



Attachments Customizing

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WARRANTY POLICY

COSBEN warrants all attachments manufactured by COSBEN to be free from defects in material and workmanship: This warranty does not apply to any item which is warranted directly to the end user by its manufacturer.

WARRANTY PERIOD

The warranty period shall be 12 months or 2000 hours starting from the date of the invoice.

COSBEN Responsibilities:

- If a defect in material or workmanship is found during the warranty period, COSBEN will, during normal hours and at a place of business of an COSBEN dealer or other authorized source:
- Provide (at COSBEN's choice), new or remanufactured or COSBEN-approved, replacement parts to correct the defect.
- Replace lubricating oil, filters, antifreeze and other service items made unusable by the defect.
- Provide labor needed to correct the defect except in the case of attachments installed by other than an authorized dealer of heavy equipment. In that case labor is limited to repair only, and removal and re-installation is the user's responsibility.

INSTALLER RESPONSIBILITIES

The party who installs any COSBEN attachment on a machine is responsible for:

- Adjusting rollback and dump stops so that they contact the machine as prescribed by the machine manufacturer and insuring the attachment clears the machine in all positions.
- Adjusting pressure settings both on the machine and on the attachment to insure normal operation of the attachment and machine combination.
- Pressure testing all hydraulic connections and tightening where necessary.
- Checking and tightening all fasteners and pin locks once the attachment has been tested.
- Insuring that a warranty activation as provided is filled in and sent back to COSBEN.

USER RESPONSIBILITIES

The user is responsible for:

- The costs associated with transporting the attachment.
- Labor costs, except as stated under "COSBEN Responsibilities".
- Local taxes, if applicable.
- Parts shipping charges in excess of usual surface transportation cost as charged by scheduled carriers.
- Costs to investigate complaints unless the problem is caused by a defect in COSBEN material or workmanship; subject to "COSBEN Responsibilities" above.
- Any costs resulting from failure to give COSBEN timely notice of a warrantable failure and promptly making the product available for repair.

LIMITATIONS

COSBEN is not responsible for failures resulting from: and normal wear and tear or:

- Any use which COSBEN judges improper.

- Accessory, items, and parts not sold by COSBEN.
- Abuse, neglect, accident, changes to the product not authorized by COSBEN, and/or improper repair.
- User's unreasonable delay in making the machine available after being notified of a potential product problem.

MISCELLANEOUS

All notices given under or pursuant to this agreement, shall be in writing and sent postage prepaid to COSBEN, 41030, Via Carrate 1d, Bomporto Loc. Solara, Modena, Italy. No terms or conditions, other than those stated herein and no agreement or understanding, oral or written, which in any way purports to modify this warranty shall be binding on COSBEN, unless approved in writing by an officer of the company.

PROCEDURE

When a failure occurs you must notify COSBEN immediately to obtain authorization to carry out repair:

- Recommended repairs are to be discussed and agreed to by COSBEN.
- An estimate of repair hours and costs must be established.
- Repair parts will be ordered by customer purchase order at this time. Parts will be invoiced by COSBEN and reimbursed under the terms of this warranty policy if applicable.

DAMAGED PARTS

All damaged parts must be returned prepaid to COSBEN in 41030, Via Carrate 1d, Bomporto Loc. Solara, Modena, Italy, unless directed otherwise by COSBEN.

- Damaged parts become the property of COSBEN.

WARRANTY CLAIM

Your warranty claim must contain the following information:

- COSBEN attachment serial number.
- Model and Description of the COSBEN attachment.
- Machine serial number.
- Description of the machine.
- Date claim is prepared.
- Delivery date to the original user.
- Date of failure and repair.
- Hours of use on the attachment, (often the same as machine hour meter).
- Your internal reference or claim number.
- An accurate accounting of the work done. Photographs from before and after the repair are helpful in investigating the failure and help expedite your claim.
- Your work order or other documentation to support your claim.
- A listing of parts and raw materials used in the repair. (Please note that we cannot reimburse for parts not purchased from COSBEN.

This warranty is expressly in lieu of any other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. Remedies under this warranty are limited to the provision of material and labor, as specified herein. Cosben is not responsible for incidental or consequential damages.

