10. Piston
11. Wide Chisel pin



Advantages of BAT Hydraulic breakers

**Auto - stop
(Anti-Blank
Fire system)**

This function ensures less problems with the components and longer life of the hydraulic breaker.

**Upper Level
of Through
Bolt**

The size of through bolt is bigger than the one of other manufacturers to reduce breakage and to avoid loos of tightness.

**Built in
Accumulator**

Accumulator makes less stress on hydraulic components and absorbs pressure fluctuation inside the breaker.

**All Silenced
Model Range**

Sound surpression brackets and devices are applied to from small models to large models.

Technical specification of BAT hydraulic breakers

MINI HYDRAULIC BREAKERS

MODEL		BAT 6V	BAT 8V	BAT 17V
Weight	kg	55	120	187
Impact power	J		177	
Required oil flow	l/min	18-25	15-30	23-70
Working pressure	kg/cm2	60-130	90-120	90-120
Blow rate	bpm	800-1200	550-1000	600-1500
Tool length	mm	40	45	57
Excavator weight	t	0,5 - 2	0,8-2,5	1,5 - 4



SMALL HYDRAULIC BREAKERS

MODEL		BAT 40V	BAT 60V	BAT 70V	BAT 80V	BAT 100V	BAT 130V
Weight	kg	260	330	495	545	800	900
Impact power	J		981	1187	1461	2158	2518
Required oil flow	l/min	35-70	40-110	45-100	50-100	75-120	80-140
Working pressure	kg/cm2	110-150	120-165	140-170	140-170	140-180	140-180
Blow rate	bpm	550-1300	380-1100	400-800	350-700	350-600	350-600
Tool length	mm	70	75	80	90	95	105
Excavator weight	t	3-6,5	4,5-8	4,5-8	6-10	8-12,5	10-15

MEDIUM HYDRAULIC BREAKERS

MODEL		BAT 180V	BAT 200V	BAT 220V	BAT 250V
Weight	kg	1450	1580	1800	2000
Impact power	J	3880	4527	5350	7203
Required oil flow	l/min	100-155	120-170	140-190	150-210
Working pressure	kg/cm2	160-190	160-190	160-190	160-190
Blow rate	bpm	320-800	320-800	340-800	300-720
Total length	mm	2522	2589	2775	2906
Tool length	mm	125	135	135	145
Excavator weight	t	16-22	18-24	20-26	25-30



LARGE HYDRAULIC BREAKERS

MODEL		BAT 300V	BAT 360V	BAT 450V	BAT 550V	BAT 650V	BAT 700V	BAT 750V	BAT 1200V
Weight	kg	2400	2700	3300	3800	4500	5700	7000	10000
Required oil flow	l/min	180-240	200-260	220-280	240-320	310-390	310-390	350-420	450-530
Working pressure	kg/cm2	160-190	160-190	160-190	160-190	150-190	170-210	170-210	170-230
Blow rate	bpm	300-450	270-470	270-410	270-550	380-530	380-485	320-430	290-380
Tool length	mm	150	155	165	175	180	200	205	240
Excavator weight	t	24-36	28-42	34-50	40-60	45-80	58-100	60-100	85-140

Complete solution and full support

- Consulting** We will help you choose the right hydraulic breaker.
- Mounting** Connecting the breaker to your machine and performin the appropriate settings and changes (oil flow, pressure, filters...)
- Attaching plates** We produce attaching plates for all kinds of hydraulic breakers - custom made.
- B-Quick couplers for hydraulic hoses** Our B-Quick couplers enable fast and easy connecting of hydraulic hoses.
- Spare parts and tools** We always have spare parts and different tools for all kinds of hydraulic brekaers in stock.
- Service and hydraulic breakers renovation** We offer you service and possibility of renovating your old, used and damaged hydraulic breaker.

Spare parts and tools for hydraulic breakers

Always in stock: spare parts and different tools for all kinds of hydrulic breakers: D&A, Krupp, Rammer, NPK, D&A, Soosan, Indecco Furakawa, Atlas Copco ...



Spare parts for hydraulic brekaers: membranes, bolts, bushings, screws, washers...



