

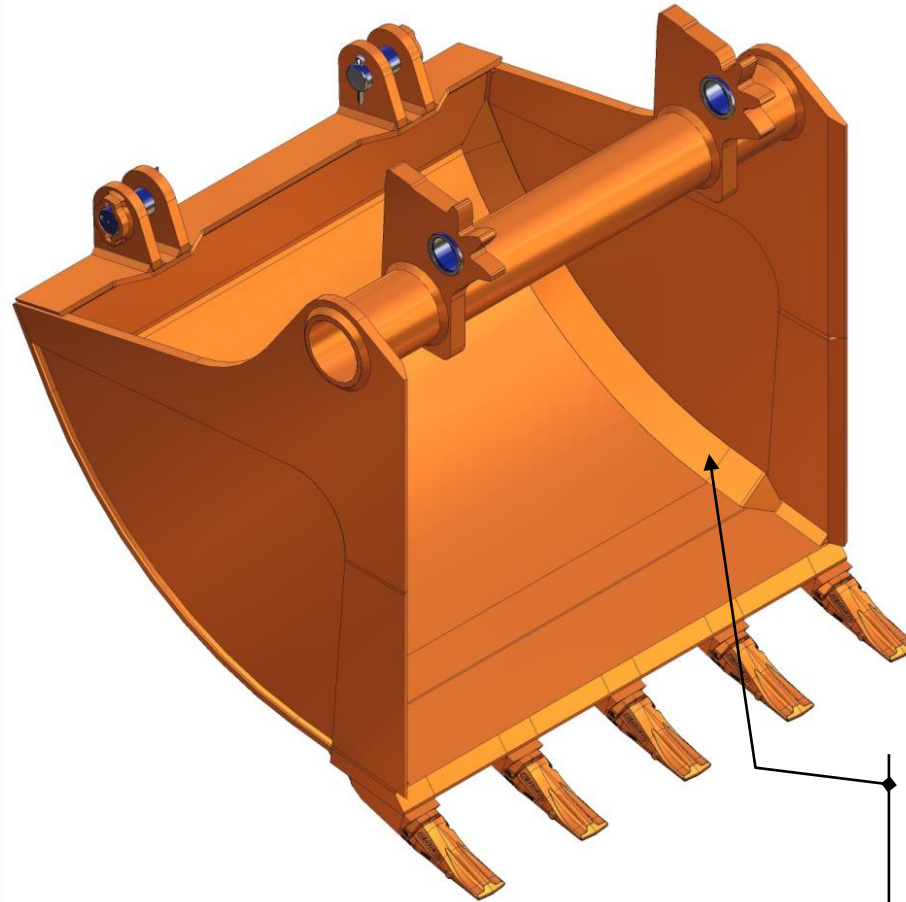


NEGRINI
since 1967 S.R.L.

2 cable mechanical clamshell bucket

- Reduced adherence of materials inside the shell.
- Smooth emptying of materials, avoiding recoils that can damage the crane.
- Option of changing the number of pulleys using the prefitted attachment points.
- Steel pulleys to avoid breakage and resist abrasive materials.
- Bucket with longitudinal or transverse orientation as specifically requested.
- Almost complete absence of boxed areas limits the buoyancy effect.
- Option of replacing the shells with different sizes and shapes.
- Easy low cost maintenance.

The new shell conformation allows the transit of materials without impediment and helps continuous release when unloading, without sudden surges of materials



