



NEGRINI
since 1967 S.R.L.

Dragline bucket

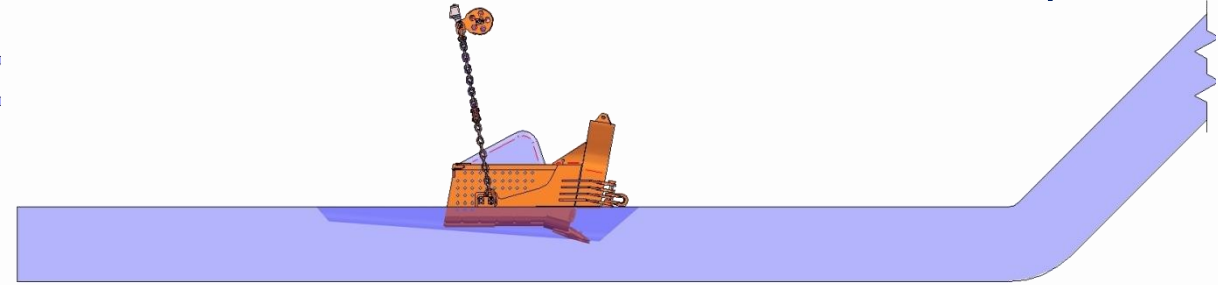
- reduced wear thanks to the use of Hardox type steel
- protection of the more delicate areas with replaceable wear blocks
- use of high quality and widely available Esco teeth
- special chains in alloy material, hardened to resist high loading and wear
- special chain end links made in hardened alloy materials
- large pulling handles made entirely in Hardox steel
- high thickness calendered blades in Hardox steel protected with wear blocks
- Easy low-cost maintenance

Step 1



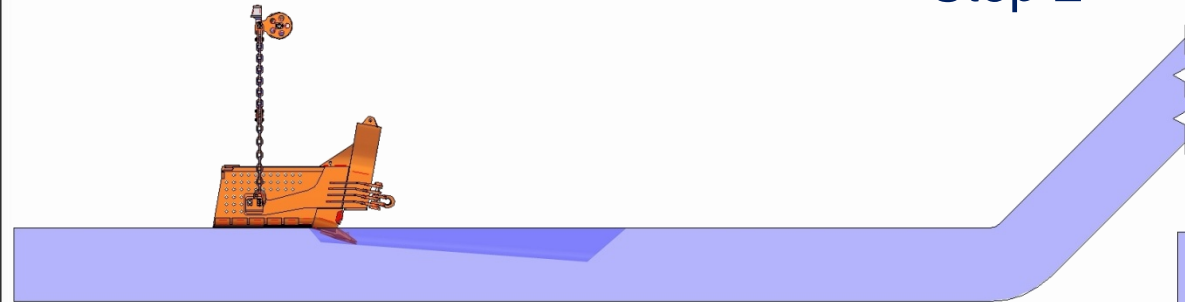
Guide the bucket down to the ground, where the impact must be controlled and not violent

Step 3



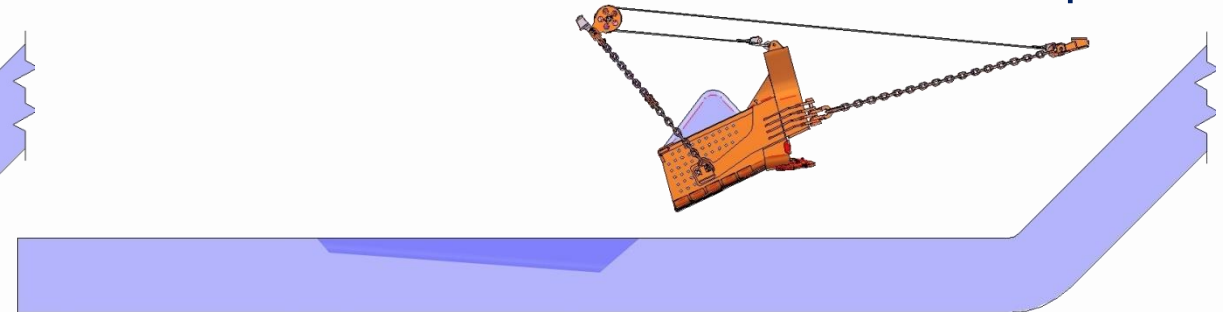
Continue slow traction until the bucket is full (low speed)

Step 2

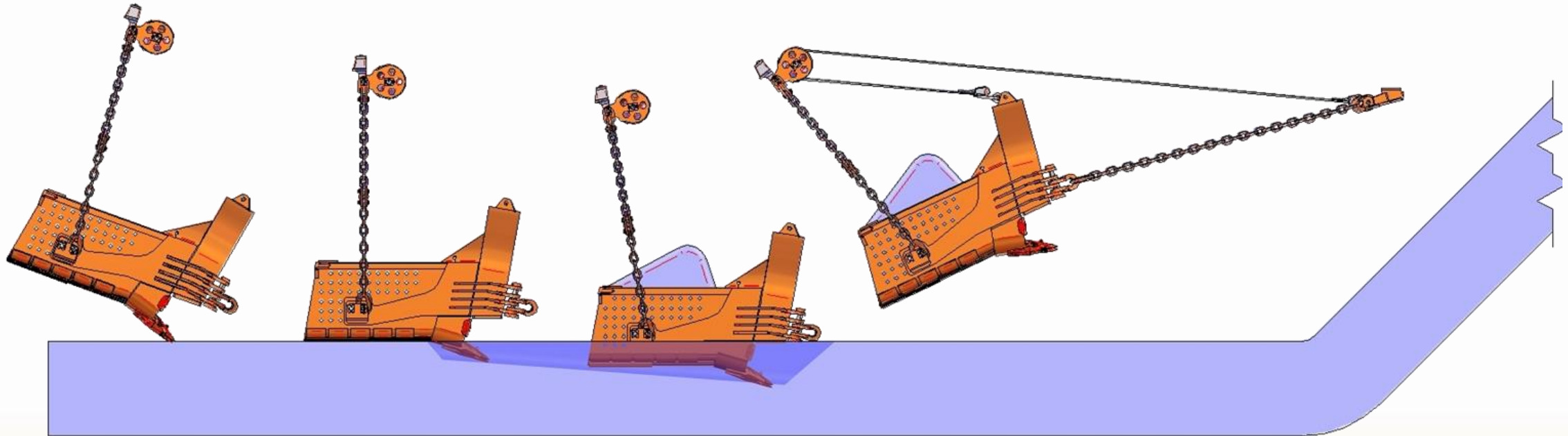
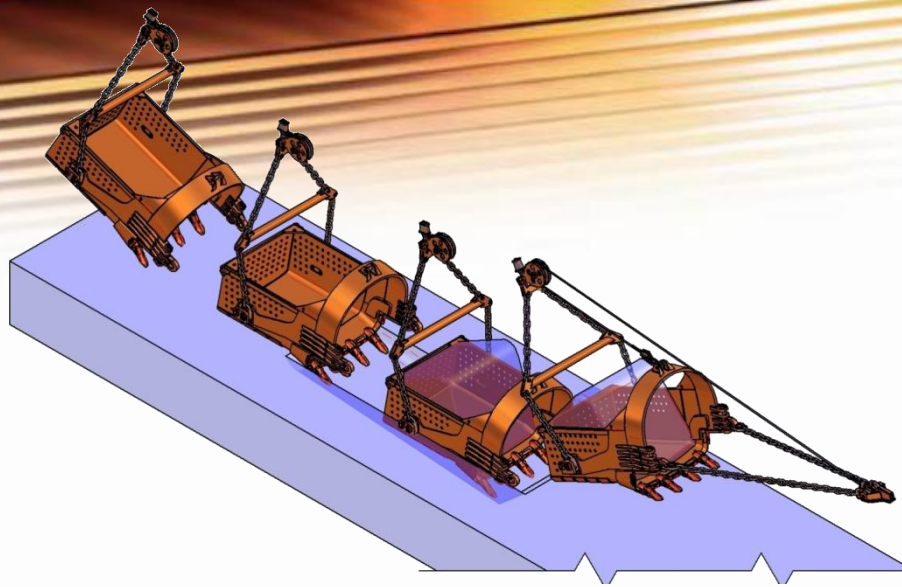


