



**SUSPENDED PLATFORMS
CONFINED SPACE SOLUTIONS
BESPOKE PROJECTS**



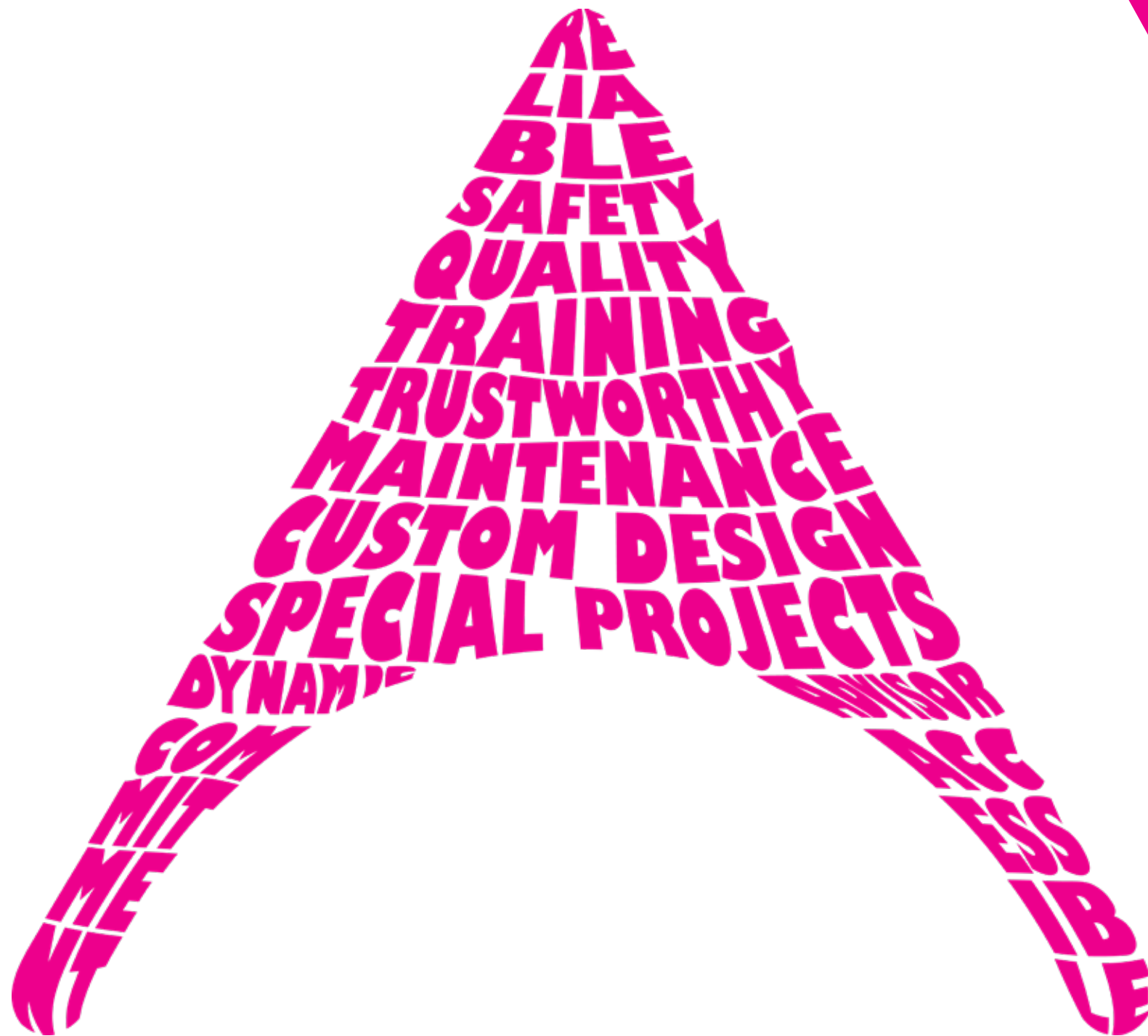


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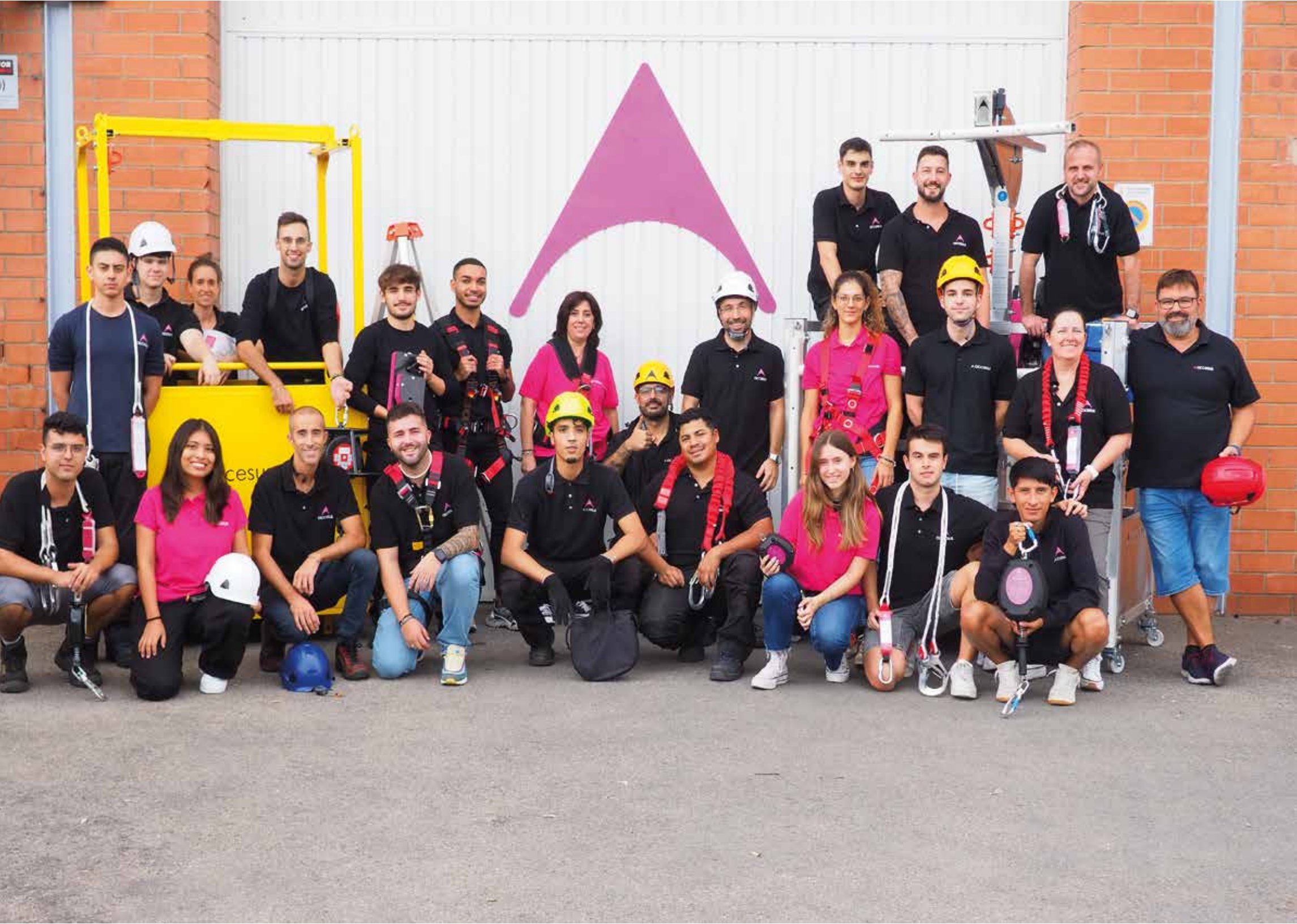
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WE ARE ACCESUS

Leading company in the manufacturing of **suspended platforms, machinery and customized solutions for work at height**. We are proud to offer products designed, manufactured and approved with the highest quality standards, as well as specialized protocols for work at height and difficult-to-access environments.

