



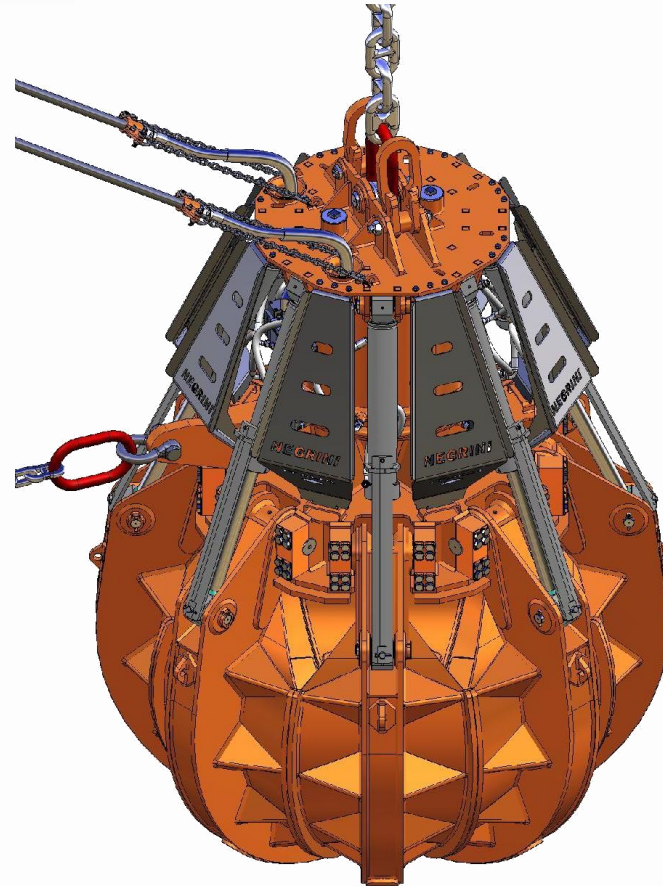
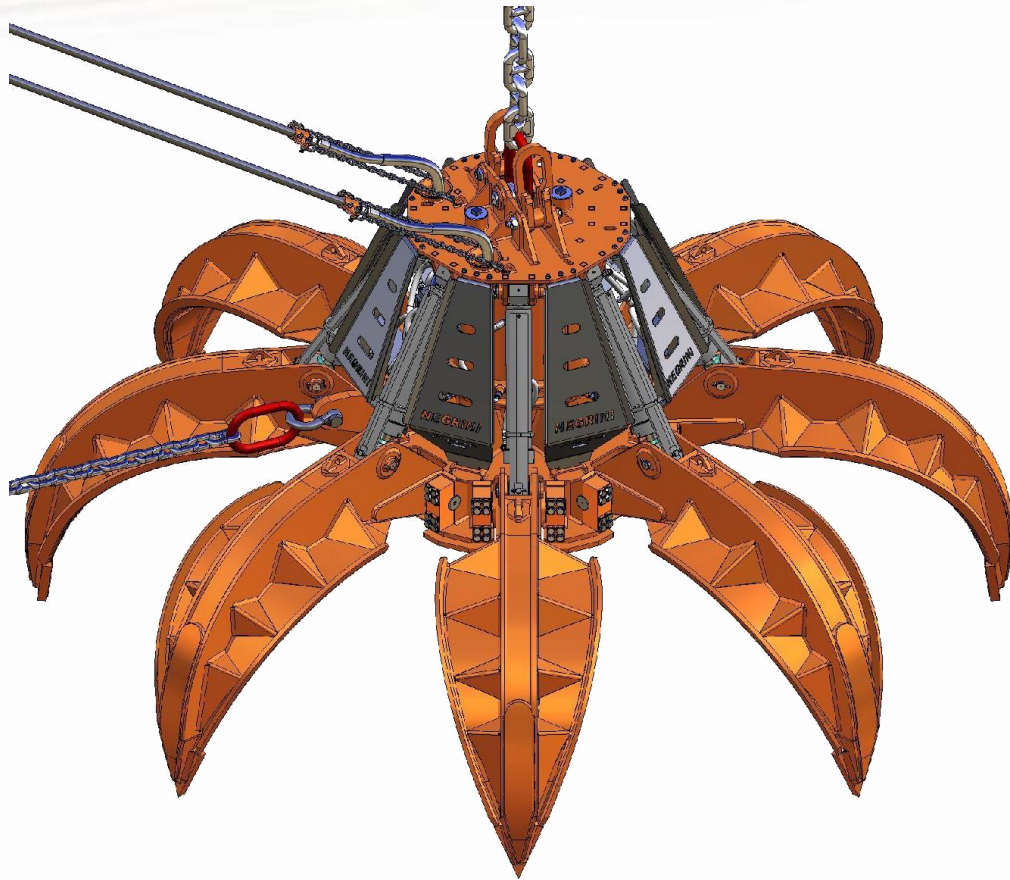
NEGRINI
since 1967 S.R.L.