Start traction slowly to allow the teeth to penetrate the ground (low speed)

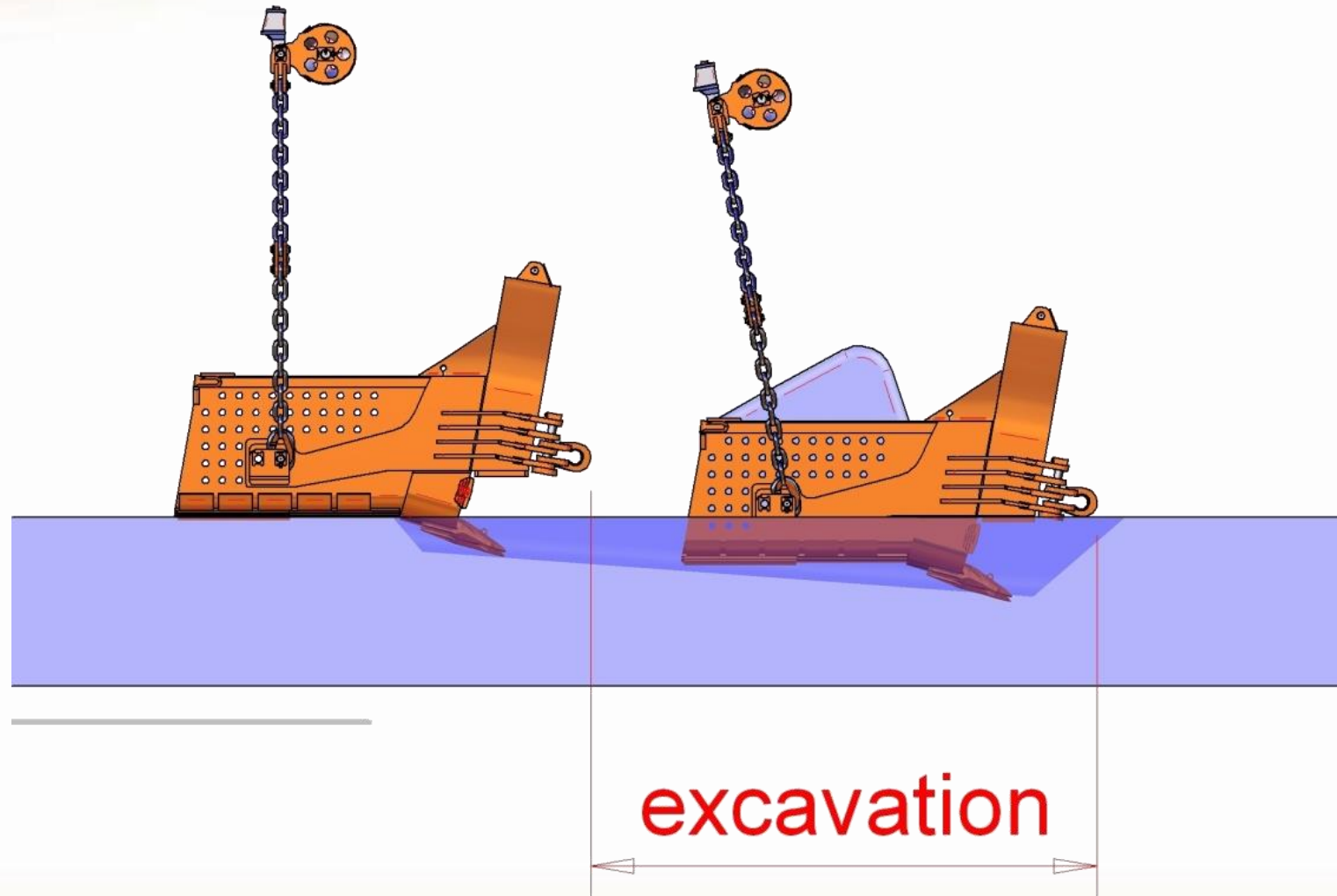
Step 4



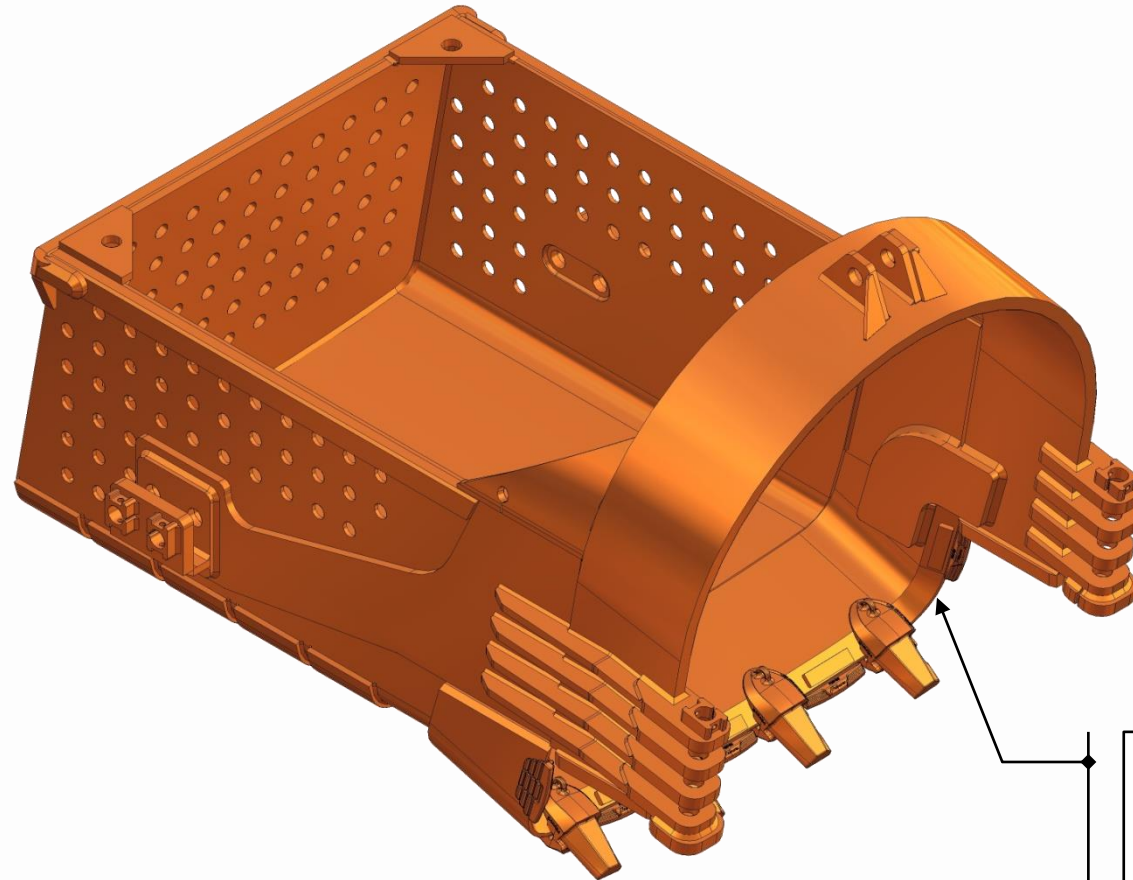
When the bucket is full raise it without interrupting traction. When the teeth rise above the ground the traction speed can be increased (high speed)



The space required to fill the bucket depends on the local environment and the machine configuration, but indicatively 3 to 4 metres or 4 to 5 seconds is sufficient. Lift the bucket when full in order to avoid generating unnecessary and damaging forces.