EXTENSION STICK – PBS

The extension stick, it adapts perfectly to the dipper of the excavator, significantly increasing its working range without affecting the characteristics of the machine itself. Available in different lengths and categories, easy to fit and use, the arm extension is very effective for demolition work, smoothing slopes, construction, dredging, in situations with limited access space, and for environmental applications.



GOOSENECK EXTENSION STICK – PBG

The gooseneck extension stick, it adapts perfectly to the stick of the excavator, significantly increasing its working range without affecting the characteristics of the machine itself. Available in different lengths and categories, easy to fit and use, the arm extension is very effective for demolition work, smoothing slopes, construction, dredging, in situations with limited access space, and for environmental applications.



HIGH REACH DEMOLITION – HRD

Subject to strict conformity testing, the demolition arm was designed to take full advantage of the power of your excavator, enhancing its capabilities. The basic arm is the result of a design project to satisfy the demands of configuration for both medium to heavy digging work, and demolition work. It is equipped with a hydraulic or mechanical quick coupling and the transformation from one configuration to the other is immediate, optimizing operating time and thus offering maximum flexibility in use.



LONG REACH FRONT – LRF

These arms are designed to increase the reach of the standard excavators into long reach front excavators with an excellent operating range and a high lifting capacity. These units are available for the majority of excavators currently on the market and are specifically designed for cleaning slopes, channels, light digging work, and dredging.



OFF-SET BOOM - OB

The Offset Boom it's earned a reputation in the industry as the go-to tool for roadwork. No wonder we call it the ultimate urban machine. The offset boom makes swift work of excavation next to walls or of side ditches, as well as refilling, the large offset makes it easy to dig right next to walls. Added Capabilities Smooth out Any Road Project.



CLAMSHELL TELESCOPIC ARM – TA

Essential for work that requires fast deep digging like foundations, drains, etc. It is suitable for working with clamshell buckets. The design was developed to reduce to a minimum any possible breakage resulting from external contact, like walls, etc. The hydraulic cylinders of the telescopic section are inside the arm itself. Different versions and lengths are available, together with a vast range of clamshell buckets to satisfy all our customers' needs.



SLIDING ARM - SA

For digging deeper with a longer reach
 - Simple structure for easy maintenance;
 - With the arm elongated, the machine can dig to the same depth as machines three classes higher. Proper attachment for restricted job sites where a wide working range is needed. Also slope-finishing work can be done with ease;
 - Thanks to the hydraulic sliding system, the arm telescopes speedily, providing high working efficiency.



FIXED EXTENSION ARM - PF

The fixed extension arm, it adapts perfectly to the stick of the excavator, increasing its working range without modify the characteristics of the machine itself. Available in different lengths and categories, easy to fit and use, the fixed extension arm is very effective for smoothing slopes, construction, dredging, in situations with limited access space, and for environmental applications.



FORESTRY XTENDER STICK - XF

The forestry xtender stick, it adapts perfectly to the link of the excavator, significantly increasing its working range without affecting the characteristics of the machine itself. Available in different lengths and categories, easy to fit and use, the forestry xtender stick is very effective in the forestry condition, in situations with limited access space, and for environmental applications.





HYDRAULIC QUICK COUPLING – PL.H

The hydraulic pin lock coupling can be used with equipment of different machine brands. It functions in both front and rear positions. It can be activated exclusively by the operator, without having to leave the comfort of the machine cab. The clear visibility of the locking mechanism ensures safe coupling.

EN474 · All COSBEN product have always complied in full with the EN474 standard



GENERAL PURPOSE BUCKET – ST

The most widely used and versatile of all buckets, available in various sizes and widths. The base blade and the side cutters in 400 BHN steel ensure the necessary toughness for all routine work. Suitable for digging ditches and trenches and handling light to medium weight materials.

Digging and loading loose and semi compacted material such as earth, sand, gravel and clay.



HEAVY DUTY BUCKET – HD

Versatile and available in different widths, it differs from the General Purpose bucket for the use of 450 BHN grade steel. It has additional reinforcing in the areas subject to maximum loading. The Heavy Duty Bucket is suitable for digging in partially rocky ground and for handling quite heavy materials.

Digging and loading compacted and semi-abrasive materials such as mixtures of earth, rock, sand, gravel and clay. Also suitable for plain coal, chalk and other low abrasion ores.