Hydraulic orange-peel grab

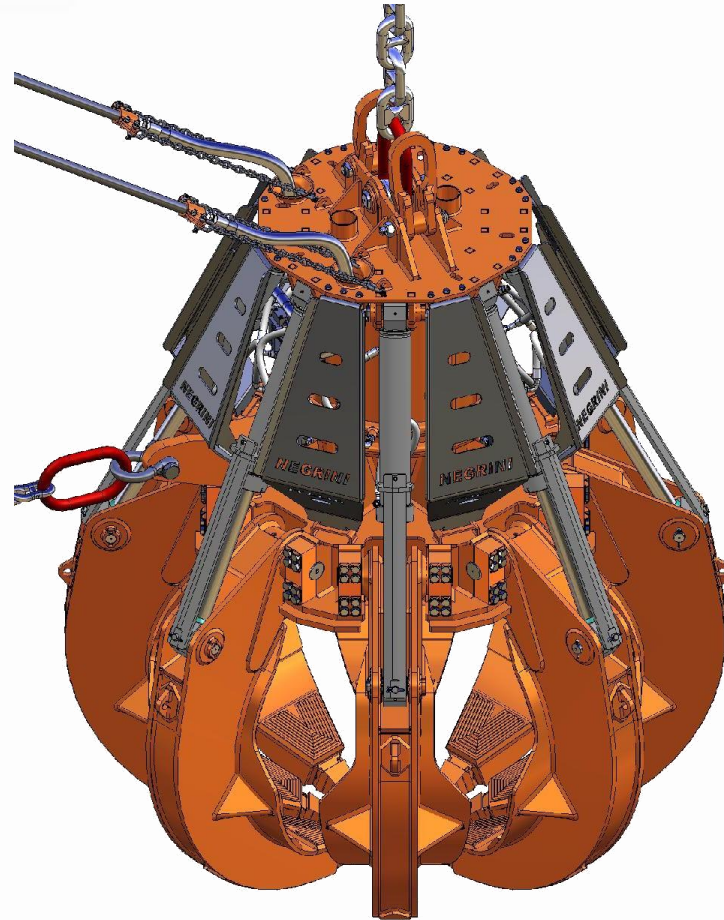
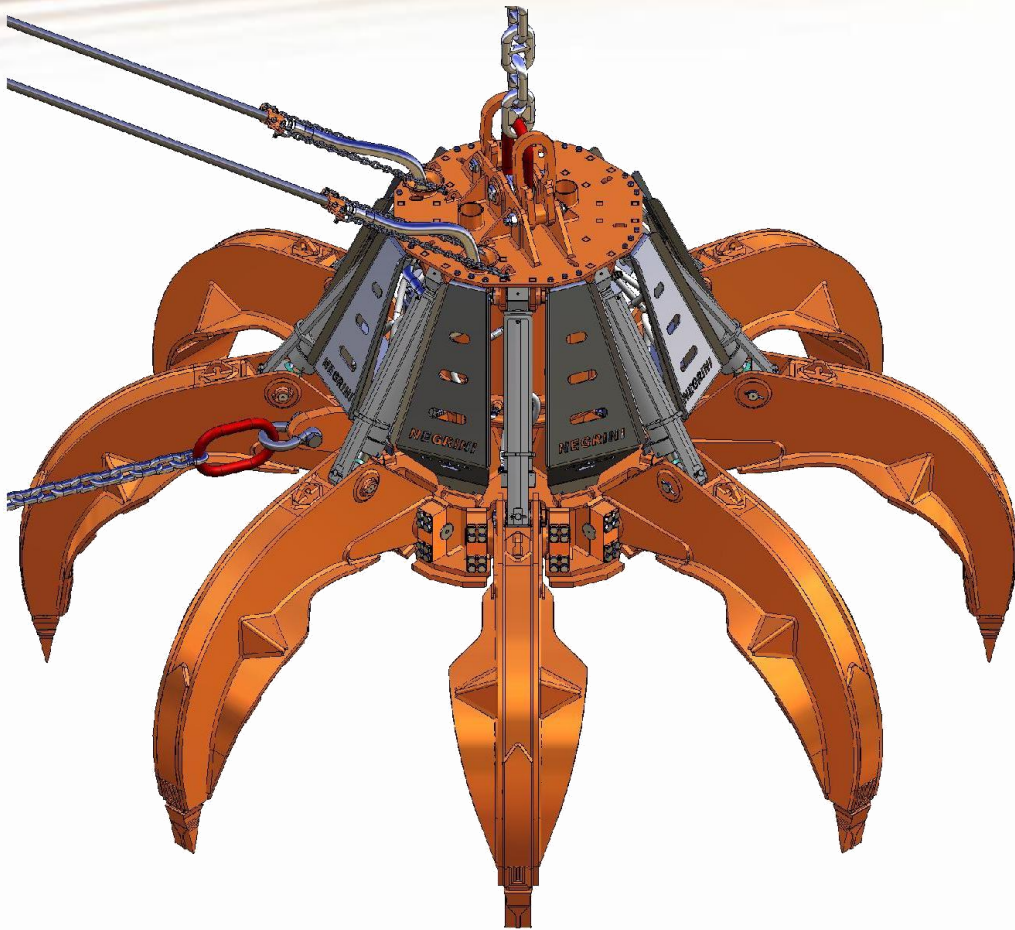
- High opening speed provided by the structured hydraulic system.
- Hydraulic locking system integrated into the body, with external valves.
- Option of disabling the hydraulic locking system.
- High penetration force thanks to the new and unique clamshell design.
- Widespread use of special materials like Hardox for the shells and points.
- Highly versatile in use, from urban waste to rocky cliffs.
- Can be used submerged in salt water and in dirty or dusty environments.
- Easy low cost maintenance.

The grab can operate with shells of different shapes and characteristics, ranging through standard models with welded teeth protected with surface hardening, replaceable teeth, and personalized shell shapes.