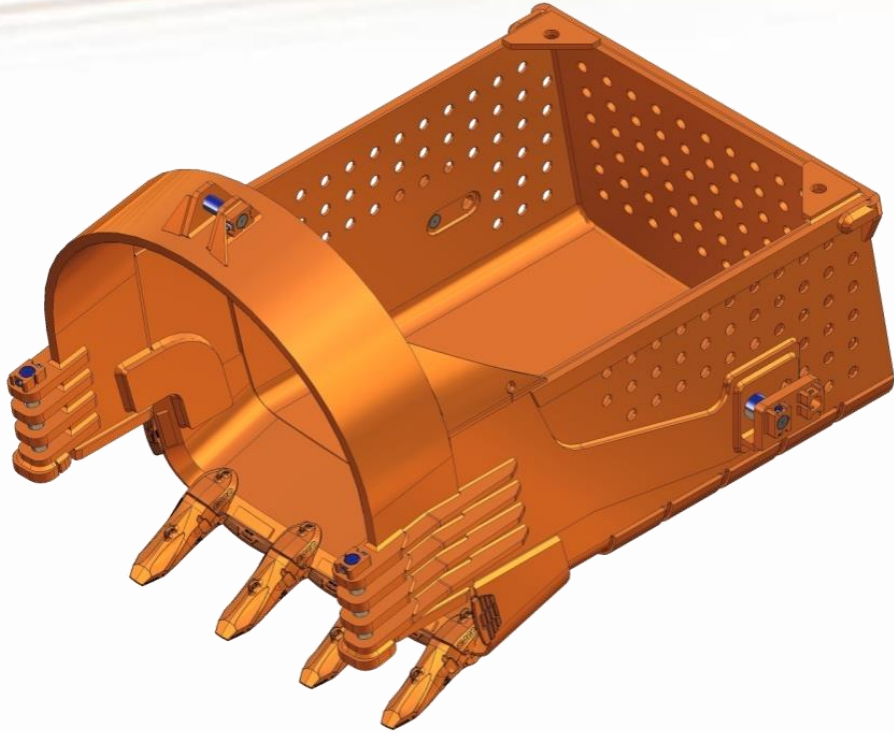


The bucket geometry permits transit of materials without impediment and facilitates continuous emptying when dumping, avoiding the sudden release of materials

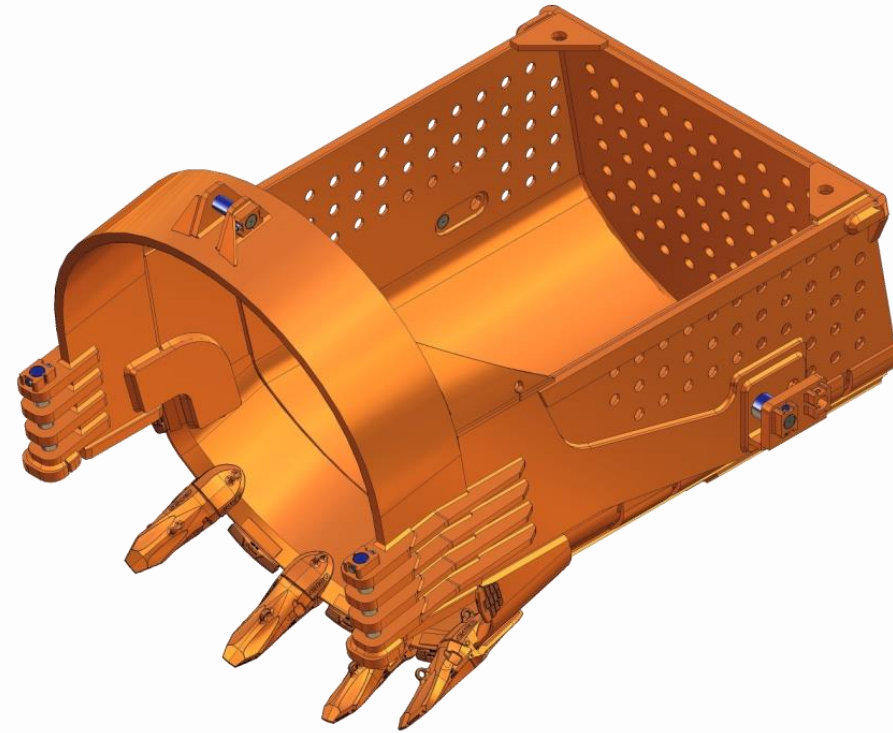


The calendered blade prevents adhesion of materials

SEMICIRCULAR BLADE



(STANDARD) LINEAR BLADE



For marine works on difficult seabeds it is possible to use semicircular blade buckets (dredging model), this shape improves penetration of the terrain and facilitates emptying of materials when dumping