Pyramidal tool



Chopper



Flat tool



Cone tool

We have different tools for hydrulic brekaers in stock

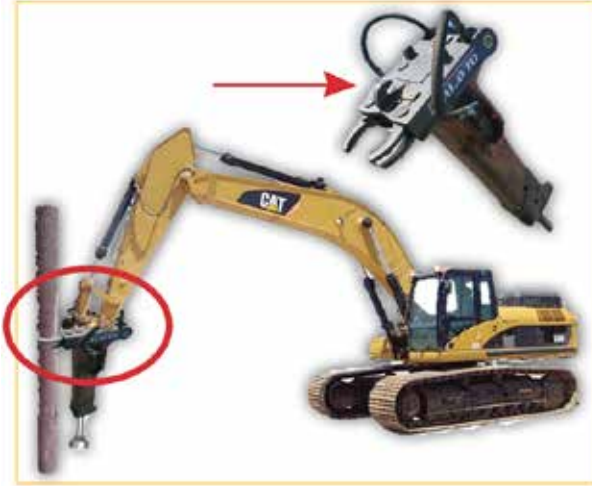
Special equipment for hydraulic breakers

Attaching plates with grab

Special Attaching plate with integrated grab, made by Balavto Ltd., is an excellent toll for hammering in (placing) the columns. Grab grasps the column firmly and the Hydraulic breaker (hammer) with its strong blow, hammers the column into the soil. Special connecting plate with integrated grab are custom-made and can be made for different kinds of hydraulic hammers.



Special attaching plate with grab - Balavto production



Special equipment for working with hydraulic breaker under water

We can equip your machine with special hydraulic compressor which transforms the hydraulic power of a work machine effectively to high quality compressed air. This highly compressed air blows the water away and enables safe work with hydraulic breaker underwater.

High quality compressed air goes through hydraulic hoses down to the breaker where it pushes water away and prevents its invasion in breaker's components. This compressor can be installed in almost any working machine. It is easy and simple to use.



Komponente sistema, ki omogoča varno pikiranje pod vodo

1. Hydraulic compressor which generates high quality compressed air, mounted on the excavator.
2. Hydraulic hoses for delivering the compressed air to the breaker.
3. Compressed air blows the water away and enables safe work with hydraulic breaker underwater.



System components



Hydraulic compressor mounted to the excavator

D&A SHEARS AND VIBRO PLATES

STEEL SHEARS

MODEL	DFS 03	DFS 30	DFS 40
Weight (kg)	325	2600	3400
Working pressure (kg/cm ²)	210	320	320
Blade length (mm)	100	600	600
Rotation system	Mechanical	Hydraulic	Hydraulic
Excavator weight (t)	3-8	26-36	36-45



DFS 03



DFS 30/40

DEMOLITION SHEARS

Concrete shears - FR series

MODEL	FR 500R	FR 700R	FR 1000R
Weight (kg)	1600	1900	2800
Working pressure (kg/cm ²)	320	320	320
Max opening width (mm)	720	830	950
Blade length (mm)	150	180	180
Total length (mm)	2300	2400	2700
Rotation system	Hydraulic	Hydraulic	Hydraulic
Excavator weight (t)	15-24	20-30	26-40



FR 700R

Concrete shears - FC series

MODEL	FC 500	FC 700	FC 1000
Weight (kg)	1343	1880	2334
Working pressure (kg/cm ²)	320	320	320
Max opening width (mm)	720	830	950
Blade length (mm)	150	180	180
Total length (mm)	2020	2280	2300
Excavator weight (t)	12-20	18-30	26-40



FC 700

Multifunctional shears

MODEL	DMC 20	DMC 30	
Weight(kg)	Jaw - shears	1650	2630
	Jaw - demol.shears	1700	2800
	Jaw - steel shears	1700	2800
Working pressure (kg/cm ²)	200-250	250-300	
Blade length (mm)	Jaw - shears	180	180
	Jaw - demol.shears	180	180
	Jaw - steel shears	353	585
Total length (mm)	Jaw - shears	2200	2700
	Jaw - demol.shears	2100	2700
	Jaw - steel shears	2100	2650
Excavator weight (t)	18-26	27-36	