ROCK BUCKET – RC

Made entirely in 450 BHN steel and with additional reinforcement in the areas most subject to loading, the Stone Bucket is designed for very hard ground (e.g. stone quarries), for excavating rocky and highly abrasive terrain, and for all other applications that require particularly hard wear.

Digging and loading hard and abrasive materials like rocky soil, blasted rock and limestone.



HEAVY DUTY ROCK BUCKET – EX

Made entirely in 450 BHN steel and with additional reinforcement in the areas most subject to loading, the Stone Bucket is designed for very hard ground (e.g. stone quarries), for excavating rocky and highly abrasive terrain, and for all other applications that require particularly hard wear.

Aggressive digging and loading in highly abrasive materials such as granite and basalt.



STONE BUCKET – SC

Made entirely in 450 BHN steel, the STONE BUCKET is designed for moving and loading heavy materials, boulders, blocks of marble, etc. of significant size. Its special elongated shape and toughness ensure maximum support and deep penetration in any type of terrain. Available with or without replaceable teeth.

Aggressive digging and loading in highly abrasive materials such as granite and basalt.



HEAVY DUTY QUERRY BUCKET – QB

Made entirely in 450 BHN steel, the HEAVY DUTY QUERRY BUCKET is designed for moving and loading heavy materials, boulders, blocks of marble, etc. of huge size. Its special elongated shape and toughness ensure maximum support and deep penetration in any type of terrain. Available with AR450 mono-block teeth.

Aggressive digging and loading in highly abrasive materials such as granite and basalt.



DITCH CLEANING BUCKETS - PS

This bucket has a very wide base and lateral draining holes. It is ideal for maintaining, shaping, and cleaning channels and water courses and smoothing banks. It is also suitable for loading, levelling, and filling with loose materials.

Cleaning and loading loose and semi compacted material such as earth, sand, gravel and clay.



PROFILE BUCKET – TR

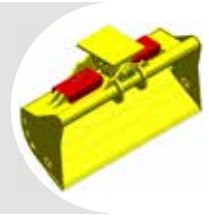
Essential for longitudinal digging of channels. It has a fixed base width with side blades that extend beyond the bucket itself. The sides are angled for shaping precisely profiled embankments. The bucket side angle can be adjusted by the operator.

Digging and loading loose and semi compacted material such as earth, sand, gravel and clay.

TILTING BUCKET – OR

Relative of the Ditch Bucket, it has a very wide base and is suitable for clearing channels and/or smoothing slopes and embankments to a precise profile. However, thanks to its enormous versatility (tilting 45 degrees on both sides in relation to the axis of the arm), it can operate independently of the machine support surface and therefore in very demanding conditions.

Cleaning and loading loose and semi compacted material such as earth, sand, gravel and clay.

**DIGGING TILTING BUCKET – OS**

Relative of the Ditch Bucket, it has a very high base and is suitable for ditching channels and/or smoothing slopes and embankments to a precise profile. However, thanks to its enormous versatility (tilting 45 degrees on both sides in relation to the axis of the arm), it can operate independently of the machine support surface and therefore in very demanding conditions.

Digging and loading loose and semi compacted material such as earth, sand, gravel and clay.

**SKELETON BUCKET – GR**

A special mesh structure bucket made entirely in 400 BHN steel. It is particularly good for selecting stony materials or separating coarse materials from fine, like for example separating sand from gravel at demolition sites.

Sorting and loading loose and semi compacted material such as earth, gravel and rock.

**RIPPER BUCKET – BR**

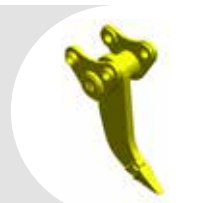
With its special shape, the Ripper Bucket is ideal for working on very hard terrain. The offset alignment of the teeth concentrates the force initially on the central tooth and then on the two lateral ones, increasing penetration in hard working conditions.

Aggressive digging and loading in highly abrasive materials such as granite and basalt.

**RIPPER TOOTH – RI**

The Ripper Tooth accentuates the tearing capacity when the digger operates on rocky ground, for the removal of rocks, etc. It reduces the excessive force that might be applied to a machine using a normal bucket. Made entirely in 400 BHN steel, it is designed for the most demanding work conditions.