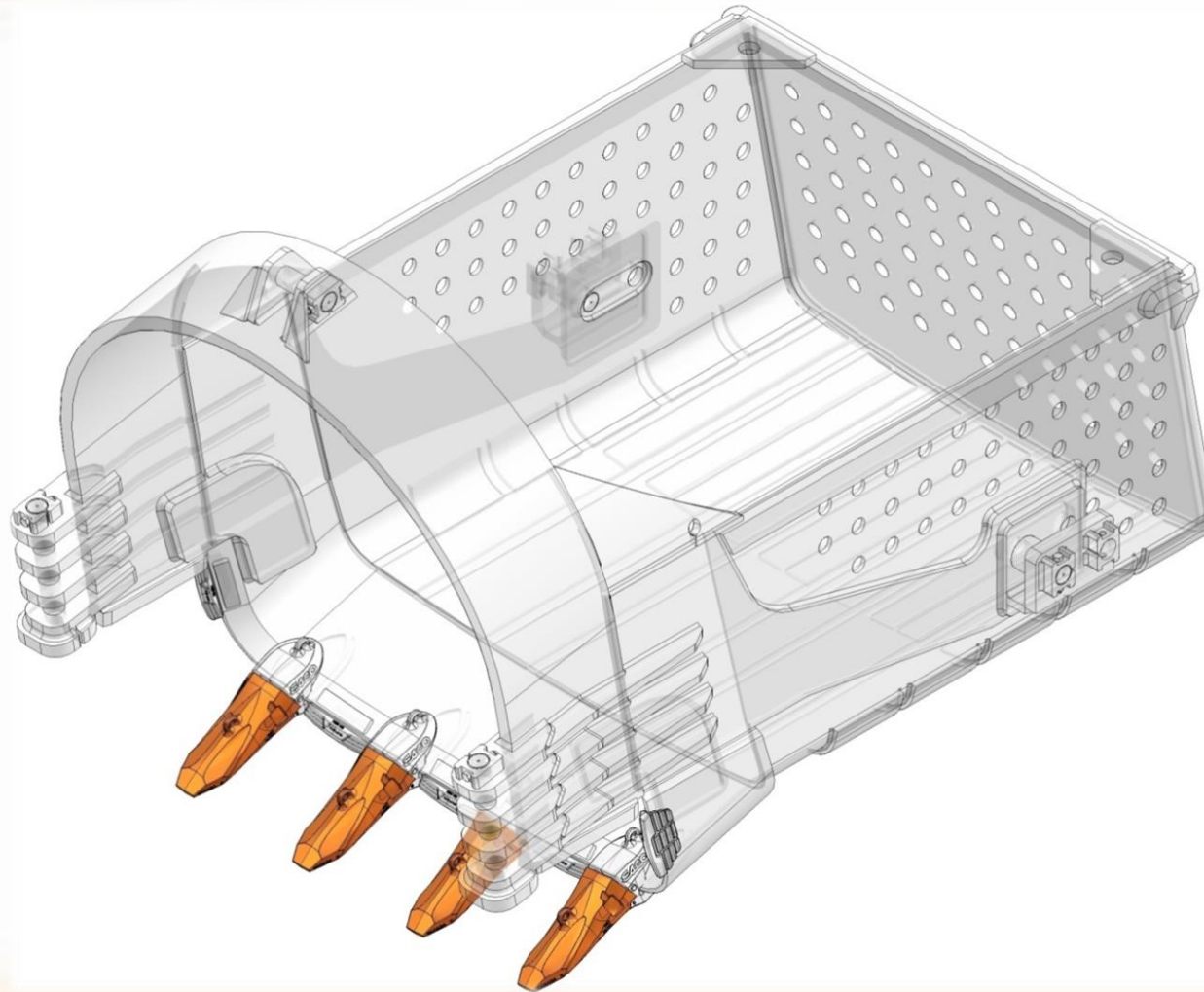


STANDARD



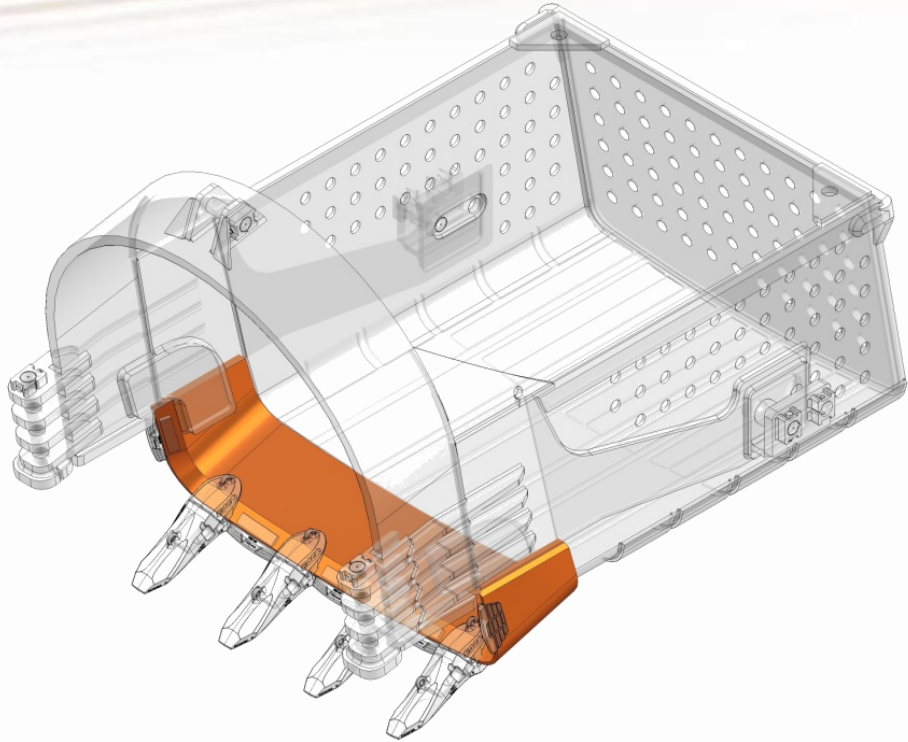
SEMICIRCULAR

The short blade to terrain contact length of the dredging model makes it possible to exert higher concentrated forces, generating more pressure per linear millimetre for maximum penetration into the terrain, an important factor especially in marine works, when a component of the penetrating force is countered by the upward pull of the dragline

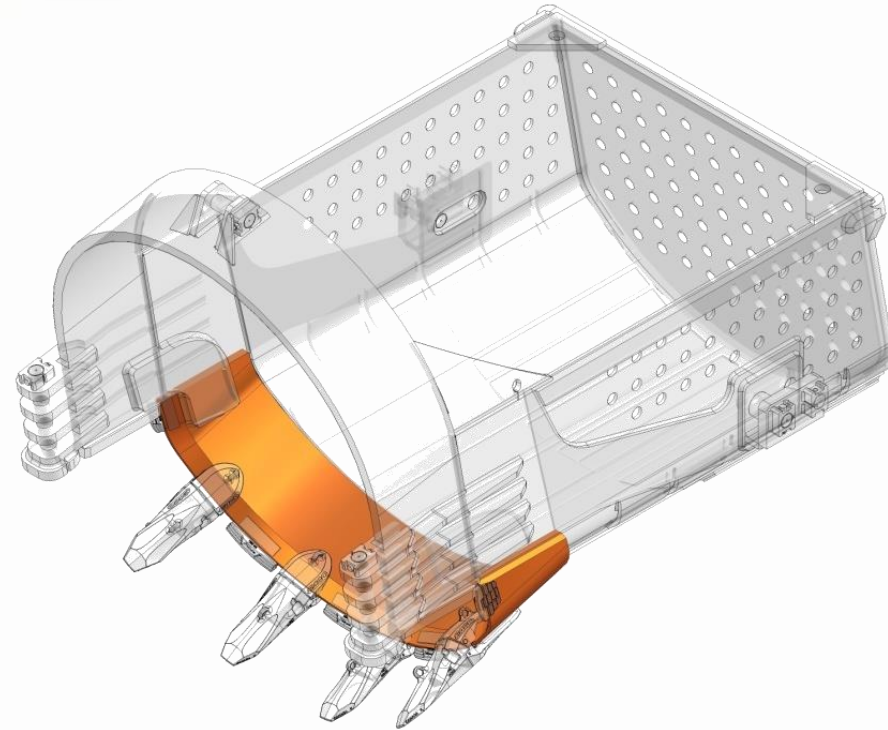


The use of Esco type teeth ensures availability everywhere and the possibility of changing model depending on the dig and the type of materials to be handled, exchanging the teeth with others of different shape