With more than **15 years of experience**, from **Barcelona, Spain**, our presence extends through commercial agents in **Spain, Portugal and France**, backed by exceptional flexibility, high adaptability and a constant passion that have made us the **leading company in the sector**, with continuous growth.

COMPREHENSIVE SERVICES FOR MACHINERY AND CUSTOMIZED PROJECTS

At **Accesus**, the provision of services is essential for a machinery manufacturer. We support our clients with a wide range, ensuring that each project is executed with maximum efficiency and safety.

- **Maintenance and replacement of parts:** Correct maintenance extends the life of the machinery and prevents breakdowns. We have facilities in Barcelona to offer the best maintenance service and guarantee the performance of our equipment. We have a wide **catalog of spare parts and trained personnel** to perform on-site maintenance. In addition, we offer maintenance training to our distributors and customers.
- **Custom design:** We offer personalized studies for our clients and distributors, presenting technical proposals for implementations and **customized projects for industry and construction**. We combine standard machinery with specific solutions to increase the profitability of the equipment. We design machinery at the highest level of complexity and depth.
- **Accesus Global Training:** We have developed an extensive commercial, technical and maintenance training program, which can be carried out at our facilities, at the client's or on site. We have experience working globally with partners around the world, ensuring that the more trainings are carried out, the greater the success.

COMMITMENT TO EXCELLENCE AND SAFETY

Our priority is people's safety. We strive to offer solutions tailored to each project, supported by a team of experts who provide consulting, advice, after-sales service and training. We have the certifications **ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018**, demonstrating our commitment to the environment, integrated quality management and occupational health.

We are people taking care of other people. For more information: www.accesus.es or call us at +34 93 475 17 73.

BARCELONA

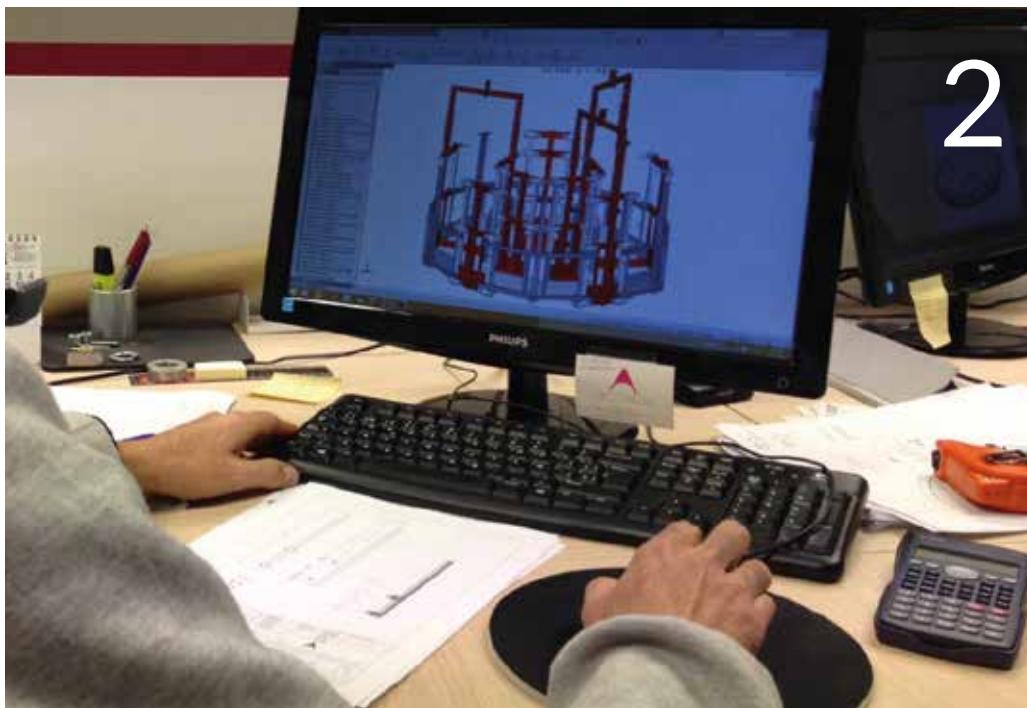


SERVICES



The provision of services is essential for a machinery manufacturer. We support our customers and our teams with this range of services:

- 1 **Maintenance and replacement of parts:**
Correct maintenance extends the life of the equipment and prevents breakdowns and technical assistance to the customer. Wide catalog of spare parts.
- 2 **Custom design:**
We design machinery at the highest level of complexity and depth.
- 3 **Global training:**
Continuous training for our clients to get the most out of Accesus equipment.