Aggressive digging and loading in highly abrasive materials such as granite and basalt.

**TWIN SHANK RIPPER BUCKET - TS**

Its unique design provides aggressive ripping for severe conditions, increasing production and extending bucket life. It does not impede normal bucket operations, allowing you to alternately rip or pick up with a simple movement of the pins from the bucket bracket without loss of time changing from bucket to ripper. The Twin shank rippers bucket provides the muscle your in the rock shale, sandstone, blacktop removal, root systems, permafrost, frozen or other severe subsoil conditions.

Aggressive digging and loading in highly abrasive materials such as granite and basalt.

**BUNCHING GRAPPLE - BG**

Appreciated by forestry contractors for their versatility, bunching grapples excel in loading and unloading short and long wood in the forest. Our bunching grapples are designed so that their jaws do not extend beneath ground level when the grapple closes, leaving branches and dirt on the ground. Their jaws also intersect, providing a firm grip on small logs as well.

**CLAMSHELL BUCKET - CS**

The hydraulic clamshell bucket with double or quadruple hydraulic cylinders/rams mounted on the outer rim of the bucket provide excellent digging force. The inner side of the bucket has a smooth surface for easy unloading of high viscosity material such as mud and clay, while the outer layer is reinforced with additional layer of wear strips. The bowl's radius has been optimized to match with the locus of the hydraulic cylinder/ram to deliver consistently full load for maximum productivity.

Digging and loading loose and semi compacted material such as earth, sand, gravel and clay.





MATERIAL HANDLING BUCKET – GP

The most widely used and versatile of shovels, it is available in different widths and capacities. The General Purpose Shovel is available with blade and blade protection for free road circulation. As an option it can be supplied with a bolted blade protector. It is intended for handling light to medium weight materials.



GENERAL PURPOSE BUCKET – GP

With its aggressive design the Building Shovel is the most widely used tool on building sites. It is available in different widths and capacities. The shovel is produced with teeth for improved penetration and is equipped with protection for free road circulation. Its intended use is moving substantial loads like bricks, cement, scrap, rubble, etc.



4 IN 1 MULTIPURPOSE BUCKET – MB

Multifunction buckets serve a variety of different applications including loading, scraping, levelling terrain, and gripping objects with the clamshell. The clamshell has an opening of 85° to 90° offering full access to the dozer side of the bucket. The buckets can be supplied with welded teeth, or with bolted blade protectors.



LIGHT MATERIAL BUCKET – LM

The light materials bucket is designed for loading loose material of maximum specific weight of 700 Kg/m³. The bucket is suitable for handling sawdust, cereals, snow, etc. A wide range of high dump buckets are available from 3.0 to 7.5 m³, for wheeled loaders of 120 Hp to 300 Hp.



LIFTING ARM – PC

Available in different lengths and lifting capacities, the Lifting Arm is suitable for handling, loading, and positioning materials requiring hooking.



TRUSS BOOM – JH

Available in different lengths and lifting capacities, the truss boom is suitable for handling, loading, and positioning materials requiring hooking.



FLOATING SHAFT FORK – FLL

Floating shaft forks can make it easier to move things around with a machine. The tines on floating shaft forks are attached only at the top of the tine which allows for easier adjustment of the forks.



PALLET FORK FRAME – FL

Compact equipment provides tremendous carrying capacities in a small package. Move bulky, bagged or palletized material quickly and easily with the pallet fork attachment. Adjustable forks load and unload, lift and carry, move and place materials around a variety of jobsites. Put it to work on applications such as industrial plant and landscaping work, construction sites, farm chores, fertilizer handling, and municipal projects.



GRAPPLE BUCKET – GB

The bucket with grab is particularly useful for loading light scrap metal, like aluminium, tin, and similar volume materials. When penetrating the materials the grab is kept fully open. The clamshell bucket is particularly useful for loading bulky materials of low specific weight, like for example biological waste, urban refuse, plant cuttings, bulky refuse, etc.

LOG GRAB – FT

Designed exclusively for handling and stacking large and small diameter high density logs, the wide spacing of the prongs ensures the stability of the load and the two independent upper closures makes it possible to grip trunks of variable thickness. This tool requires the 3rd hydraulic function.