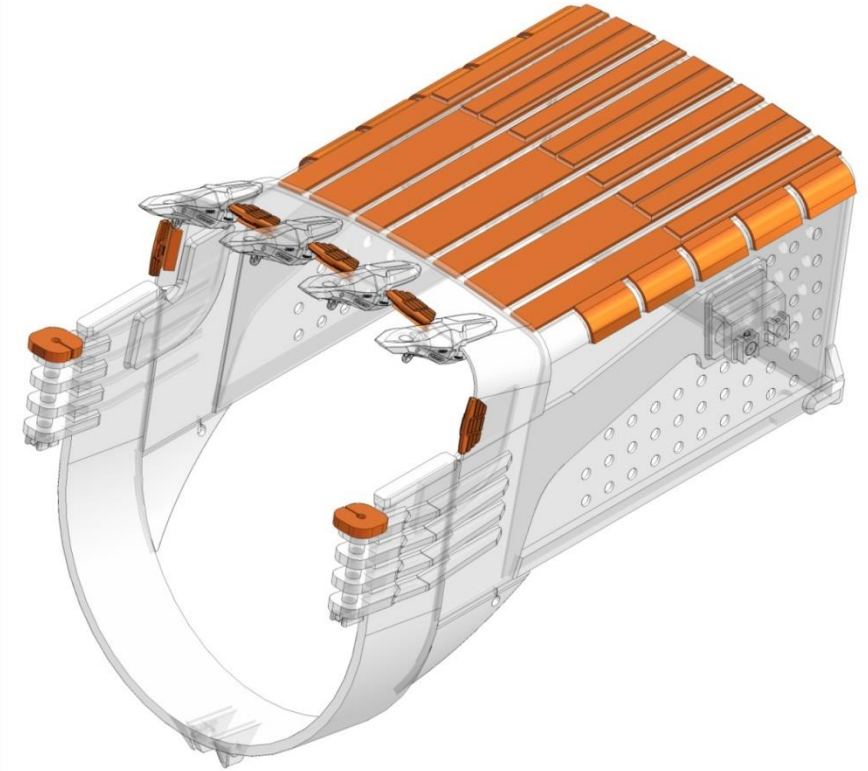
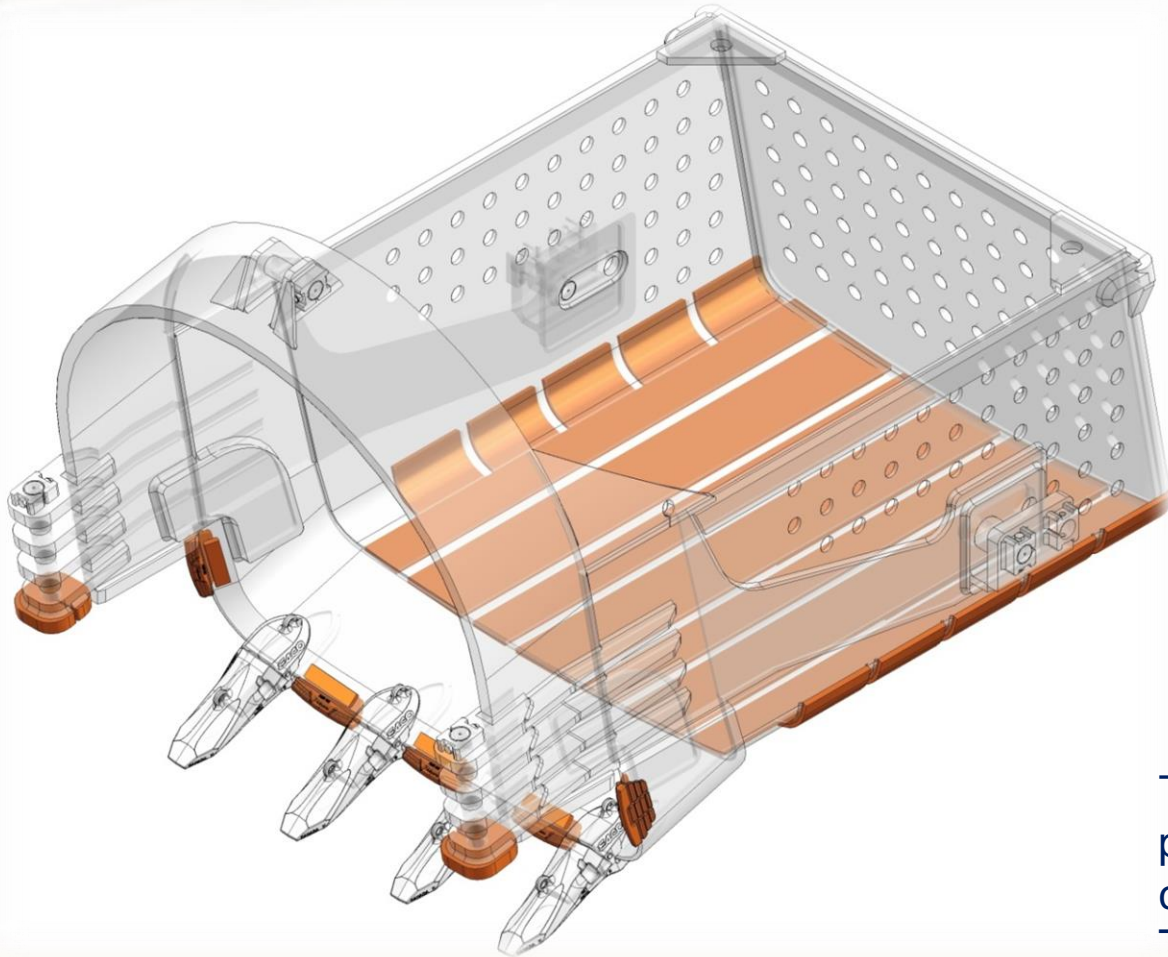
Semicircular Blade