Jaw - steel shears



Jaw - demolition shears



Jaw - shears

VIBRO PLATES

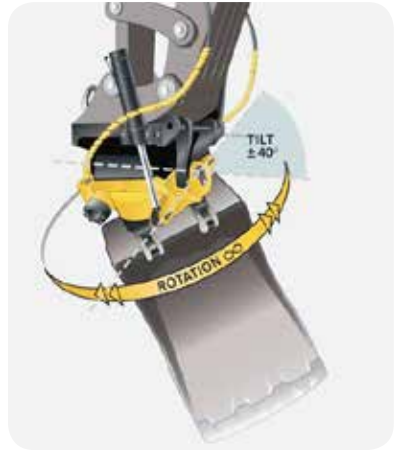
MODEL	D&A 7	D&A 20	D&A 30
Weight (kg)	320	720	1050
Oil flow (l/min)	60-80	105-140	130-150
Working pressure (kg/cm ²)	Max 170	Max 170	Max 170
Vibrations per minute	2200	2200	2200
Plate size (mm)	620x700	800x900	850x1150
Excavator weight (t)	4-12	12-20	14-30



D&A 30C

TILTROTATOR

Tiltrotator can be described as a wrist between the excavator and the tool (attachment). An integrated control system gives you unlimited rotation and tilting of up to 40° in two directions. Our tiltrotators have a hydraulic quick hitch as standard, allowing the operator to change buckets and other tools quickly and easily without getting out of the cab.



Unlimited rotation and tilting up to 40° in two directions

Advantages:

- Unlimited rotation and tilting of up to 40° in two directions
- Increases the functionality of machine.
- Less room needed to maneuver the machine.
- Increases the range of reach for the attachment.
- Increases the working precision.
- It replaces the function of a swiveling bucket with additional rotation and possibility of attaching the different tools (attachments) on it: grapples, shears, asphalt cutters, etc.



Suitable for various types of works:

- During the finishing works on the ground
- In combination with grapple suitable for laying stones and making the stone scarps.
- Very convenient when you work on the railway lines, where we have a machine set on rails.
- In combination with shears is very useful when you work in the forest (forestry)
- In combination with the asphalt cutter is very useful for works on roads



Weighting systems for Loaders and Forklifts

RDS Weighting systems allow easy load weighing on different models of loaders. By measuring the hydraulic pressure RDS weighing systems provide easy monitoring of load weight.

RDS Liftlog system

The Liftlog is a cost-effective weighing and load-monitoring instrument specifically designed for forklift trucks that displays the weight and calculates loading totals. It also features visual and audible overload warning.



RDS Loadmaster 800iX system

The RDS Loadmaster 800iX is a highly accurate dual-sensor, temperature and slope compensating on-board weighing system, suitable for use on all types of loader for check-weighing incoming good.

Advantages:

- Eliminates return trips from the weighbridge of over/underloaded vehicles.
- Reduces weighbridge queues.
- Ensures vehicles are correctly loaded first time.
- Improves site safety by eliminating unnecessary vehicle movements.
- Weighing 'on the lift' speeds operation, enabling operators to load more lorries per shift.

Features:

- Lift speed, temperature and slope compensated dynamic weighing mode.
- Static weighing mode.
- Live last bucket tip-off facility.
- Multiple attachment or product calibration facility.
- Overload logging.
- Net weighing function (for containers/pallets).
- LED backlit screen and keypad.



RDS Loadmaster 8000i system

The RDS Loadmaster 8000iX is a highly accurate, dual-sensor, temperature and slope compensating on-board weighing system for larger loaders that can help increase loading efficiency, cut vehicle movements on site increasing safety and ensure vehicles are correctly loaded first time

Advantages:

- Provides an operational and management record of loading activity.
- Ensures lorries are correctly loaded first time, eliminating return trips from the weighbridge of over/underloaded lorries and reducing weighbridge queues.
- Improves site safety by eliminating unnecessary vehicle movements around the site.
- Weighing 'on the lift' speeds operation; enabling operators to load more lorries per shift.
- Pre-programmable batch/blending mode for product mixtures.
- Easy upgrade path from existing systems or to other models.

Features:

- Lift speed, temperature and slope compensated dynamic weighing mode.
- Live last bucket tip off facility.
- Multiple attachment or product calibration facility.
- 1,000 store internal database for products and customers.
- Integral SD card reader for fast and efficient data transfer to a PC.
- Compatible with RDS optional extras (Printing & Telemetry).

RDS Loadmaster 9000i system

The Loadmaster 9000i is a highly accurate on-board weighing system for fully dynamic and static weighing. It is approvable for the sale of goods to trade customers and conforms to MID Class Y(b) and OIML standards.