**FLOATING BALE SPIKE – BF**

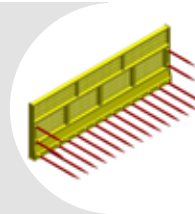
The Bale Fork is available with two or three prongs and is essential in agriculture for handling bales of hay or straw, both rectangular and cylindrical.

**MANURE FORK – MF**

A tool designed for gathering up solid manure or vegetation, available with or without claw. The lower folding prongs allow easy extraction of the fork from heaps of manure or similar materials.

**SILAGE FORK - SF**

The green forage fork is our heaviest and strongest attachment for pushing silage into stock with very big wheel loaders.

**HYDRAULIC ANGLE DOZER BLADE - HB**

Tilting up to 25 degrees on both sides, it is suitable for shifting snow, rubble, levelling ground, and creating columns of material. It must be used for straight line operation. Inclined up to 25 degrees on both sides, it is more efficient than any other bucket for shifting snow, leveling ground for filling, piling hay into small sheaves, or forming rows of material. Available for wheel loaders, telescopic machines, and backhoe loaders. Configurations available for: General purpose use.

**SQUARE BALE SPIKE CLAMP - SB**

The Square Bale Spike Clamp is designed to stack square bales. The bale spike consists of a central rigid box section frame with brapple in up, in the grapple there are curved tines for fix as well the bale, the grapple work with two double acting hydraulic cylinders.

**FLOATING YARD SCRAPER - LF**

The yard scrapers are an ideal choice for thorough cleaning of concrete floor surfaces in livestock buildings and yards, improving hygiene and providing safer and less slippery floors. The Yard Scraper offers a fully floating design to scrape uneven surfaces. Designed for offers greater advantages over conventional, lighter duty scrapers.

**SAFETY WORK PLATFORM - WP**

The work platforms are a simple to use alternative to other types of elevated working platforms that will enable staff to use the lifting potential of your machine to get them into a place where they can carry out inspection or maintenance work at a high level. The platform provides staff with a decent sized place in which to work, you will be able to carry out a wide variety of tasks that otherwise would have required a specific platform.





HYDRAULIC QUICK COUPLING – AG – WL

The hydraulic quick coupling allows tools to be fitted in a few seconds. Designed for use with specifically prearranged Cosben or Volvo equipment, the coupling maintains all the high technical characteristics of the excavator. The only requirement, if you do not own the above tools, is a special coupling adapter kit for fitting your tool.



GENERAL PURPOSE BUCKET – WL

This is the most widely used and versatile shovel, available in different widths for different machines. The base blade and lateral cutters in wear-resistant steel guarantee the toughness required for all routine work. Its intended application is for the handling of light to medium weight materials.



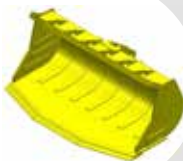
MATERIAL HANDLING BUCKET – WL

This is the most widely used and versatile shovel, available in different widths for different machines. The base blade and lateral cutters in wear-resistant steel guarantee the toughness required for all routine work. Its intended application is for the handling of light to medium weight materials.



ROCK BUCKET – RC

Made entirely in high strength steel, the Rock Shovel is designed for very hard ground, moving stony and highly abrasive terrain, and all other applications when extreme wear resistance is required. Available with V or straight blade and in different widths to suit different machines.



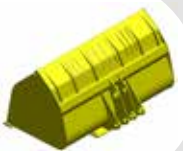
SPADE NOSE SLAG BUCKET – SS

The Slag Bucket designs to fit your operation. Loading Processed Slag, Breaking hard cold Slag, Breaking Cooling Slag, or handling Molten Slag. With options including choice of cutting edge, teeth, hard facing, and tungsten carbide protection.



4 IN 1 MULTIPURPOSE BUCKET – MB

Multipurpose buckets are adaptable tools covering a range of uses including loading, scraping, levelling ground, and gripping objects with the clamshells. The bucket clamshell has an opening of 85° to 90° offering full access to the dozer side of the bucket. The buckets can be supplied with welded teeth or bolted edge guards.



LIGHT MATERIAL BUCKET – LM

The light materials shovel is designed for loading loose materials of maximum specific weight of 700 Kg/m³. The bucket is suitable for handling sawdust, cereals, snow, etc. A wide range of high dump buckets are available from 3.0 to 7.5 m³, for wheeled loaders of 120 Hp to 300 Hp.