1. Maintenance and spare parts:

We have our own facilities in Barcelona to offer the best maintenance service. We can guarantee performance day after day, year after year. We also have staff to do **on-site maintenance**.

Our detailed maintenance plans are adapted to each case, each client and each type of use. We also offer **maintenance training** to our distributors and customers.



6.5.5. Desmontaje del eje motor:

Mediante una llave de 11/16, retirar los 2 tornillos M10 de la tala del eje motor: (IMAGEN 23)

Def. pieza: Tapa del eje motor. (11/16)

IMAGEN 23

Mediante una llave de 11/16, retirar el tornillo M10 con los componentes conjuntos: (IMAGEN 24)

Def. pieza: Arandela en espiral
Acornete alusina
(Cuerpo del eje motor)

24-038
24-230
215036

IMAGEN 24

RECOMENDACIÓN Y ADVERTENCIA:

Colocar el valor del motor manualmente hasta que el alineamiento del eje exterior quede en la posición indicada en la imagen. En esta posición, el chavetero del eje motor queda alineado con el alfiler permitiendo su extracción. (IMAGEN 25)

IMAGEN 25

Colocar el tornillo M10 manualmente (sin apretar con fuerza) para poder golpear y proceder a su extracción. Golpear primero con la maza de nylon y después con la arandla del cabezal del M10. (IMAGEN 26)

ACCIONES DE REVISIÓN Y MANTENIMIENTO				CÓDIGO DE REVISIÓN Y MANTENIMIENTO																					
Hoja de registro MR-002-01 Elevador eléctrico e IBS-01		<input type="checkbox"/> - T (Trifásico) <input type="checkbox"/> M (Monofásico)	<input type="checkbox"/> - Revisión <input type="checkbox"/> Reparación	Nº SERIE:	CLIENTE:																				
I. REVISIÓN DE MANTENIMIENTO				TIEMPO: 30'																					
<input type="checkbox"/> Prepara herramientas, materiales, EPIs y documentación. <input type="checkbox"/> Comprobar Nombre del equipo.																									
1.3	Inspección y revisión del armario eléctrico de maniobra. (4) Corriente permitida del equipo. Desconexión del equipo. Limpieza del equipo. (1)																								
Componente	Revisión / Mantenimiento	Rol	Plazo	Conforme	NO Conforme																				
1.1	Plato de arranque	21001	Plato de arranque	<input checked="" type="checkbox"/>	Reparado	Insuficiente																			
1.2	Plato de arranque	21001	Plato de arranque	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.3	Eléctrico del reactor	21001	Eléctrico del reactor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.4	Eléctrico del reactor	21001	Eléctrico del reactor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.5	Revisión sistema de presión	21001	Revisión sistema de presión	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.6	Revisión sistema de presión	21001	Revisión sistema de presión	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.7	Revisión sistema de presión	21001	Revisión sistema de presión	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.8	Revisión sistema de presión	21001	Revisión sistema de presión	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.9	General equipo	21001	General equipo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.10	Armario motor	(2)	(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
1.11	Armario motor	(2)	(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
NOTAS:		No utilizar agua u otros líquidos no especificados.																							
(1) IMPORTANTE! No tocar ninguno de los componentes del equipo, sino en el banco de desenergización. (2) Utilice la palga TACTO, en posición "OFF" para el elevador e IBS-01. (3) Diámetro mínimo 44 mm sobre cable de 40 Lmm. ANOTAR MEDIDA.		<table border="1"> <thead> <tr> <th>ACCIONES</th> <th></th> </tr> </thead> <tbody> <tr> <td>ACCION 4.1</td> <td>Tiempo: 30'</td> </tr> <tr> <td>ACCION 4.2</td> <td>Tiempo: 10'</td> </tr> <tr> <td>ACCION 4.3</td> <td>Tiempo: 10'</td> </tr> <tr> <td>ACCION 4.4</td> <td>Tiempo: 10'</td> </tr> <tr> <td>ACCION 4.5</td> <td>Tiempo: 10'</td> </tr> <tr> <td>ACCION 4.6</td> <td>Tiempo: 10'</td> </tr> <tr> <td>ACCION 4.7</td> <td>Tiempo: 30'</td> </tr> <tr> <td>ACCION 4.8</td> <td>Tiempo: 30'</td> </tr> </tbody> </table>						ACCIONES		ACCION 4.1	Tiempo: 30'	ACCION 4.2	Tiempo: 10'	ACCION 4.3	Tiempo: 10'	ACCION 4.4	Tiempo: 10'	ACCION 4.5	Tiempo: 10'	ACCION 4.6	Tiempo: 10'	ACCION 4.7	Tiempo: 30'	ACCION 4.8	Tiempo: 30'
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ACCION 4.8	Tiempo: 30'																								
(4) Ver documento MR-004. Manual de revisión y mantenimiento para armarios eléctricos. (5) Ver documento D-002. Ficha de recuento. Acumulado elevador eléctrico e IBS-01. (6) Hoja de funcionamiento ANOTAR MEDIDA.		Fecha: ____/____/____ Operario: _____ Firma: _____																							
76 / 76		Referencia: MR-002		Revisión y mant. F. 3.07.2011		Versión: 01																			
76 / 76		Referencia: MR-002		Revisión y mant. F. 3.07.2011		Versión: 01																			