Advantages:

- Legal for commercial trade applications in all EU countries and many other countries worldwide.
- Traceable loads to MID Class Y(b) and OIML R51 and R76 (Class IIII) standards.
- Provides operational and management records of loading activity.
- Ideal for use on temporary sites or sites without a weighbridge, avoiding the expense of having one installed.
- Eliminates return trips from the weighbridge of over/underloaded lorries by ensuring lorries are correctly loaded first time.
- Weighing 'on the lift' speeds operation, enabling operators to load more lorries per shift.
- Batch weighing capability for the uploading of product blends for accurate mixes.

Features:

- Lift speed, temperature and slope compensated dynamic weighing mode.
- Last bucket tip-off facility for the exact loading of trucks.
- 1000 store internal database for products and customers.
- Net weighing option for container/pallet weighing.
- Angle sensor for slopes of up to 10 degrees included as standard.
- Integral SD card reader for load data transfer to and from PC.
- Large easy-to-read, backlit display in a rugged construction for heavy-duty applications.
- Compatible with RDS printer and data transfer options.



Command unit in the cab











'View Line' SYSTEMS FOR EXCAVATORS

During the digging work operator often has to go out of the machine to check if the work is carried out properly (for example the digging depth, etc.).

View line enables monitoring of different excavators functions and makes your work easier.

EXCAVATION SYSTEM

'View Line' controlling system enables:




- **Vertical digging:** Real-time graphic representation system of the position of the bucket compared with the bucket operating line. Useful information for the operator includes: distance, depth and angle. 
- **Horizontal digging:** Representation of bucket position compared with the horizontal axis and the theoretical operating line. 
- **Excavation depth:** Function to set a zero point to monitor the digging depth. 
- **Angle setting:** Function to set a theoretical inclined operating angle. 
- **Laser:** System compatible with all the laser devices commercially available today. Function to work in different areas without losing the pre-established reference level. 
- **Limit:** You can set a maximum and minimum limit within which the excavator can work without bumping into external obstacles. 
- **Angle reading:** This automatic pattern-recognition function detects the angle of an existent surface compared with two points. 
- **Profile:** The operator can set a digging profile by means of 10 points and 9 segments, save profile to the system and also replicate it in other working areas. 
- **Buzzer:** Sound alarm that warns the operator when the operating limit has been exceeded. 
- **Bucket selection:** Function to save up to 9 different types of tools. 



'View Line' system on the excavator



Control unit in the cab

- **Distance:** Function to set a zero point to monitor the length of the excavation. 
- **Dredging:** Real-time monitoring of bucket position on the display when the operator cannot see the working area. 
- **Inclined bucket:** Function to constantly monitor the working angle of the bucket. 

WEIGHTING SYSTEM

'View Line' weightnig system enables:

- The system can save up to 200 different types of materials and their densities.
- Up to 500 different clients can be saved.
- The system can save up to 500 vehicles by model, VIN and maximum load.
- Up to 100 different work projects can be saved.
- Up to 50 operators' names can be saved.

LEVELING LASER SYSTEMS FOR EXCAVATORS

EASY DIG

FEATURES AND BENEFITS:

- For measurements of depth, slope and distance.
- Prevents unnecessary excavation, reduced transport costs.
- Improve work efficiency from 30 to 50%.
- Enables work in the dark.
- Improves safety.
- We do not need assistance and the previous marking with poles.



EASY DIG system with the graphic characteristics is the most useful during the excavation under water. Possibility of parallel use of multiple levels of information enables faster and more accurate excavation of the trench.

EASY DIG system is easy to use because all of the settings are in text format. Despite the great functionality of the menu and the screen the system is very simple for use. Measuring range system of sensors is 360 degrees. The tube of "Waterproof" sensor is made of steel, which is resistant to acids and seawater.

XSITE® EASY 2D MACHINE CONTROL SYSTEM

Excavators

- Affordable
- Simple operations
- Upgradeable



XSITE® PRO 2D & 3D MACHINE CONTROL SYSTEM

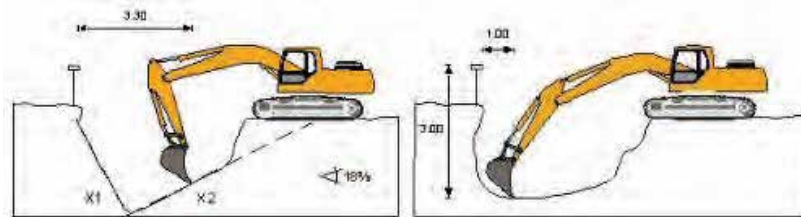
Excavators, bulldozers, wheel loaders

- Support for open, non-proprietary standards
- Easy to use, simple and intuitive user interface
- Remote support and wireless communications