Linear Blade

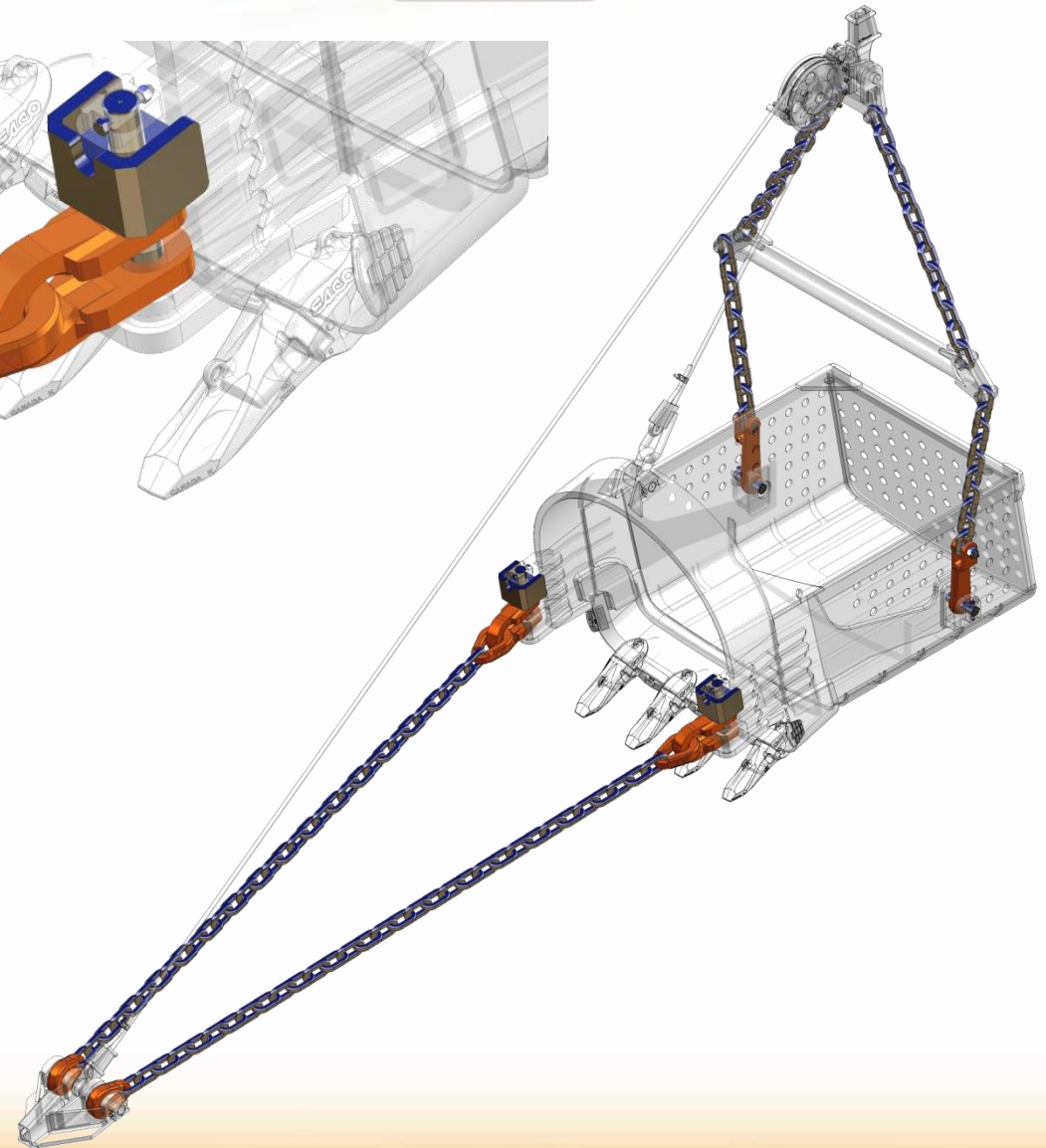
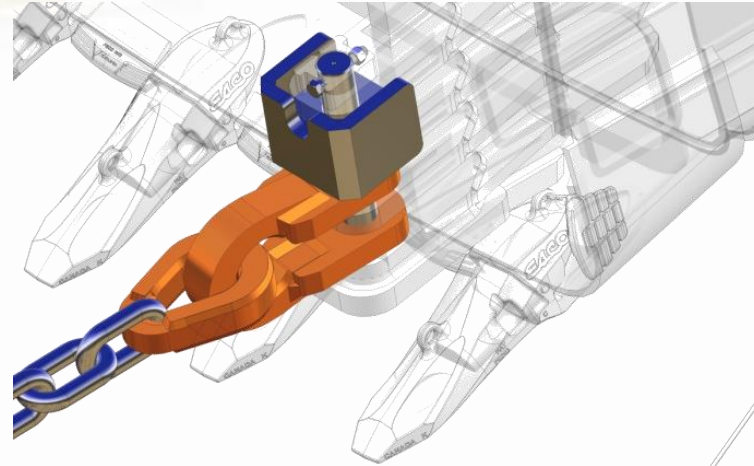
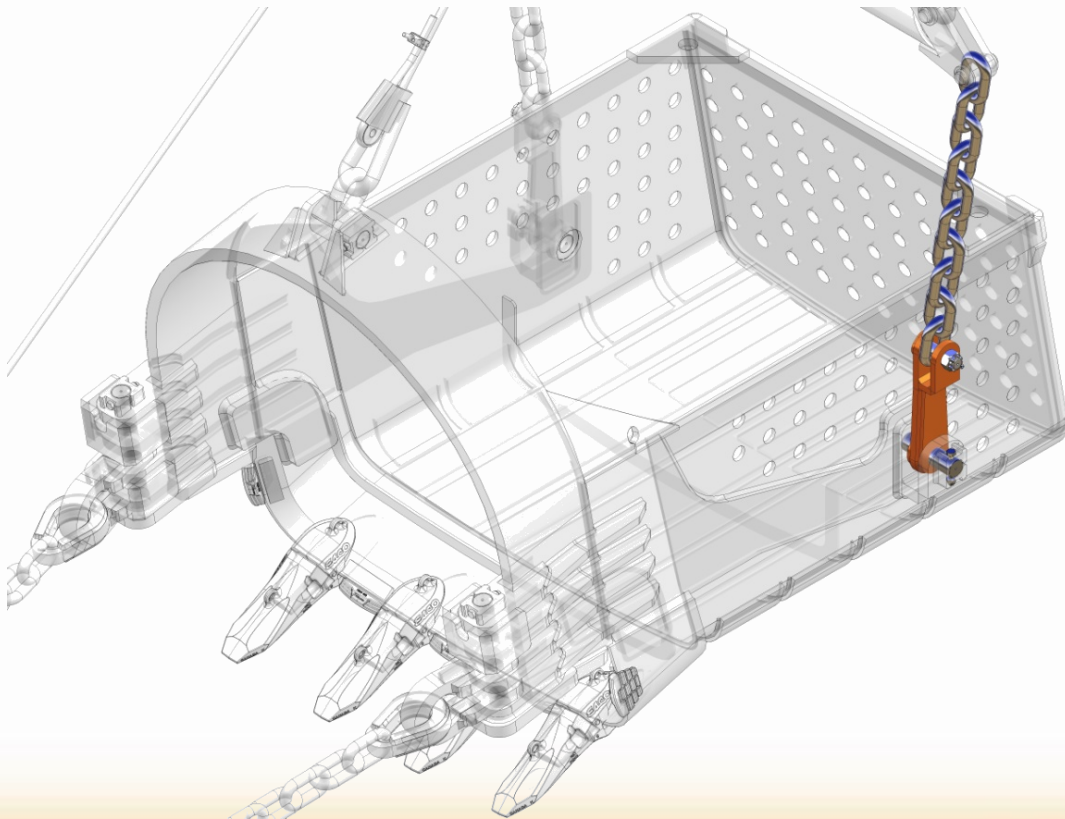