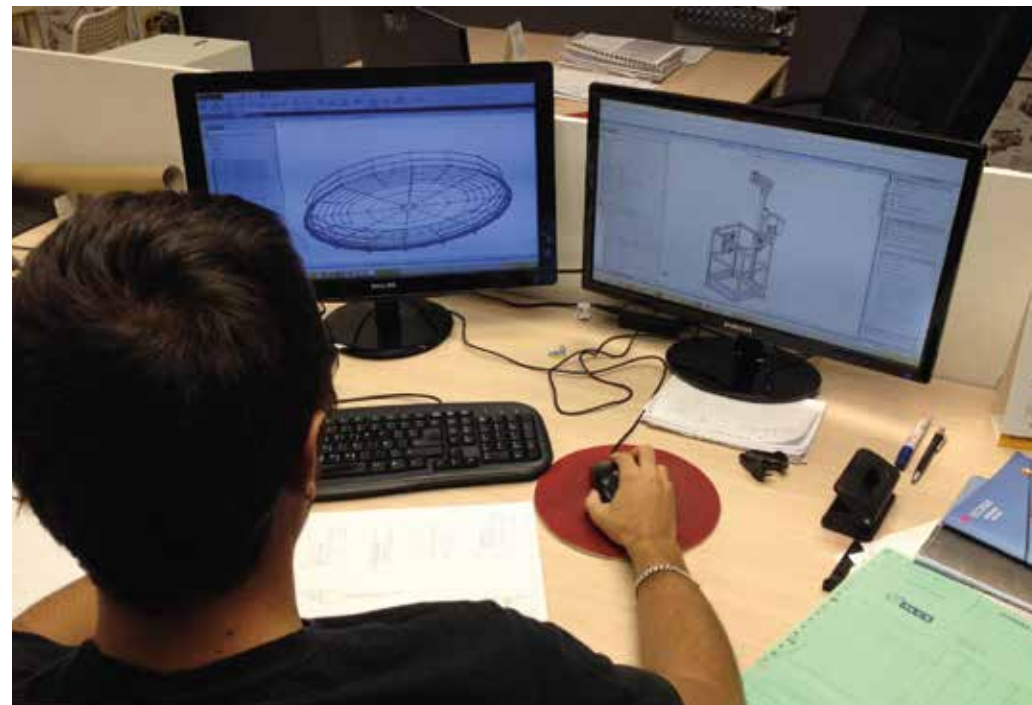
Checklist and step-by-step images of the check manual of an Accesus elevator.