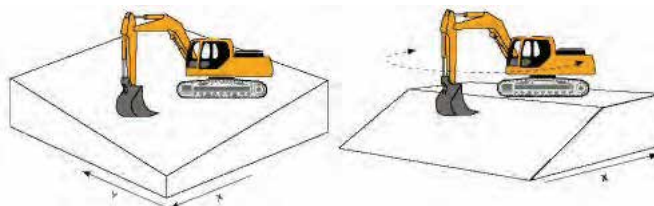
EASY DIG - STANDARD

Measurements of depth, slope and distance is displayed on the screen simultaneously with the excavation. The system can be easily upgraded in the enhanced Dual Slope and GPS systems.



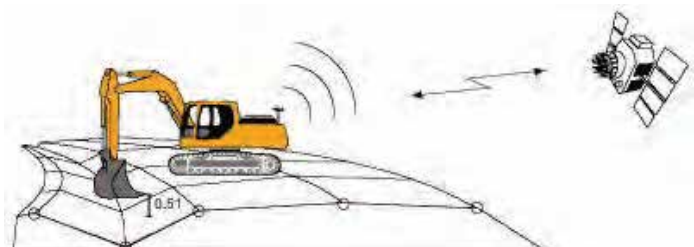
EASY DIG - DUAL SLOPE

In addition to the measurements provided by the standard version, a system of Dig Easy Dual Slope enables measurements in two directions. With this system, we need a sensor for the rotation.



EASY DIG - GPS

EASY DIG system can connect to RTK GPS system with support for PC - program. EASY DIG system with GPS system allows excavating without the prior marking and site preparation directly from electronic site plan.



Advantages of Automatic greasing systems:

- Lubrication is carried out automatically, thus allowing the operator to be fully devoted to his work.
- Controlling and adjustment from the cab.
- Lubrication is carried out during the machine work.
- Constant lubrication reduces the possibility of occurrence of air in the machine arm.
- Regular and timely lubrication maintain the vital parts of the machine in perfect condition, preventing the entry of moisture, sand, etc., so that the wear is reduced to a minimum possible level.
- Reduced consumption of lubricant - saving money for lubricant up to 75%.

SINGLE LINE



Automatic single-line O-grease greasing system with a pneumatic or electric pump. This system greases all greasing points simultaneously, at the right moment and with the correct amount of grease.

The benefits of an automatic greasing system are time gain, no extra service stops, reduced wear, reduced repair costs and greater reliability. Additionally, the follower plate in the Single Line pump unit is a standard feature. It covers the grease in the reservoir.

COMP ALUBE



Even modern vehicles with a reduced number of greasing points need extra greasing service between major services. You can eliminate this costly waste of time with CompAlube compact greasing system. CompAlube meets the increasing demand for compact greasing systems for low-maintenance trucks, trailers, forklifts and many other applications.

Advantages:

- Quick and easy to install
- Less wear
- Lower grease consumption
- Quick return on investment.

BREAK ALUBE



Automatic lubrication system for hydraulic hammers. BreakAlube can build up working pressures up to no less than 275 bar and can be used with greases up to NLGI Class 2 including additives such as graphite and copper.

How BreakAlube works
Everytime the demolition hammer has been operating for 60 seconds, BreakAlube will start a greasing cycle, in which the preset amount of grease is discharged at the demolition hammer greasing point. With the maximum dose, greasing will take 60 seconds.

The quantity of grease, 0.2 cc minimum to 4.0 cc maximum per greasing cycle, can be set in the Digital Control Unit.

TWIN

Twin automatic greasing will keep your vehicles in top condition. Twin guarantees that all pivoting points that need lubrication are constantly greased, ensuring that the availability of the vehicles is not endangered as a result of unanticipated problems due to bad lubrication.

Advantages:

- Less downtime
- Reduced maintenance and repair costs
- Fully monitored system with check light/display, memory and diagnosis
- Accurate, temperature-independent metering with dash-mounted selection switch
- Standard equipment includes reservoir with follower plate and minimum level switch
- Kit mounting instructions and parts information for many vehicle types.