HIGH DUMP LIGHT MATERIAL BUCKET – AS

The High Dump Light Material Buckets feature greatly increased dump height over standard handling buckets. Whether loading trucks, feeding compactors or just working in the pile, high dump buckets offer the performance you need. The Large Capacity High Dump Bucket loading materials with weight of 700 Kg/cu.m. The digger requires a third hydraulic function to drive the bucket tipping cylinders.

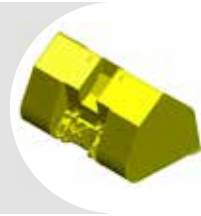


HIGH DUMP GENERAL PURPOSE BUCKET – AS

The High Dump General Purpose Buckets feature greatly increased dump height over standard handling buckets. Whether loading trucks, feeding compactors or just working in the pile, high dump buckets offer the performance you need. The general purpose high dump bucket handling materials of weight up to 1,8T/cu.m. The digger requires a third hydraulic function to drive the bucket tipping cylinders.

LARGE CAPACITIES HIGH DUMP BUCKET – AS

The Large Capacity High Dump Buckets feature greatly increased dump height over standard handling buckets. Whether loading trucks, feeding compactors or just working in the pile, high dump buckets offer the performance you need. The Large Capacity High Dump Bucket loading materials with weight of 500 Kg/cu.m. The digger requires a third hydraulic function to drive the bucket tipping cylinders.



GRAPPLE BUCKET - GB

The bucket with grab is particularly useful for loading light scrap metal like aluminium, tin, and similar bulky materials. When penetrating the materials the grab is kept fully open. The clamshell bucket is particularly useful for bulky materials of low specific weight, like for example biological waste, urban refuse, plant cuttings, bulky refuse, etc.



RECYCLING GRAPPLE BUCKET - GB

Sorting recyclables is a challenge for waste facilities. The grapple bucket is a versatile tool that can be attached to the front of a wheel loader, for the handling and sorting of waste and recyclables. It comes in a variety of different widths and capacities, dependent on the machine size, the product being handled and the general application or environment that it is working in.



LOG GRAB – FT

Designed exclusively for handling and stacking large and small diameter high density logs, the wide spacing of the prongs ensures the stability of the load and the two independent upper closures makes it possible to grip trunks of variable thickness. This tool requires the 3rd hydraulic function.



TOP CLAMP FORK - CF

The double top clamp forks were designed to equip your wheel loader to handle long material such as lumber, pipe and logs. Clamps operate individually to enable a firm grasp of uneven loads on rough terrain. On lifting the top clamps up the equipment can be used as a simple fork frame to move pallets. The tines are manual sliding and heat treated and forged. Available in either pin-on or coupler-equipped configuration. Wheel loader requires third function hydraulics to actuate clamp cylinders.



SWING LOG GRAB - LG

The High Lift Swivel Wood Clamp handles pulpwood in 2–3 m lengths and is mounted on the attachment bracket. It is designed for unloading vehicles to a stack or feeding table. It is also suitable for transporting wood from a stack to a feeding table. The grapple can be positioned at either position depending on the size of the grapple, density and length of timber. The specifications apply for a machine fitted with logging counterweight.



GRAPPLE RAKE – RK

Designed for front loaders and telescopic machines, the fork adapts to the handling and stacking of scrap metal, manure, refuse, wood, and other bulky materials that require a forking action for removal. The independent hydraulic claws provide additional control over the load and increase lifting capacity. Available with direct pin connection or quick coupling connector.



CANE GRAPPLE - CG

The cane grapples are built to handle cane season after season without costly down time or aggravating repairs. They are built of high-strength, weight-saving, abrasion resistance steels to keep grapple weight to a minimum while delivering maximum payloads. The crane grapples are available in capacities designed to match the lift and carry capacity of the loader upon which it will be mounted.



CLEARING RAKE - RK

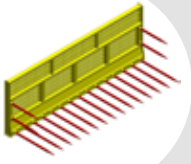
The Clearing Rake transforms your loader into a versatile land clearing tool. Perfect for working with logging slash for biomass fuel collection and site preparation for re-planting. The boxed frame design provides maximum strength and high visibility while long and curved rake teeth offer superior load capacity.