Plates are inclined at 45° to prevent materials from sticking

GREAT VERSATILITY



STANDARD SHELL



STANDARD WITH TEETH



DREDGING SHELL

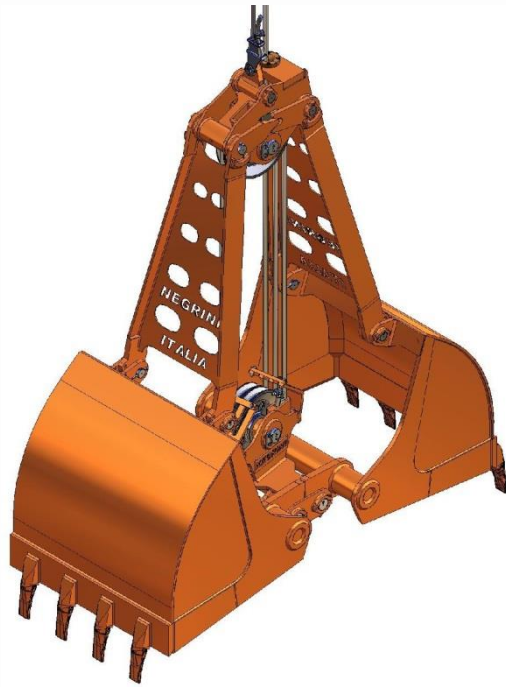


CLOSED SHELL



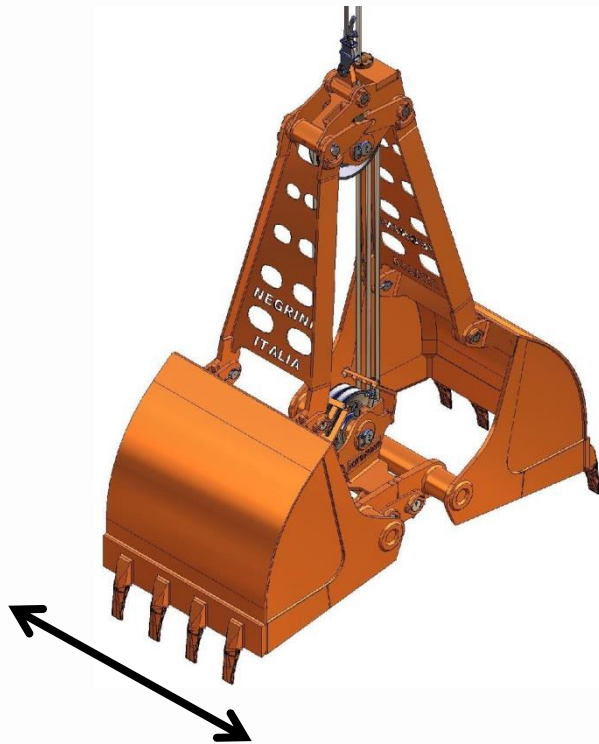
DREDGING WITH TEETH

Changing the shells varies the characteristics of the bucket. Large shells can be fitted for handling light materials like mud, or smaller but heavier and tougher shells can be fitted for dealing with hard materials that are difficult to penetrate.



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STANDARD OR DREDGING MODEL?

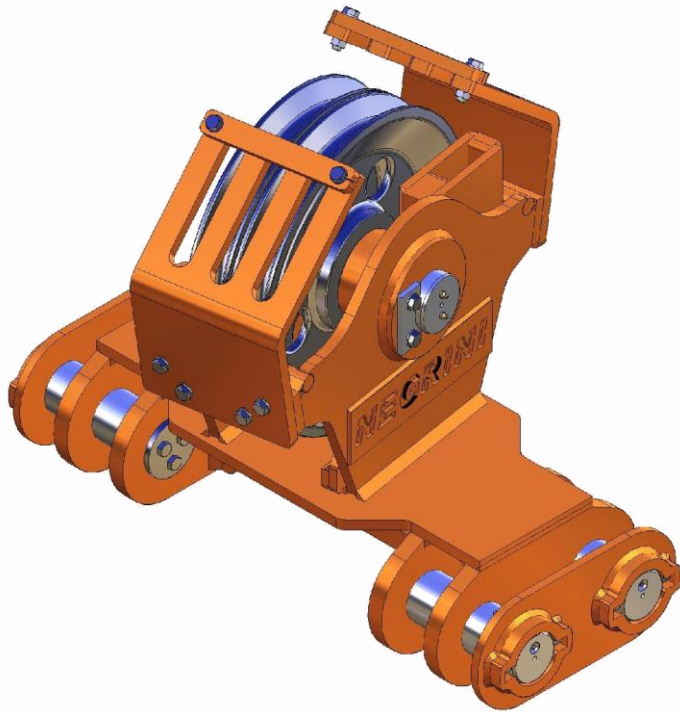


STANDARD SHELL



DREDGING SHELL

The limited blade contact length with the ground in the dredging model makes it possible to exert a highly concentrated force, generating high pressure per linear millimetre for maximum ground penetration, a particularly important characteristic in marine works when a component of the force is cancelled by the upward pressure generated by the water.