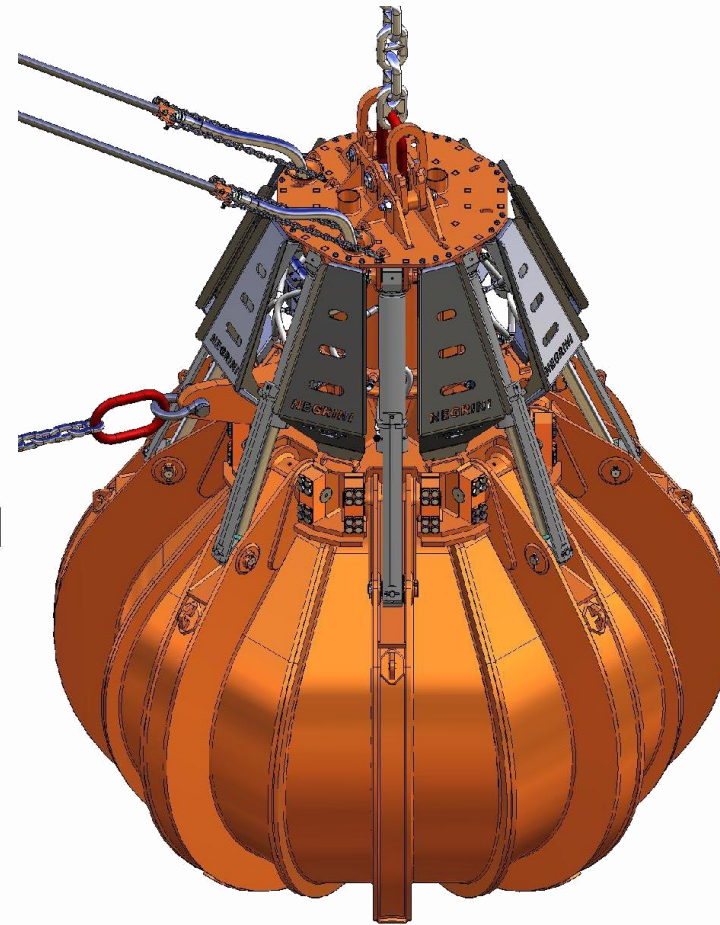
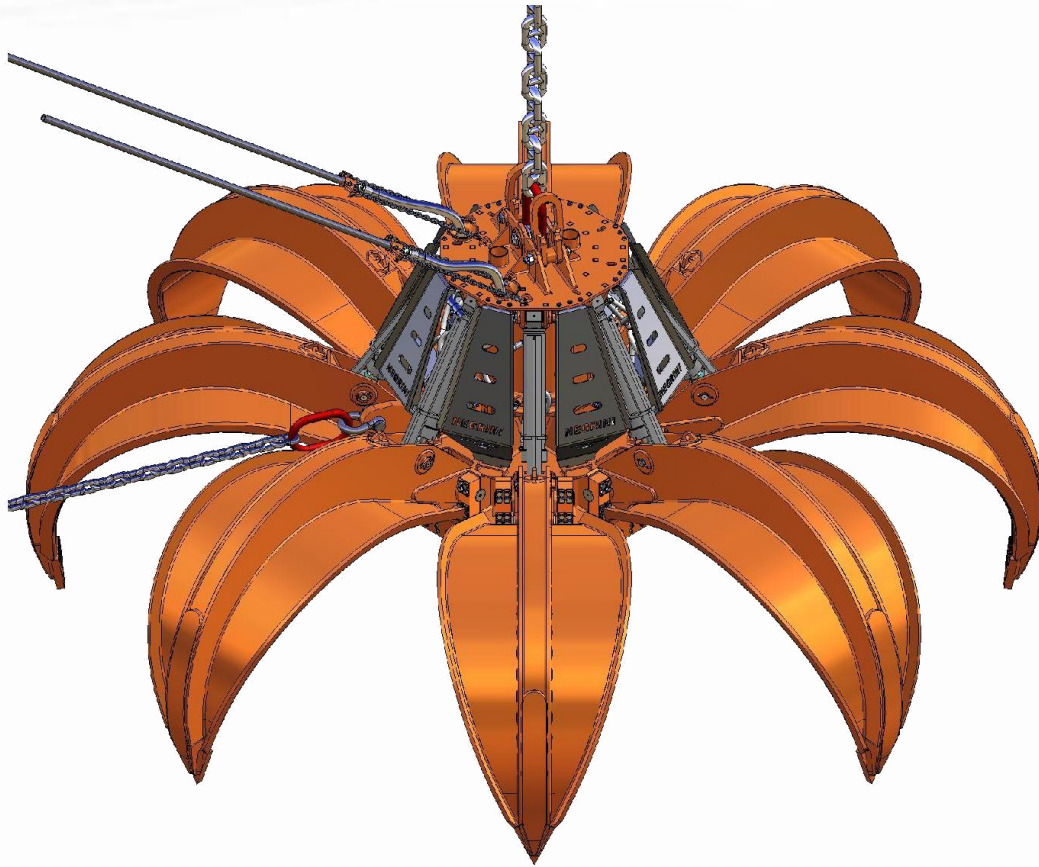




