



Handling solutions  
GRABS & TONGS

**BLUG**

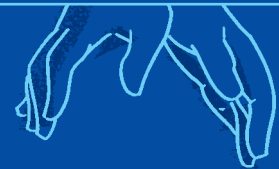
Credeplug, s.l.

# There is a

**ORANGE PEEL GRABS**



**CLAMSHELL GRABS**



**UNDERWATER GRABS**



**TONGS**





# Grabs with a

# green heart



Hydraulic unit with **variable flow** piston pump

- . 40% electric demand reduction in comparison with fix flow pumps.
- . Oil's heating minimization.
- . Hydraulic components' lifetime extension.





**BIOFUEL**



**BIOMASS**



**URBAN  
SOLID  
WASTE**

for specialists in

**recycling**



**SLAG**



**MUD AND  
SLIMES**



**BATTERIES**

ATEX certification for explosive atmospheres.  
Sensor set for automatic cycle and control of incidences.



# Capacity at your size for each sector

## STEEL INDUSTRY



## PORTS



## CEMENT



## WOOD



**From 50 to 45.000 liters.**

No matter what is the sector you deal with, we have a Blug solution that will match your requirements.



# Stated quality

in technologies and materials

**ELECTRO  
HYDRAULIC**



**HYDRAULIC**



**MECHANICAL**



**ELECTRO  
MECHANICAL**



**HARDOX<sup>®</sup>**  
IN MY BODY

**Parker**

# Safe and efficient in every environment

## RELIABILITY



Grabs with more than 30 years fully operative.

## PRESENCE



Blug grabs are quality reference in ports, steel and recycling industry.

## RESISTANCE



Designed with reinforced structure for most aggressive environments.



# Adapted for each requirement

## ADAPTABILITY



**2 solutions for the same environment:** Hydraulic orange peel grab for dragging.  
Hydraulic tong for breakwater rock.



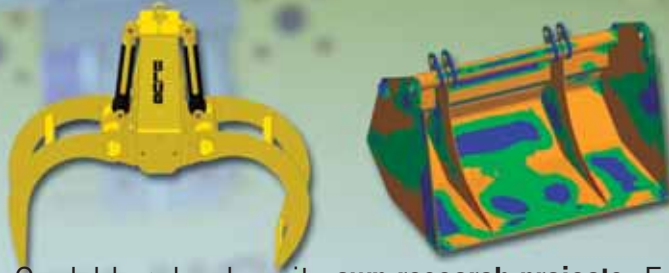
Single chain/rope operated automatic clamshell grabs.



Forging tong on a telescopic manipulator.  
Integrated and assembled to the crane.

# Complete

## DESIGN



## MANUFACTURE



Credebug develops its **own research projects**. Every component is designed in 3D and submitted to simulation and validation by Finite Elements Analysis.

**Manufacturing process fully controlled** by modular assembly of mechanical and first class hydraulic components.

We also offer preventive and corrective **maintenance service**.





# solutions

**MANUFACTURING**



**AFTER SALES SERVICE**





# Technological partnership

Contract of collaboration with Glual Hydraulics to offer a better after-sales service and development of hydraulic technology.

**GLUAL**  
HYDRAULICS

# for a better service to our customers





# Our experience is renewed



Credeblug is a "young" company competing internationally thanks to its continuous innovation and R&D&I strategy.

## WEB 2.0

- . Automatic grab search web configurator.
- . Videos of Blug grabs at load.
- . Private area for information sharing.
- . On-line spare parts ordering.



PREMIOS INDUSTRIA 2012  
MEJOR PYME INDUSTRIAL  
CÁMARA DE COMERCIO DE GIPUZKOA



2012 INDUSTRY AWARDS  
BEST INDUSTRIAL SME  
CHAMBER OF COMMERCE OF GIPUZKOA



increasing  
our prestige



Best Small and Medium-size Industrial Enterprise  
2012 Award by the Chamber of Commerce of Gipuzkoa



IBJ 2010 award - best grab manufacturer worldwide



# BLUG

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