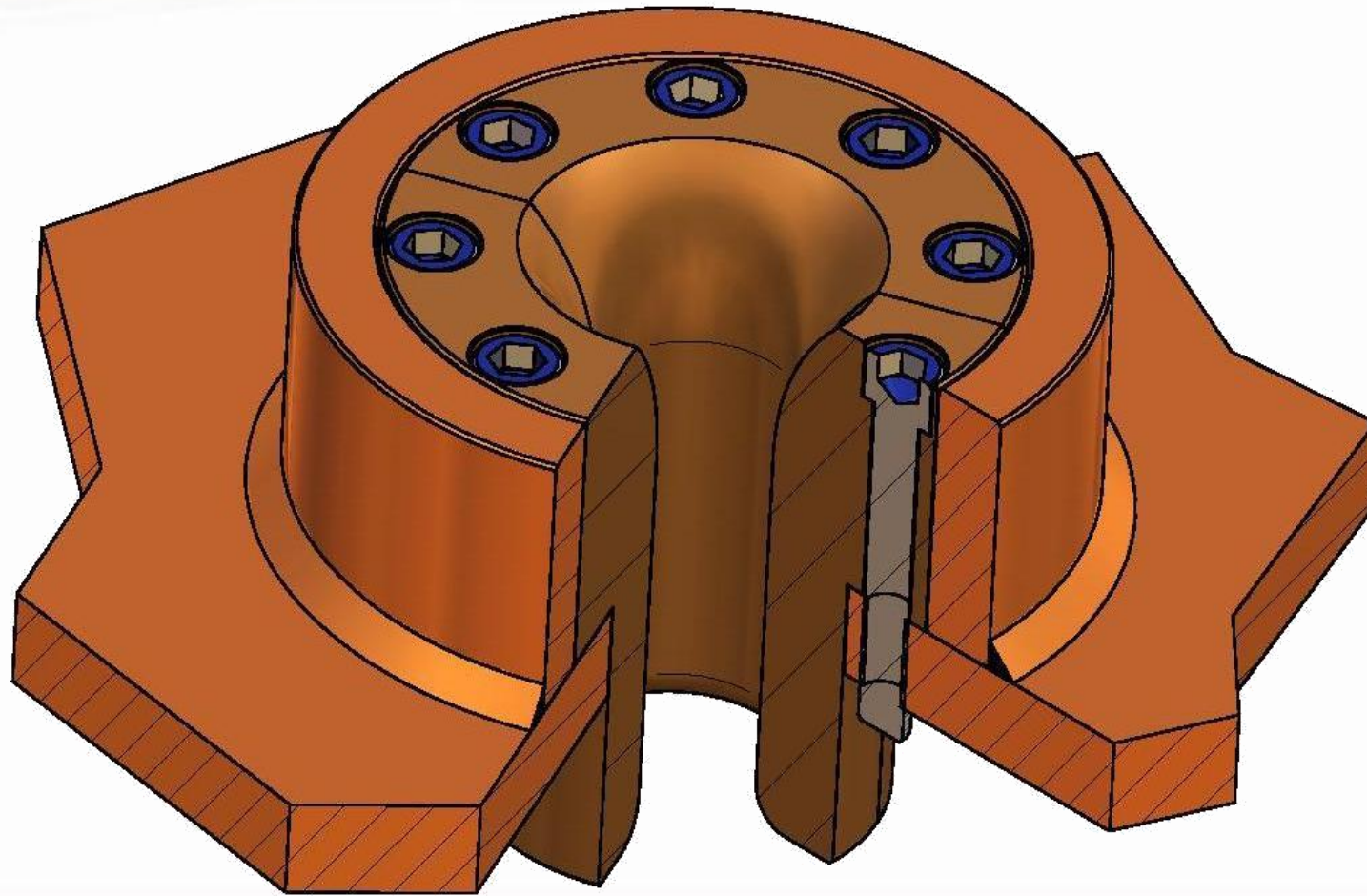


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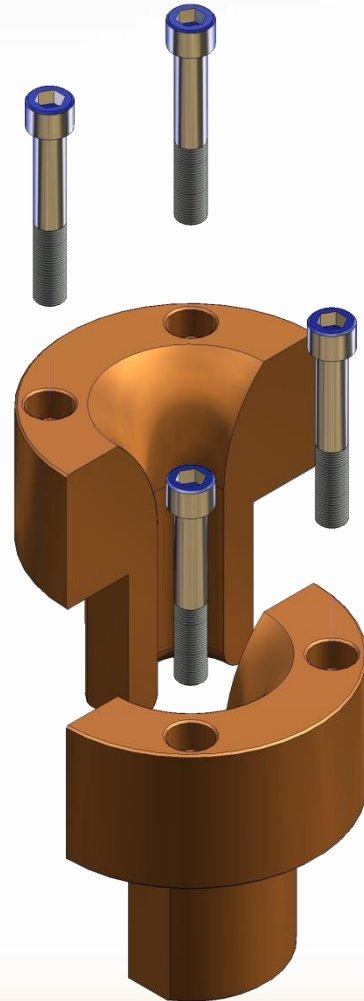


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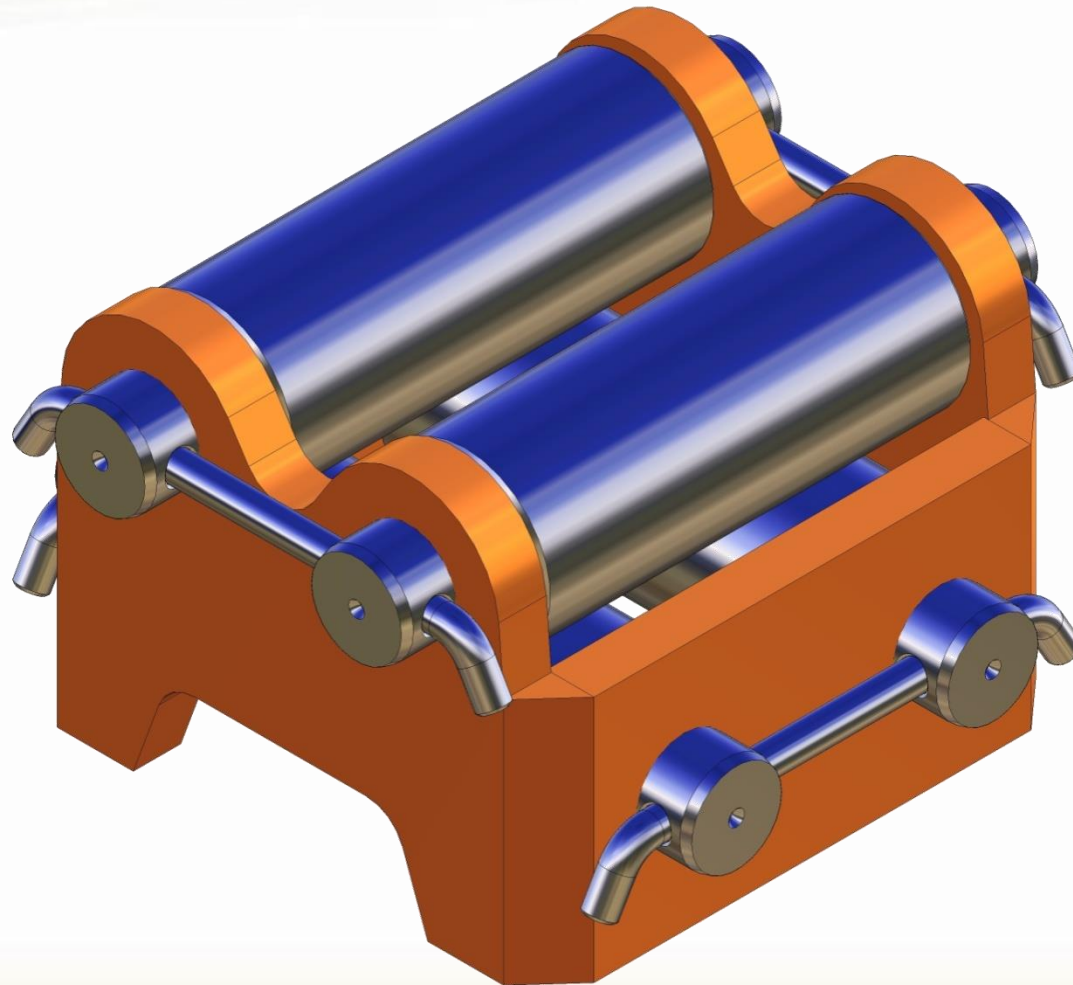
The flexible layout of the attachment points allows the addition or elimination of pulleys in order to achieve greater closing force by increasing the mechanical advantage, or greater speed by reducing the mechanical advantage. Users can optimize the bucket for light or more problematic materials. The bucket can be requested with transverse or longitudinal orientation.