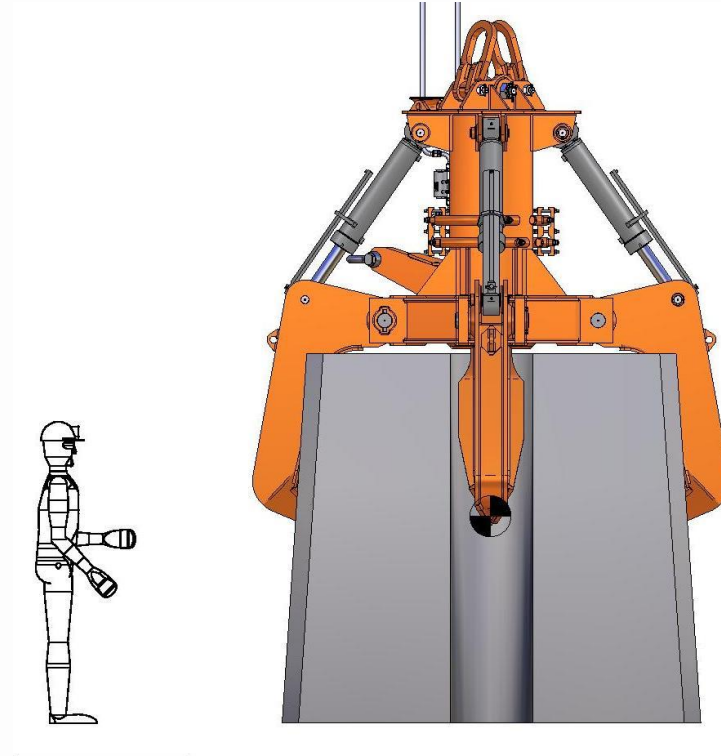
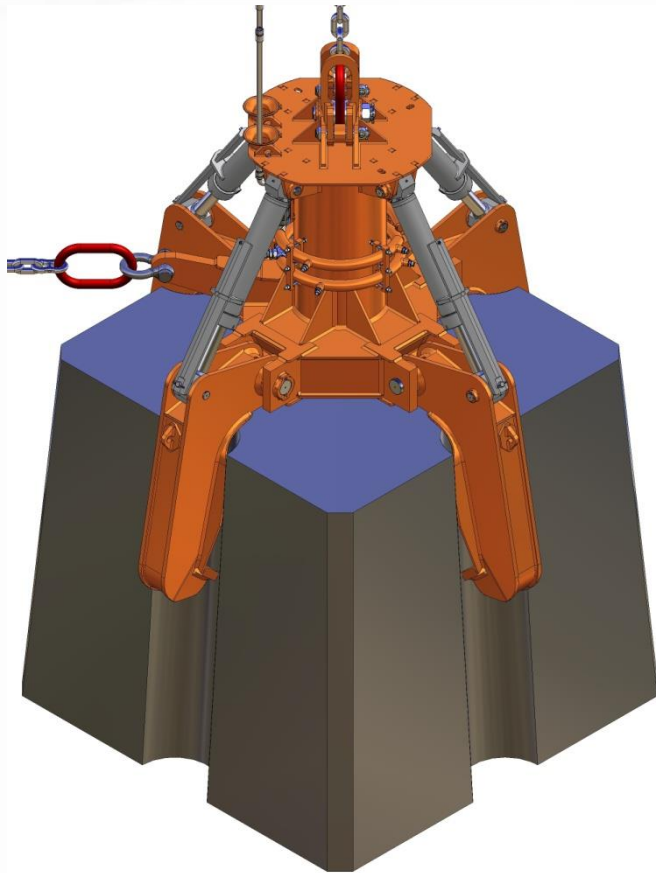
Changing the shells varies the characteristics of the grab. It is possible to fit standard shells with welded Hardox teeth protected with surface hardening, shells with replaceable teeth, completely closed shells, or with profiles as requested.