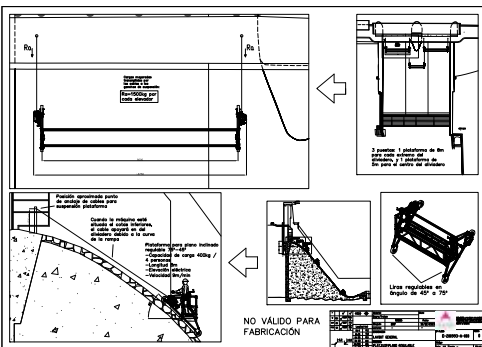
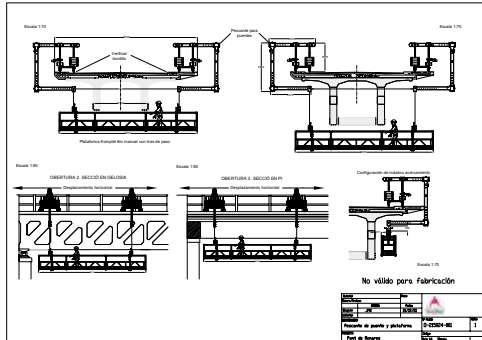
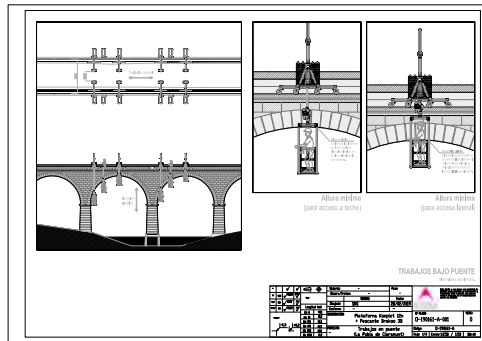
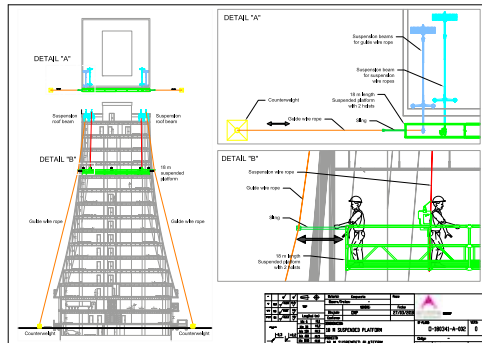
2. Bespoke Design:

We offer our clients and distributors our **personalized study service**. We present technical proposals for implementations and customized projects for industry and construction, combining the use of standard equipment to increase the profitability of the equipment.



Technical documents of Accesus products.





3. Accesus Global Training:

We've developed an extensive **training programme**: commercial, technical, maintenance in our own facilities, at the customer's premises or on site. We have experience working globally with partners all over the world. The more trainings, the greater the success.



Accesus official certification












Experience all over the world



Customer's in-house and Accesus facilities trainings.

In-depth studies and planning are conducted before any on-site implementation takes place.

LEVA

-  Wire rope hoist
-  WLL 500 Kg
-  Automatic cable passage
-  Unlimited working height
-  1 hoist model for all Accesus equipments
-  Stress and performance tested (+60.000 full load cycles & +350 hours)
-  Customisable with your company's corporate colour
-  Manufactured in Accesus facilities in Barcelona
-  CE certified for manriding