Automatic greasing system mounted to the machine

ONE PLUS

The OnePlus automatic greasing system has been especially developed for transportation vehicles, small-sized and mid-size off-road machines, and industrial machines such as lift trucks and sweepers. The system uses 2-grease and features an electrical pump allowing it to be applied in vehicles and machines that do not have a compressed air system installed.

Advantages:

- Can be used with NLGI 2 and biodegradable greases
- Electrical pump 12V or 24 V
- Progressive metering blocks
- Fully enclosed system, insensitive to moisture, sand and dust
- Accurate grease metering by means of adjustable grease output and cycle time
- Easy installation and operation



TRI PLUS

TriPlus has been specially developed for vehicles with complex bodywork structures having differing lubrication requirements, independent of one another. TriPlus has been designed for multi-purpose and biodegradable NLGI2 grease types and is available with 3, 4 or 8 litres reservoir.

Advantages:

- Fully sealed construction prevents grease contamination
- Standard follower plate in grease reservoir to ensure:
 - No condensation mixed with grease
 - Grease does not suffer ageing
 - The full amount of grease is used
 - The level is clearly visible
- Equipped as standard with electronic memory database
- Standard in cab control light
- Constant metering, irrespective of temperature or grease viscosity
- Easy and fast to install



SPARE PARTS

We offer original spare parts for construction equipment: VOLVO, AKERMAN, SAMSUNG, ZETTELMEYER, RAMMER, D&A, CUMMINS, as well as competitive spare parts for other construction equipment from different producers (Cat, Jcb, O&K, Doosan, Daewoo, Takeuchi, Komatsu ...).

Beside new spare parts, we can also offer you used spare parts for all kinds and makes of construction machinery. Please check our web page: www.usedspareparts.net



Engine parts



Filters



Alternats and starts



Hydraulic systems (parts and components)



Brake systems (parts and components)



Axles



Alternators



Engines



Undercarriage

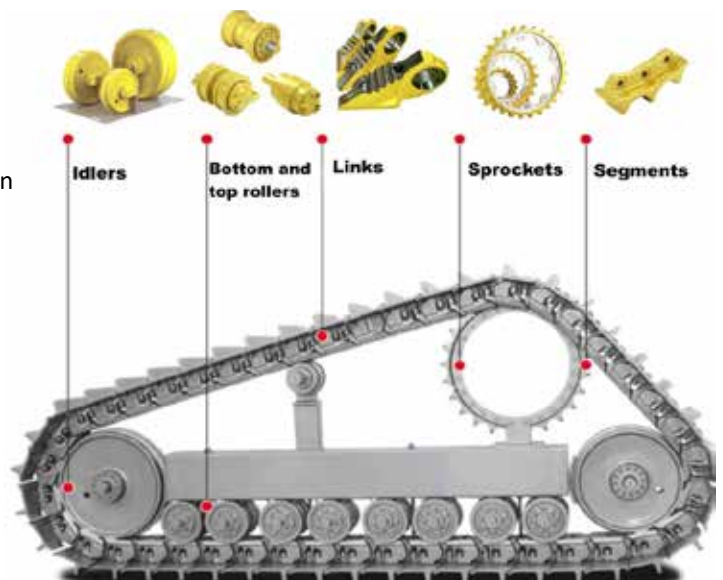


External parts, cabs ... etc.

UNDERCARRIAGE

Undercarriage components for different machines

Undercarriages for different machines: excavators, dozers, loaders on tracks, compact (mini) excavators and all other machines on tracks from different manufacturers: Volvo, Komatsu, Liebherr, O&K, CAT, JCB ...



RUBBER TRACKS FOR MINI EXCAVATORS

HIGH QUALITY FOR GOOD PRICE AND 2 YEARS WARRANTY



High quality Camoplast Rubber Tracks of all dimensions for compact excavators from world's best-known manufacturers: JCB, Komatsu, Hitachi, Kubota, Kobelco, Atlas, Gehl, Nissan, Takeuchi, Pel Job, O&K, Volvo, Yanmar...

Next manufacturers choose Camoplast Rubber tracks as a first mounted rubber tracks on their machines:



In Balavto Company, we have a large stock of rubber tracks of all dimension, for mini excavators of all well known manufacturers



TYRES FOR MACHINERY

Tyres for dumpers, wheel loaders, wheel excavators and other wheeled machinery

We have high quality radial tyres for dumpers and loaders **IN STOCK!** Dimensions: 15.5R25, 17.5R25, 20.5R25, 23.5R25, 26.5R25, 29.5R25

Warranty: 18 months



65 - series

Series low profile radial tires, which are the result of cutting-edge achievements in the field of tires for construction machinery and efforts to increase efficiency and reduce tire costs.