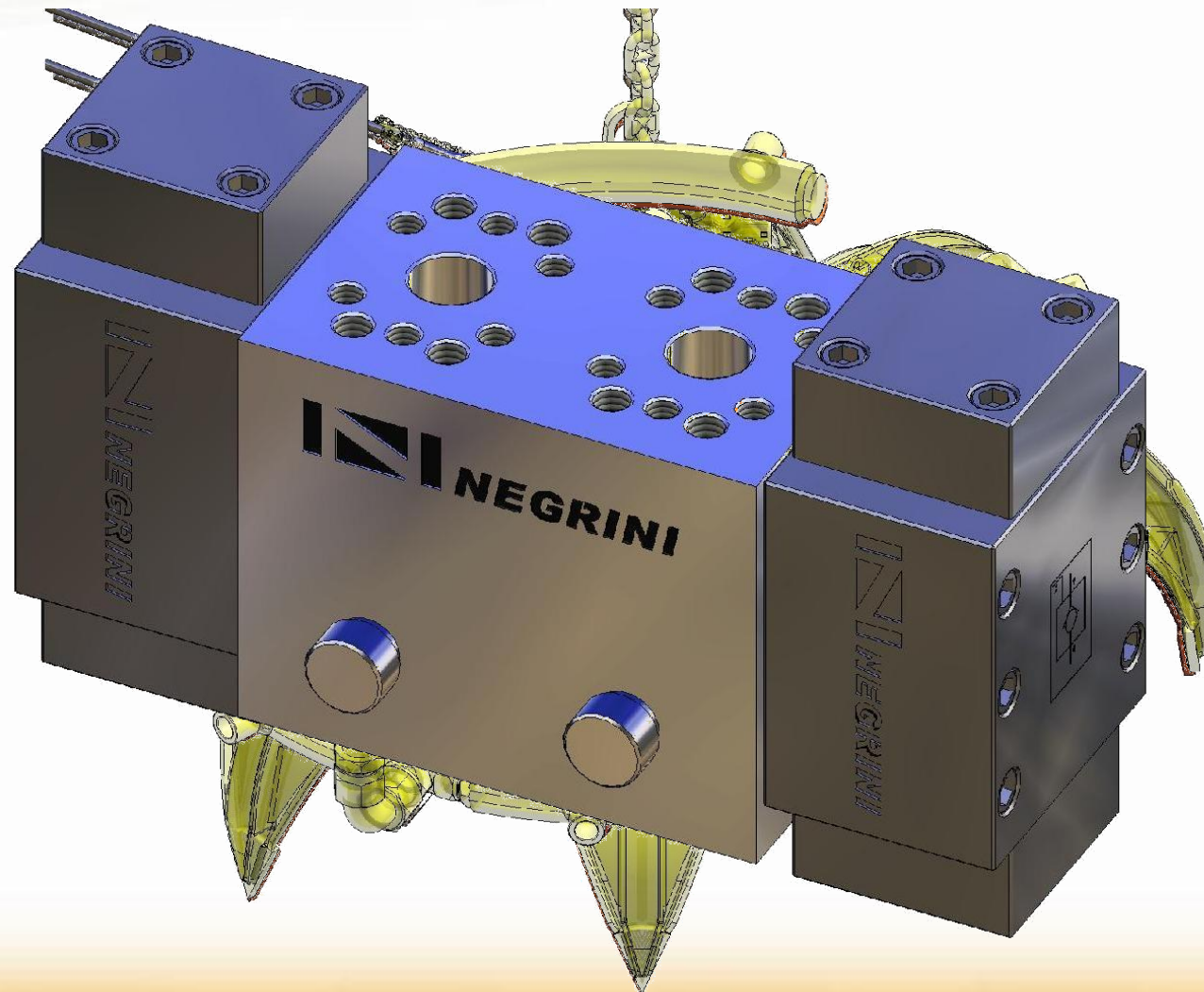
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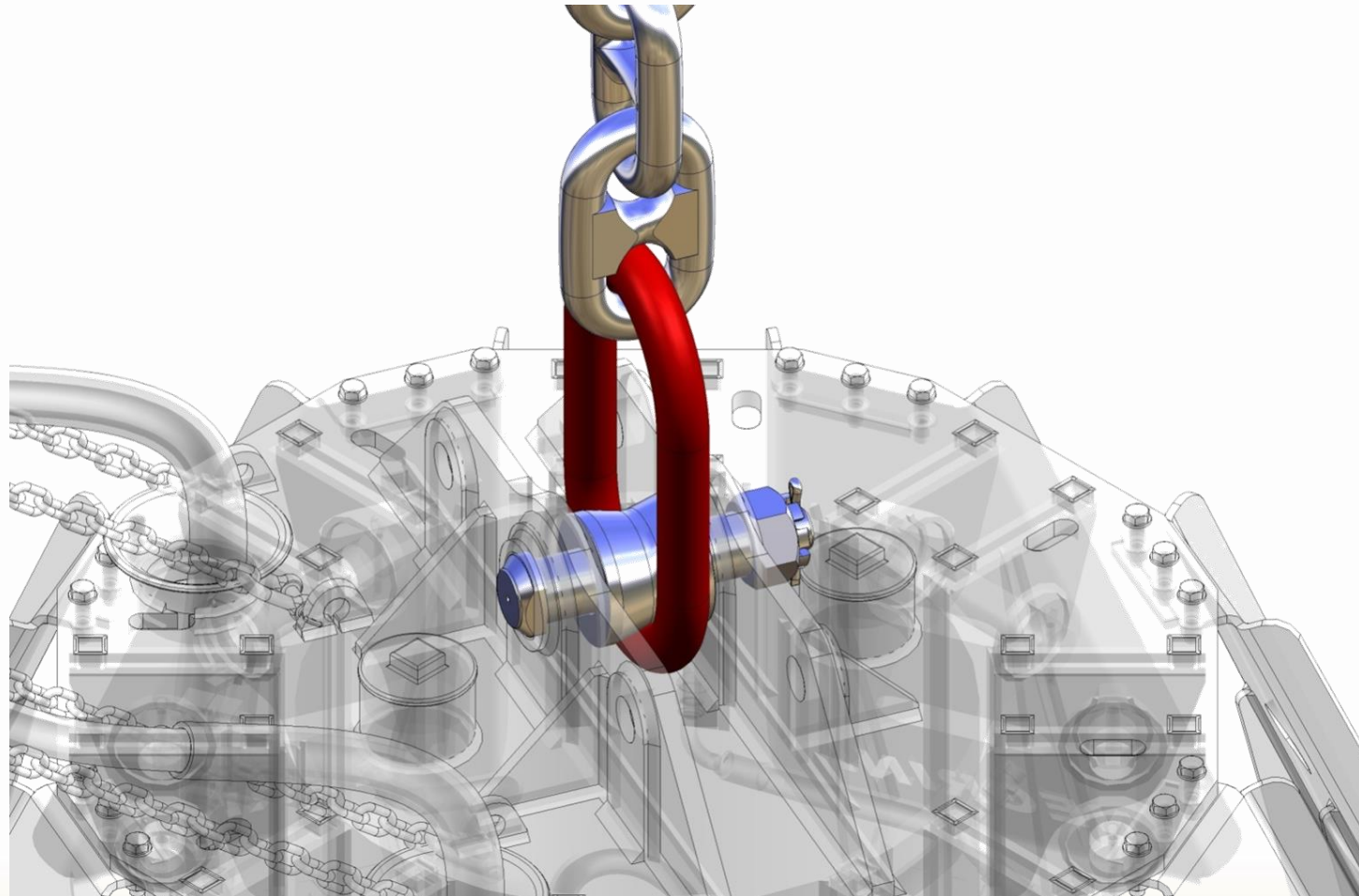