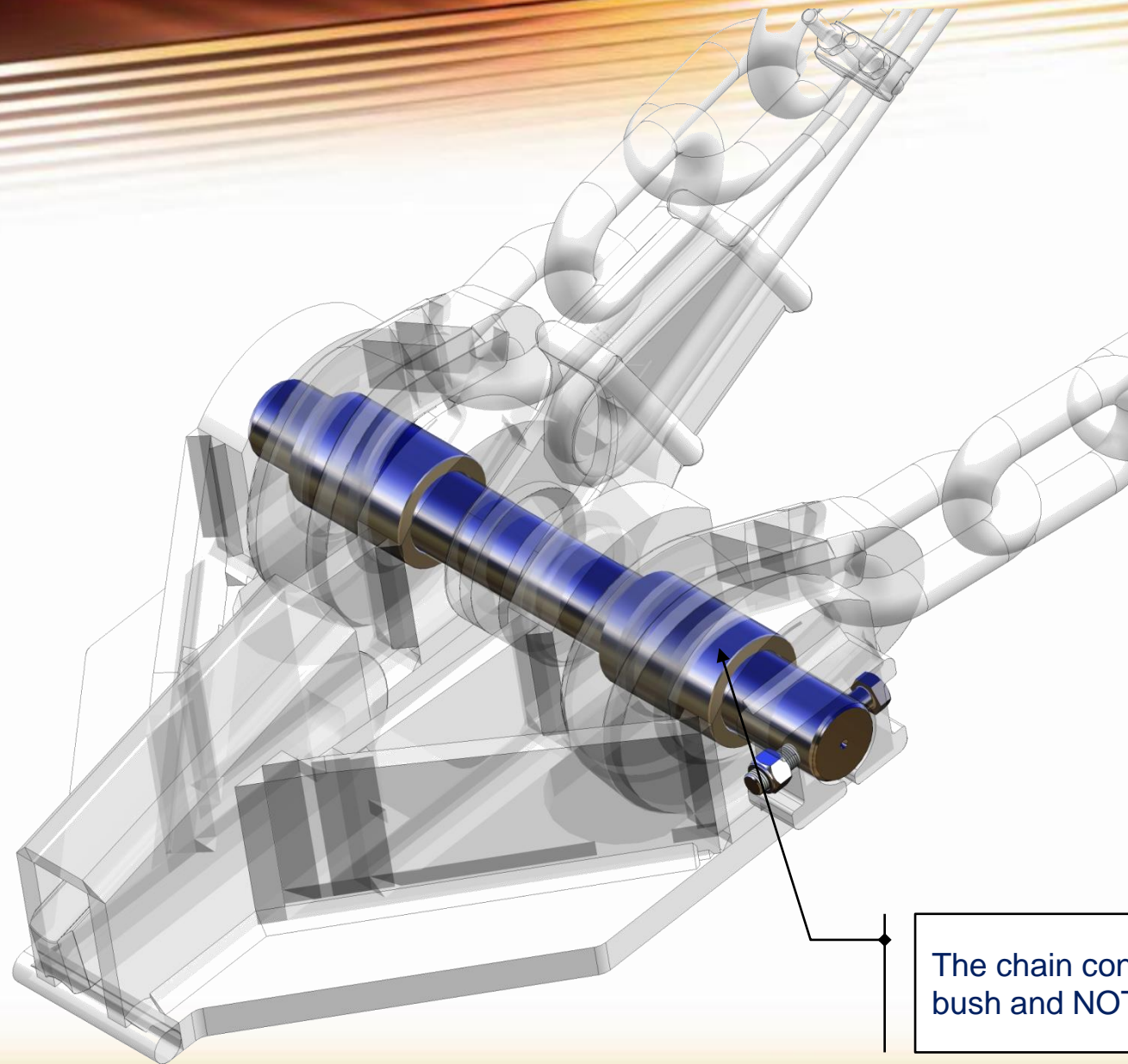
All the blades are made using Hardox steel, cut, chamfered, and then calendered using advanced techniques. This operation ensures the required shape as well as impact and wear resistance



The bucket is “armoured” at the points subject to particular wear with Hardox plate and extremely hard cast blocks normally used in the earth moving sector. These blocks can be replaced if necessary.

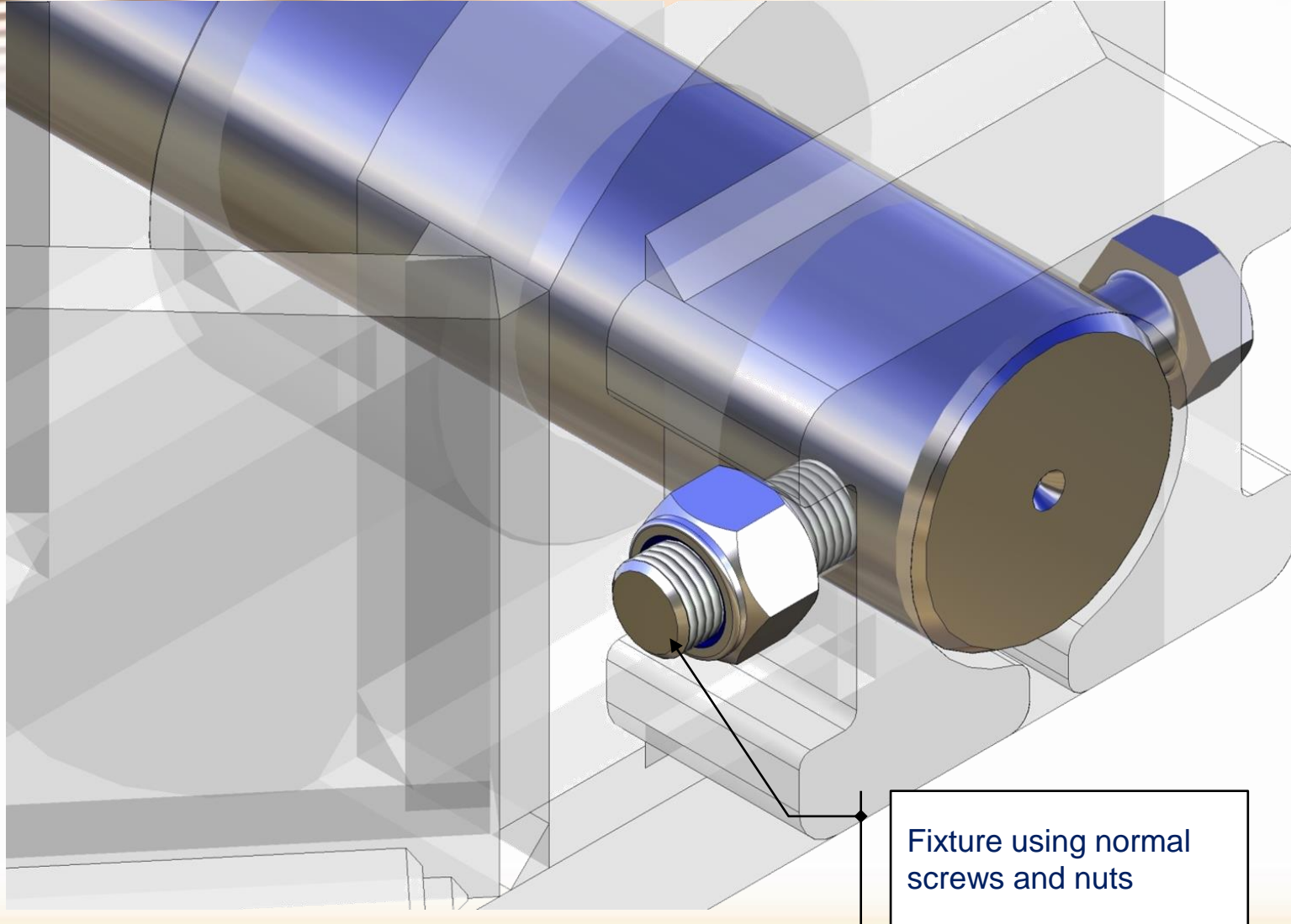
Special chains are used, made by professional companies to our specifications, using carbon alloy materials and subjected to a hardening treatment. This process ensures excellent resistance to heavy loading and wear





All the pins are made from carbon alloy materials and subjected to a hardening treatment. When possible they are protected with steel bushes as shown in the picture. In this case the chain link does not bear on the pin but on the bush, which distributes the force evenly to the pin.

The chain contacts the bush and NOT the pin



The pins are simple in design to enable easy repair, and they are fixed using screws available in normal specialized shops in order to simplify all replacement operations



















**DICHIARAZIONE DI CONFORMITA'
DECLARATION OF CONFORMITY
KONFORMITÄTSEKTLÄRUNG**

**DECLARATION DE CONFORMITE
DECLARACIÓN DE CONFORMIDAD**



E' costruita conformemente ai requisiti essenziali di sicurezza stabiliti dalla direttiva 2006/42/CE e successivi emendamenti. -
Entsprechend der grundlegenden Sicherheitsanforderungen laut EG-Richtlinie 2006/42/CE und folgenden Änderungen konstruiert wurde. -
Has been constructed in conformity with the basic safety requirements set down in EC Directive 2006/42/CE and subsequent amendments.
- - Est construit conformément aux conditions de sécurité essentielles établies par la directive 2006/42/CE CE et les amendements
successifs. - Está construido de acuerdo a los requisitos esenciales de seguridad establecidos por la directiva 2006/42/CE CE y sucesivas
enmiendas.