HOISTS



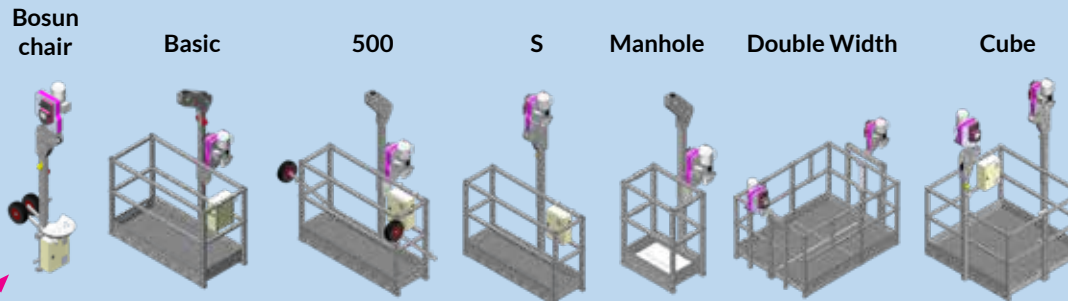
LEVA
wire rope hoist
500 Kg



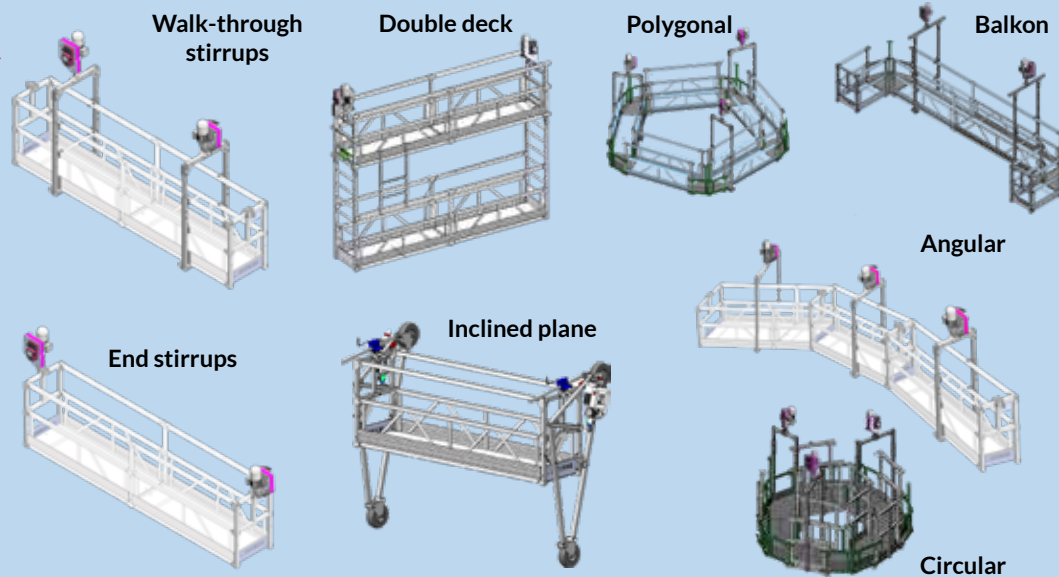
Manual
hoist
400 Kg

PLATFORMS

BASIC

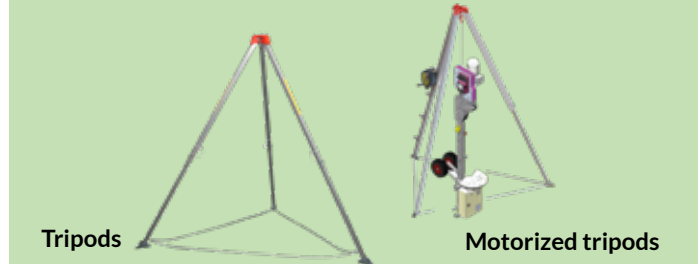
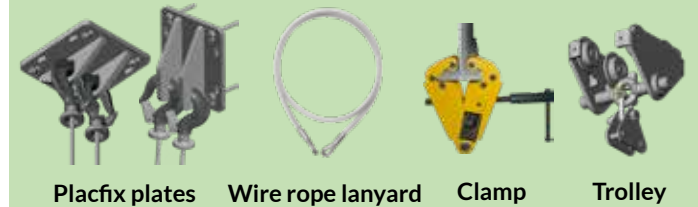
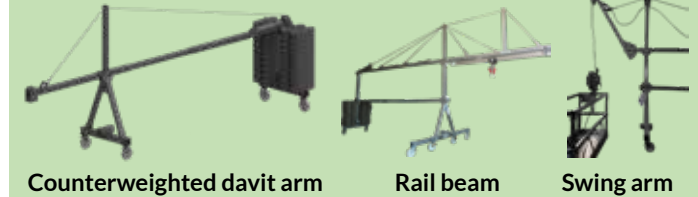