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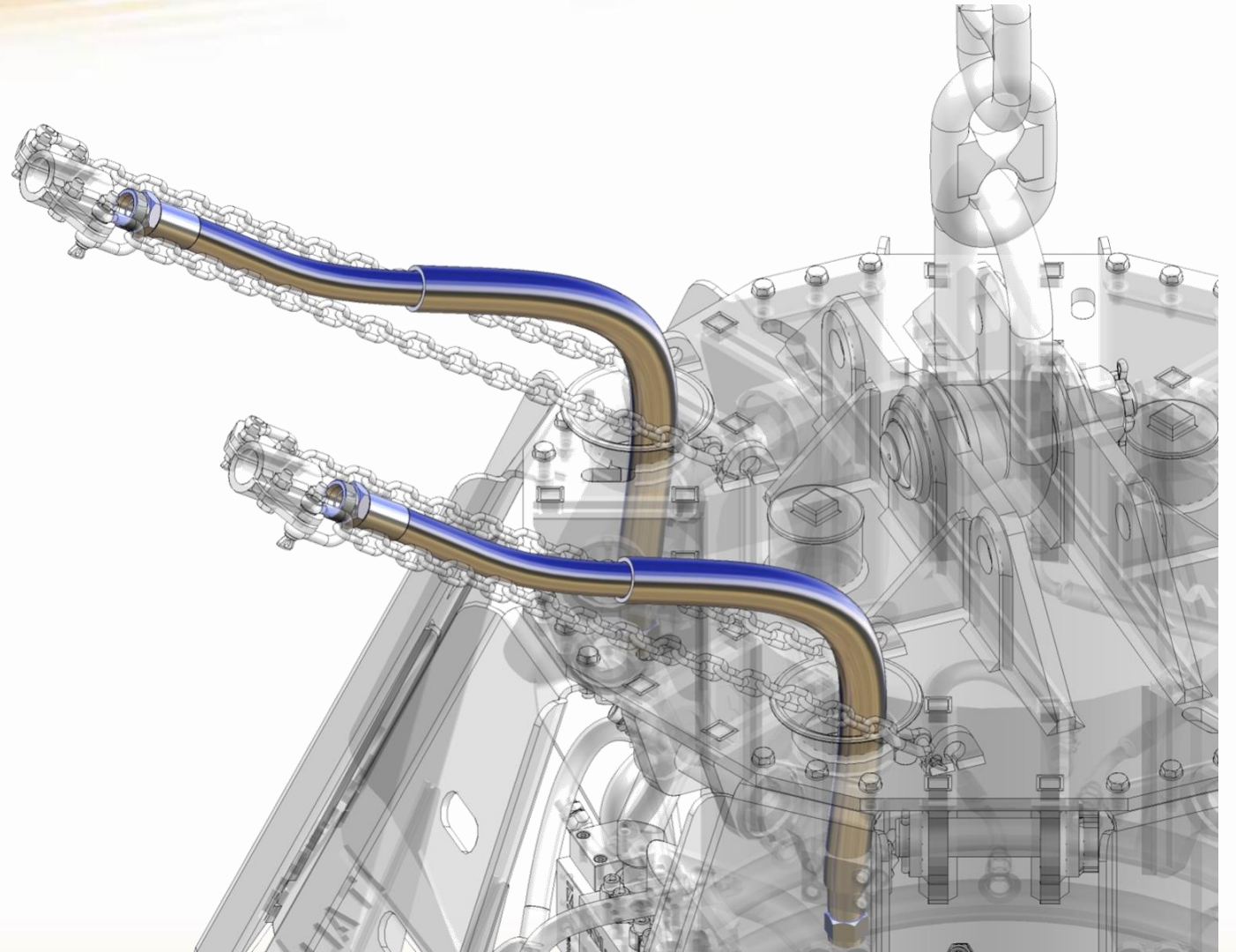


The high shell opening speed is provided by a special hydraulic system solidly fitted inside the bucket. This also holds the large valves that ensure the hydraulic locking of the system. The hydraulic system limits back pressure to 7 bar, eliminating harmful energy wastage and hydraulic hammer effects, allowing the pipes and winders to remain in an idle state. The bucket can be used in transverse or longitudinal orientation.

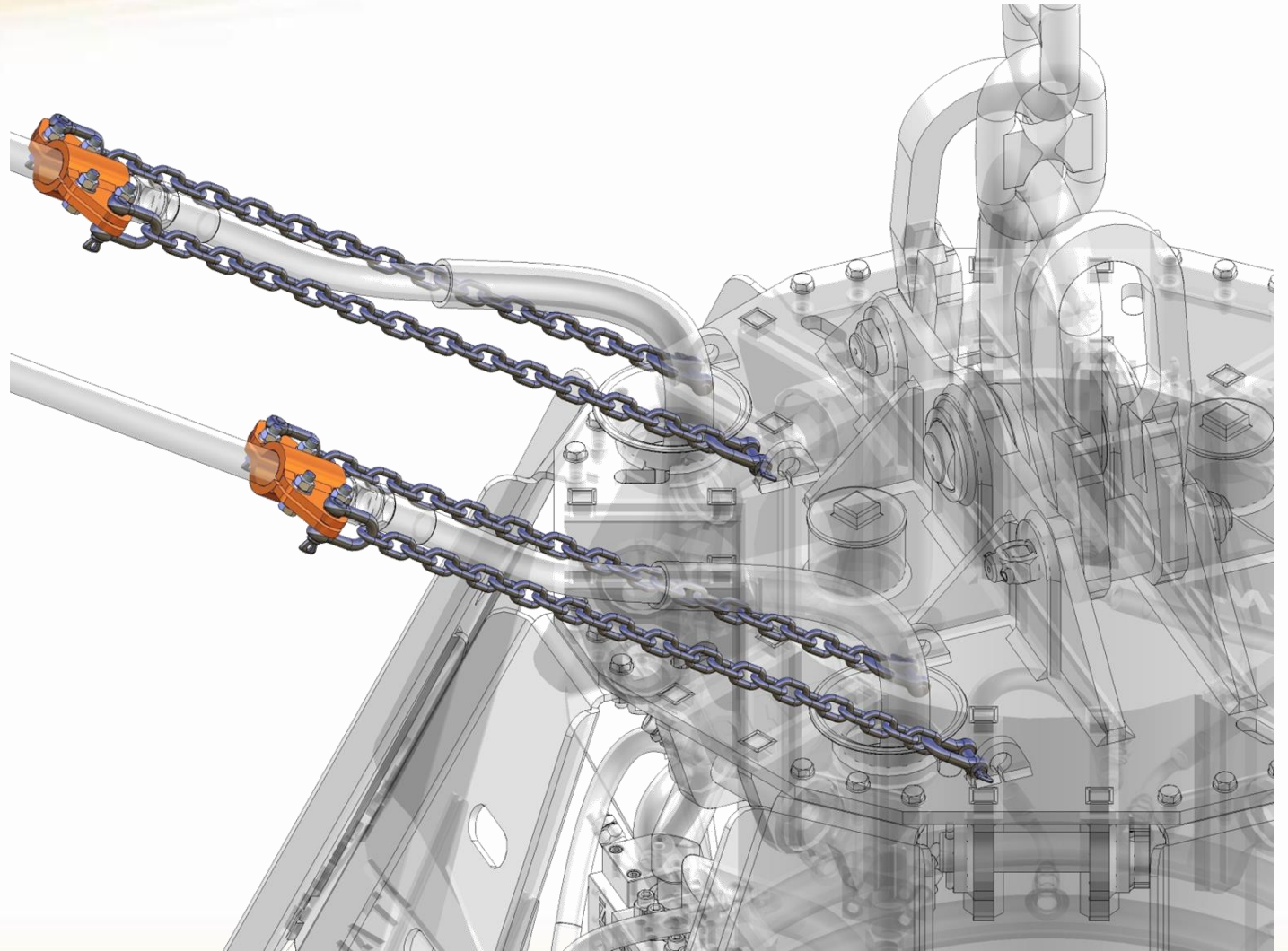
The grab is raised using a heavy duty chain and end ring supported by a profiled bushing, which distributes the forces evenly on the pin. This system provides strong engagement and movement of the grab, which is especially useful when submerged in water or mud when the operator cannot see if the grab is tipped over.