Low profile, radial tyre - **750/65R25** maximum stability flotation.



We have new and used 750/65R25 tires.



Also OTR tyres available

Renewed tyres for machinery

We also have renewed tires for machinery. Renewed tyre reduces your costs, prolong the life of the tire and thus the efficiency of your machine.



Tyres 10.00 - 20

Multi-purpose tires for construction and farm equipment. They are used for driving on and off road. Designed in a way that allows self-cleaning in case of stiked material (for example soil). They have a very high traction, irrespective of the weather and the conditions on the site.

Robust and resistant 10.00-20 tire for Construction equipment



For more info about tires, please contact us directly:

Contact: Tadej Čoha
tel. +386 5 365 99 14

Protective chains

A Tyre Protection Chain is a close mesh of high-alloy, hardened steel chains. It protects the tread and sidewalls of the tyres. The flexible design of the chains let them adjust to every tyre deformation. Their high level of self-cleaning prevents the tread mesh becoming filled and clogged, which contributes to achieving the best possible road-holding and traction.

Different types of chains are suitable for different conditions:

- Hexagon chains: forestry, snow, mud, recycling, scrap.
- Square chains: limestone, marble, travertine, coal, earth moving.
- Traction chains: mud, snow, forest.



Spark Arresters

Spark arrester is mounted on the exhaust system of the machine and it prevents the escape of sparks. It is indispensable for working with the machine wherever there is a danger of ignition: at work with sawdust, at waste dumps, etc...



Aluminium loading ramps

Different capacity and dimensions of aluminium platforms for loading machines on trailer or a truck!

We always have loading ramps of different dimensions and capacities in stock.



SERVICE



Our service vehicles

After buying the machine on Balavto Ltd. you get, not only an excellent piece of equipment, but also a possibility of using our complete support which includes:

- maintenance and service works,
- giving the advices and recommendations (about machinery, parts...),
- fast parts supply (used, new or renewed spare parts for all kinds of machinery).

The highest importance of our service department is to keep the machine's original characteristics with regular service for newer and used machines:

- We guarantee fast deliveries and services, wherever you are despite the producer of your machine.
- We also eliminate troubleshooting in construction site and help you with ordering the right spare part for your machine.
- Our service team carries out assembling of remanufactured components, spare parts and variable attachments for machines in our service department and in construction fields. Our service team is equipped for various connections and hydraulic hoses assembling.



MACHINERY RENT

Beside sales of new and used construction equipment we also offer a possibility of renting them as well as renting required attachment. Call us and we will together find the right solution for you.



TRANSPORTATION



We offer and perform transportation of the extreme dimensions and weights load (heavy machinery) in following countries: Slovenia, Austria, Germany, Sweden, Netherlands, Belgium, Poland, Check Republic, Romania, Hungary, Croatia, Bosnia and Herzegovina, Serbia, Montenegro and to other countries in accordance to an agreement.

Contact person: Niko Bajec, mob. +386 31 381 694



Our trucks and trailers used for transportation

3-axle hauler with 3- axle semitrailer with fixed ramps



Max permitted load: 35 t Loading height: 0,9 m
Loading width: 2,5 - 3 m Loading length: 12,5 m

3-axle hauler with 5-axle semitrailer with fixed ramps



Max permitted load: 60t Loading height: 0,9 m
Loading width: 2,5-3m Loading length: 12,5-18m

3-axle hauler with 3-axle low semitrailer



Max permitted load: 35 t Loading height: 0,45 m
Loading width: 2,5 - 3m Loading length: 5-8,2 m

Container transportation

Machinery transportation in containers is also possible. We perform all activities needed for container transportation, which includes:

- Machine disassembling and preparing for loading.
- Loading the machine into container.
- Transportation to the port from where transport by ship will take place.



BALAVTO



**All you need for your construction
machinery at one place!**

**Balavto d.o.o. Ajdovščina
Tovarniška cesta 5b
5270 Ajdovščina, Slovenija**

**Tel: +386 5 365 99 00
Fax: +386 5 365 99 23
e-mail: info@balavto.si**



www.balavto.com