The cables are guided into the tool through two radial shaped semi-bushings, made in a bronze-aluminium alloy to limit friction and wear on the cable. The semi-bushings do NOT need greasing or maintenance, do NOT jamb the bucket, and it is easy to see their state of wear and decide when they need replacing. The semi-bushing screws are very long.

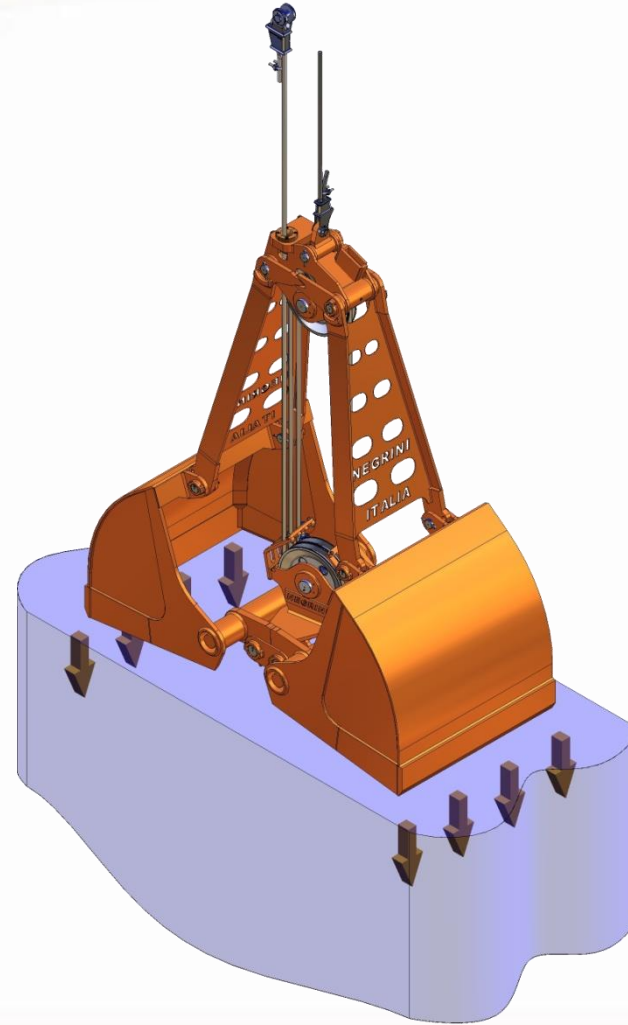


The semi-bushings are removed separately to permit replacement without having to extract the cable, in a quick and easy operation.