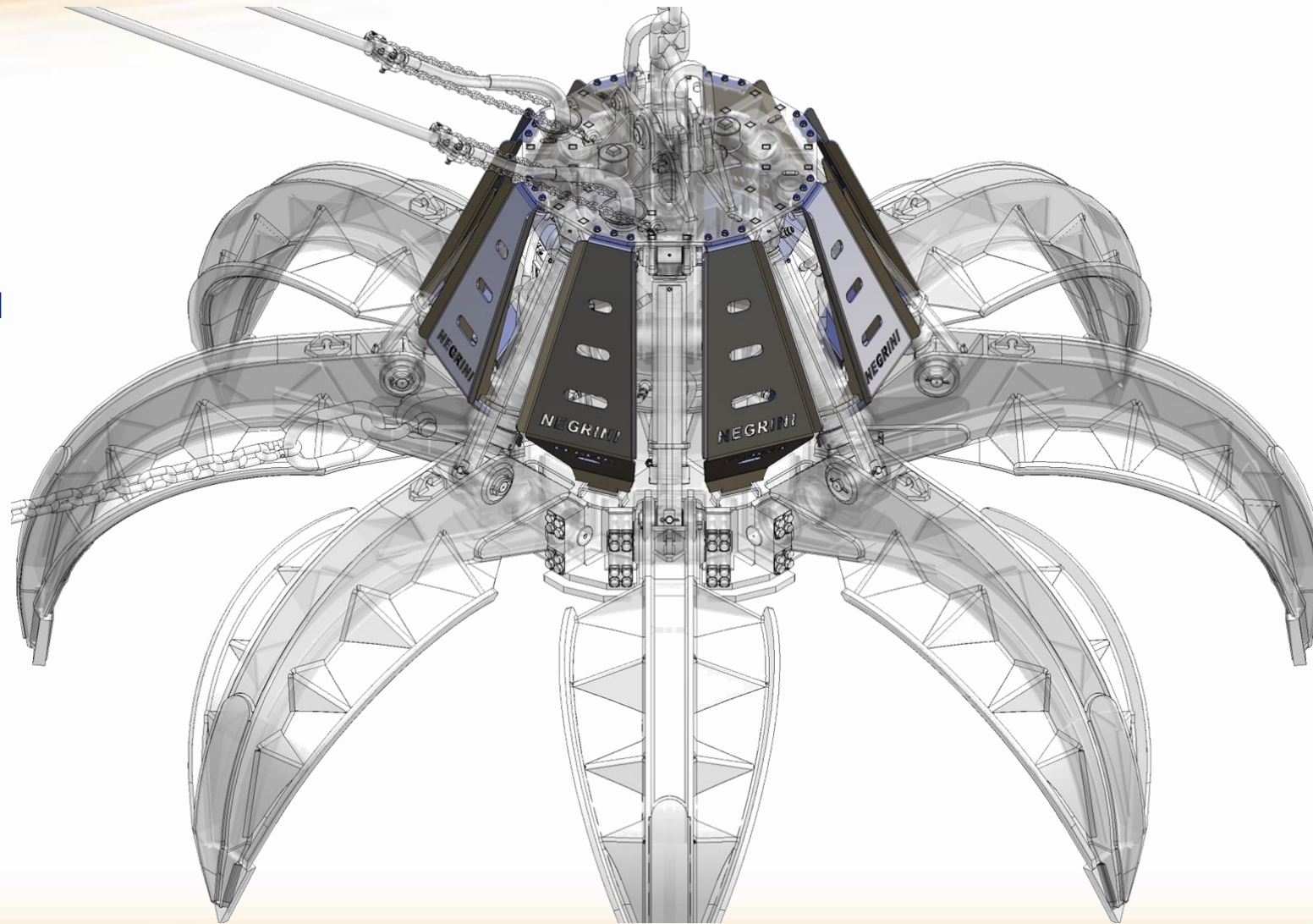
The hydraulic supply pipes are channelled into flared bushings to permit unhindered movement. The hydraulic pipes are protected with external covers, so that in cases of laceration only the protective covers have to be replaced.