MANURE FORK - MF

A tool designed for gathering up solid manure or vegetation, available with or without claw. The lower folding prongs allow easy extraction of the fork from heaps of manure or similar materials.



SILAGE FORK - SF

The green forage fork is our heaviest and strongest attachment for pushing silage into stock with very big wheelloaders.



GRAIN PUSHER - LP

The Grain Pushers are designed to be used to heap grain, fertilizer and salt, for the larger articulated loading shovels. Variable length telescopic extension, with increments gives versatility. Manufactured to order and available in various sizes up to a maximum reach.



PALLET FORK FRAME - FL

Compact equipment provides tremendous carrying capacities in a small package. Move bulky, bagged or palletized material quickly and easily with the pallet fork attachment. Adjustable forks load and unload, lift and carry, move and place materials around a variety of jobsites. Put it to work on applications such as industrial plant and landscaping work, construction sites, farm chores, fertilizer handling, and municipal projects.



SLIDE LIFTING ARM - LA

The slide lifting arm or jib with hook is generally used when it is required to lift the load from the top rather than lifting from below the load, for example where the fork tines cannot fit under the load. Our lifting arm are available as carriage mounted or q-fit mounted dependant on the lifting application which you require the jib for. Single tine hooks maybe also be a very useful piece of kit which can slide and lock onto a fork tine turning it into a lifting hook, which is easily removed when not needed.



PIPE GRAPPLE FORK - PT

Pipe grapple forks are for bulk handling of long pipe as well as wide and small diameter. Forks have wide tines and are adjustable for added control. Forks have double action for control of the loading and regulated clamping pressure. Grapple arms extend almost completely vertical. Pipe grapples offer double pivot points with six heat treated bushings and pins. The double pivot points adjust to the load size. The wheel loader requires third function hydraulics to actuate grapple function cylinders and clamping. Pipe grapple forks are available in either machine specific pin-on or coupler-equipped configuration.



TIRE MANIPULATOR (TIRE HANDLER) - TM

The Tire Manipulator tool installs and rotates the massive tires on mining and construction equipment. The Tire Manipulator is the safest and most efficient way to move, handle and install the tires required to run your business. We utilize FEA analysis in our Tire Manipulator design to deliver a robust and durable product.

N.B. The present data and descriptions are provided for information purposes only and are not binding for the manufacturer, who reserves the right to introduce any changes and adaptations considered necessary in order to further improve the quality of the equipment.

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



CERTIFICATO

Nr. 50 100 13186 - Rev.001

Si attesta che / This is to certify that

IL SISTEMA QUALITÀ DI
THE QUALITY SYSTEM OF

cosben[®]
EQUIPMENT CONSTRUCTION

COSBEN S.r.l.

SEDE LEGALE E OPERATIVA:
REGISTERED OFFICE AND OPERATIONAL SITE:

**VIA CARRATE 1/D FRAZIONE SOLARA
I-41030 BOMPORTO (MO)**

SEDE OPERATIVA:
OPERATIONAL SITE:

**VIA TABACCHI 6
I-41030 BOMPORTO (MO)**

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI EN ISO 9001:2015

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE

**Progettazione e fabbricazione di attrezzature per macchine
movimento terra e agricoltura (IAF 18)**

**Design and manufacture equipment for earth moving machines
and agriculture (IAF 18)**



SGQ N° 049A SSI N° 055G ISP N° 057E
SGA N° 018D ITX N° 001L LAB N° 0076
SCR N° 009F SGE N° 013M PRD N° 081B
EMAS N° 013P PRS N° 077C

Membro degli Accordi di Mutuo Riconoscimento
EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual
Recognition Agreements

Per l'Organismo di Certificazione
For the Certification Body
TÜV Italia S.r.l.


Validità / Validity

Dal / From: **2017-09-04**

Ai / To: **2018-09-15**

Data emissione / Printing Date

2017-09-05


Andrea Coscia
Direttore Divisione Management Service

PRIMA CERTIFICAZIONE / FIRST CERTIFICATION: 2015-09-16

"LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SORVEGLIANZA PERIODICA A 12 MESI E AL RIESAME COMPLETO DEL SISTEMA DI GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE"

"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEM AFTER THREE-YEARS"

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