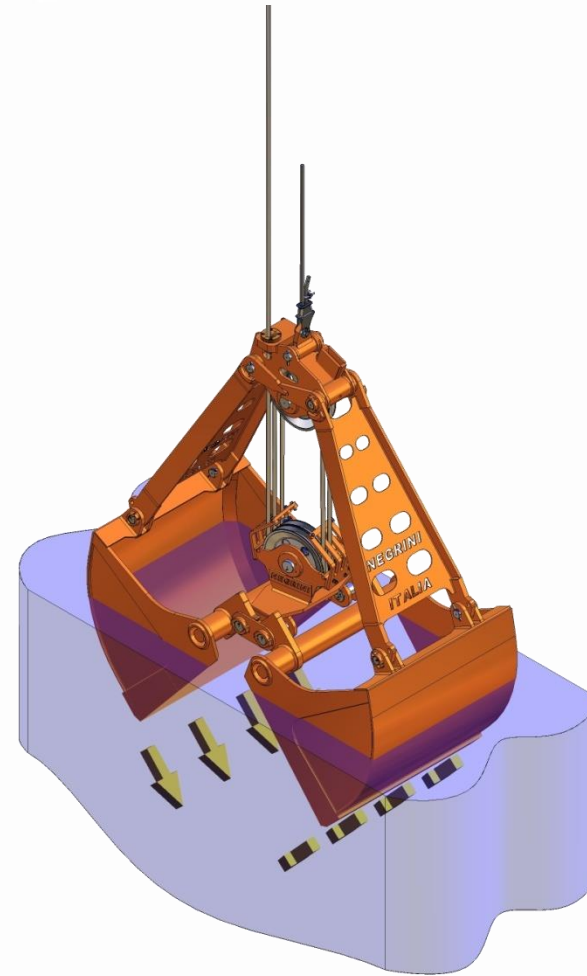


When requested by customers we can fit a crossed roller box as an alternative to the semi-bushings. This option is already implemented on some of our equipment. The rollers and spindles are made with hardened steel for long term durability.

The short length of the blade makes it possible to exert a highly concentrated force. Our buckets deliver high pressure per linear millimetre to permit maximum ground penetration, a particularly important characteristic in marine works when a component of the force is cancelled by the upward pressure generated by the water.



The short blade length makes it possible to exert a highly concentrated force. Our buckets deliver high pressure per linear millimetre for maximum closing force, which enables more effective filling, limits bucket rising, and ensures a powerful terrain cutting force at the end of closure, facilitating the extraction of the bucket.



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



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**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.



MORDENTE MECCANICO A 2 O 4 FUNI
TWO OR FOUR ROPE DUAL SCOOP GRAB

www.negrini.org





NEGRINI
since 1967

-  **MORDENTE MECCANICO A 2 O 4 FUNI**
Le benne mordenti sono la soluzione ottimale per qualsiasi materiale sfuso, possono essere utilizzate su tutti i dispositivi di sollevamento con 2 o 4 funi o gru cingolate.
-  **TWO OR FOUR ROPE DUAL SCOOP GRAB**
Clamshell Grabs are the optimum solution for any bulk material, that can be used on all hoisting devices 2 or 4 rope or crawler cranes.
-  **PRENEUSE MECANIQUE A 2 OU 4 CABLES**
Les benne preneuses sont la solution idéale pour n'importe quel matériau en vrac. Elles peuvent être utilisées sur tous les engins de levage à 2 ou 4 câbles ou les grues chenillées.
-  **ZWEISEL ODER VIERSEL ZWISCHALENGREIFER**
Unsere funikörgerüsterten einseitig für benötigen keine externe energievorsorgung und sind dadurch universell an jedem Kran ersetzbar 2 oder 4 seile o raupenkrane.



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Dealer

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MORDENTE MECCANICO A 2 O 4 FUNI