The hydraulic supply pipes must not be put into traction and to avoid this we use chains and clamps that restrain the pipes from the machine.



The hydraulic system is protected with heavy duty guards, which are fixed using standard screws available from specialized retailers.





When possible we carry out operating tests using electronic instruments fitted to the bucket in order to check the evolution of flow rates, pressures, back pressures, and good general operation.

During the design stage the possible need for truck or container transport are also taken into account.



















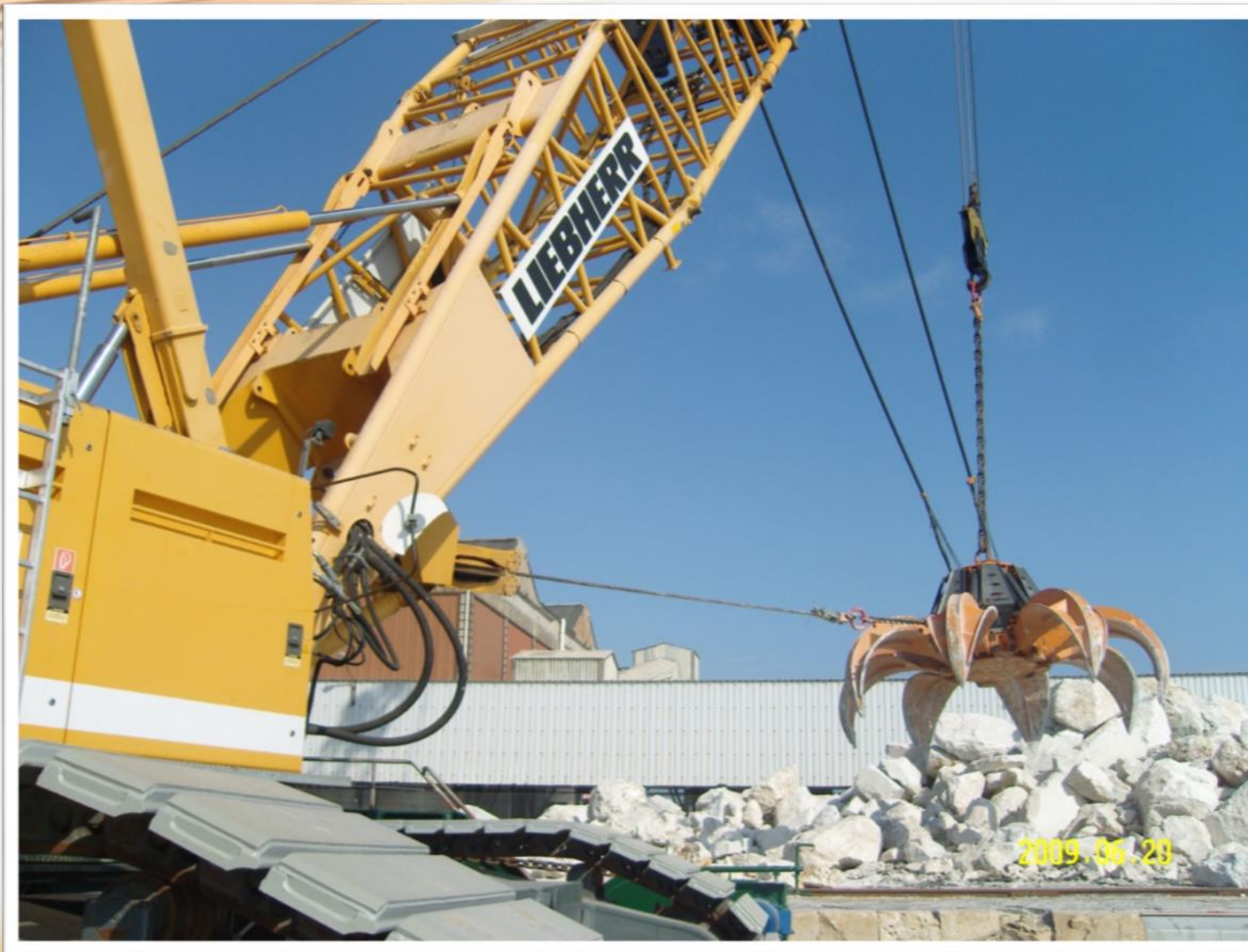












**DICHIARAZIONE DI CONFORMITA'
DECLARATION OF CONFORMITY
KONFORMITÄTSEKTLÄRUNG**

**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.



NEGRINI
since 1967 S.R.L.



POLIPO IDRAULICO
HYDRAULIC ORANGE-PEEL GRAB

www.negrini.org



NEGRINI
since 1967 S.R.L.



POLIPO IDRAULICO
I polipo idraulico sono la soluzione ottimale per qualsiasi materiale come roccia, rottame e rifiuti da riciclare, possono essere utilizzati su tutti i dispositivi di sollevamento a gru cingolate.

HYDRAULIC ORANGE-PEEL GRAB
Hydraulic orange-peel grabs are the optimum solution for handling rock, scrap, and recyclable materials, applicable on all hoisting devices or crawler cranes.

POLYPE HYDRAULIQUE
Les bennes polype sont la solution idéale pour n'importe quel matériau tel que la roche, les débris et les déchets à recycler et elles peuvent être utilisées sur tous les engins de levage ou les grues chenillées.

HYDRAULISCHER MEHRSCHELENGREIFER
Die hydraulischen Mehrschalengreifer sind die optimale Lösung für alle Materialien wie Fels, Schutt und Recyclingmaterial und können für alle Hebezeuge oder Raupenkrane verwendet werden.





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POLIPO IDRAULICO