Per la verifica delle conformità di cui alle direttive sopra indicate, è stata consultata la seguente norma europea EN 292 parte 1 e parte 2. -
Zur Überprüfung der Konformität gemäß oben genannter Richtlinien wurde die folgende europäische Richtlinie EN 292 Teil 1 und Teil 2 zu
Rate gezogen. - In order to check conformity as per the Directive cited above, reference was made to European Norm EN 292 parts 1 and
2. - Pour la vérification des conformités dont à la directive ci-dessus mentionnée, la Norme Européenne EN 292 partie 1 et partie 2 a été
consultée. - Para el control de la conformidad con las directivas indicadas anteriormente, ha sido consultada la siguiente norma europea
EN 292 parte 1 y parte 2.

Si dichiara in oltre di avere apposto la marcatura CE e di aver corredato l'attrezzatura di manuale d'uso e manutenzione. - Zudem wird
erklärt, dass die CE-Kennzeichnung angebracht und das Gerät mit einer Gebrauchs-und Wartungsanleitung ausgestattet wurde. - It is
further declared that the EC mark has been attached to the equipment and a manual of use and maintenance has been provided for the
same. - Nous déclarons aussi avoir apposé le marquage CE et avoir muni l'équipement du manuel d'utilisation et d'entretien. - Se declara
además que se ha fijado la marca CE y que se ha acompañado el equipo con el manual de uso y mantenimiento.

GARANZIA: la nostra Società non si assume, salvo eventuali pattuizioni, alcuna responsabilità circa le applicazioni e comunque, operazioni a cui verrà sottoposto il materiale fornito, presso il compratore o chi per esso.

La garanzia ha durata di 12 mesi dalla data di consegna. La nostra Società si impegna a sostituire gratuitamente, franco nostro stabilimento, qualsiasi materiale ritornatoci per difetti di qualità e/o di fabbricazione.

Restano escluse dalla garanzia le parti soggette ad usura.

GUARANTEE: our company does not accept any responsibility, except in cases of agreement, regarding the applications or operations to which the materials supplied by us are subject by the buyer or on his behalf.

The guarantee is valid for 12 months from the time of delivery. Our company undertakes to replace free, ex works at our address, any materials returned to us for defects in quality or manufacturing.

Parts subject to wear and tear are excluded from the guarantee.

The guarantee does not apply if the parts in question have been tampered with in any way.

GARANTIE: Unser Unternehmen übernimmt, falls nicht anders vereinbart, keinerlei Haftung für die Anwendung und für Arbeiten, denen das gelieferte Material beim Käufer oder andernorts unterzogen wird.

Die Garantie gilt für 12 Monate ab Lieferdatum. Unser Unternehmen verpflichtet sich, kostenlos, frei ab Werk, an uns zurückgesandtes Material zu ersetzen, das Qualitätsmängel und/oder Fabrikationsfehler aufweist. Von der Garantie ausgeschlossen bleiben die Verschleiß unterliegenden Teile. Die Garantie ist ungültig, wenn mit den beanstandeten Teilen, in welcher Weise auch immer, unsachgemäß umgegangen wurde.

GARANTIE: ons bedrijf neemt, tenzij anders overeengekomen is, geen enkele verantwoordelijkheid op zich betreffende de toepassingen en, in ieder geval, handelingen waaraan het geleverde materiaal blootgesteld zal worden, bij de koper of degene die namens de koper handelt. De garantie is 12 maanden geldig vanaf de leveringsdatum. Ons bedrijf zal gratis het materiaal vervangen dat fabrieks- of kwaliteitsfouten heeft. Franco onze fabriek. Deze garantie is niet geldig voor onderdelen die aan slijtage onderhevig zijn.

ESCLUSIONI:

Sono esclusi dalla garanzia i guasti dovuti a:

- 1 utilizzi non previsti dal fabbricante;
- 2 non osservanza di quanto indicato nel presente manuale;
- 3 collegamento ad impianti tecnici non conformi con la normativa tecnica e legislativa vigente;
- 4 scarsa preparazione tecnica del personale (trascuratezza, negligenza, falsa manovra);
- 5 utilizzo di ricambi, lubrificanti o altri prodotti non consigliati dal Costruttore o non specificatamente menzionati nel presente manuale;
- 6 parti soggette ad usura
- 7 normale usura e deterioramento dovuti all'uso della macchina.

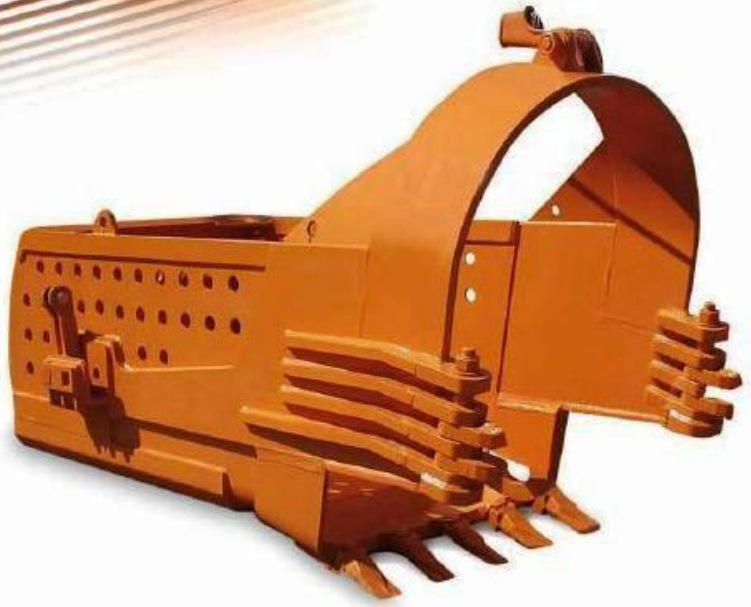
Sarà cura della **NEGRINI s.r.l.** accertare le buone ragioni del Cliente e sostituire le parti riconosciute difettose.

EXCLUSIONS:

Faults due to the following are excluded from the guarantee:

- 1 uses not foreseen by the manufacturer;
- 2 failure to respect what is indicated in this manual;
- 3 connection to technical systems not in compliance with technical regulations and legislations in force;
- 4 poor technical training of personnel (carelessness, negligence, false movement);
- 5 use of spare parts, lubricants or other products not recommended by the Manufacturer or not specifically mentioned in this manual;
- 6 parts subject to wear and tear;
- 7 normal wear and deterioration due to the use of the machine.

NEGRINI s.r.l. shall assess the information provided by the Customer and shall replace the parts it recognises as faulty.



**BENNA DRAGLINE
DRAGLINE BUCKET**

www.negrini.org



-  **BENNA DRAGLINE**
Le benne dragline sono la soluzione ottimale per il dragaggio in caso a fiume, applicabile ad ogni gru cingolata a fune.
-  **DRAGLINE BUCKET**
Dragline buckets are the ideal solution for dredging quarries and mes, applicable on all tracked cable cranes.
-  **BENNE DRAGLINE**
Les benne dragline sont la solution idéale pour le dragage des rivières et dans les carrières, applicable à toute grue chenillée ou à câble.
-  **SCHÜRFKÜBEL**
Die Schürfkübel sind die optimale Lösung für Baggerarbeiten im Steinbruch und Flussbett, sie sind für alle Raupenkettenkrane verwendbar.



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Dealer

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BENNA DRAGLINE