KOMPLET



RIGGING

BRAKOO



+100 different suspended platforms from
Accesus standard parts



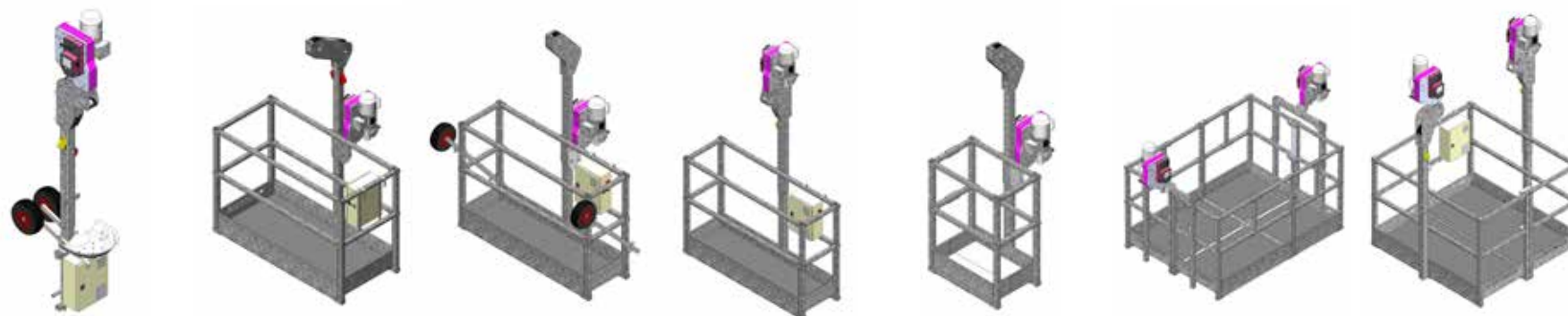
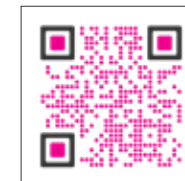
Equipment for **all sizes and
manholes**, useful in different
environments



Get new applications by adding few
parts (low investment)

PRODUCTS • BASIC SUSPENDED PLATFORMS





	BASIC S motorized chair	BASIC	500	S	Manhole	Double Width	Cube
Length / measures (min-max)	0,44 m	0,8 to 4,8 m	0,8 to 4,8 m	0,8 to 1,6 m	1,6 to 4,8 m	1,12 to 6,72 m ²	0,8 to 1,6 m 0,7 to 2,14 m ²
Max. load capacity 	1 120	1 to 4 120 to 400	1 to 4 120 to 400	1 to 2 120 to 240	1 to 4 120 to 400	1 to 4 400	1 to 2 240
Max. width	0,48 m	0,73 m	0,5 m	0,5 m	0,5 m	1,45 m	1 or 1,4 m
Manhole diameter	0,45 m	0,75 m	0,67 m	0,67 m	0,4 m	0,75 m	0,67 or 0,75 m
Material	Steel						
Standards	 Lifting people certified 2006/42/EC // EN 1808						

PRODUCTS • KOMPLET SUSPENDED PLATFORMS



Length / Configurations

Hoists number

Max. load capacity

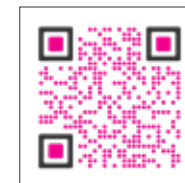



Max. width

Manhole diameter

Material

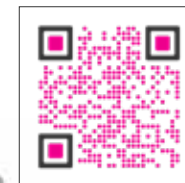
Standards



	End stirrups	Walk-through stirrups	Lifting tower	460	Balkon	Circular	Polygonal	Angular	Inclined plane	Double deck
	2 to 15 m	3 to 21 m	8 a 21 m	2 to 12 m	2 to 8 m	5 m	Squared, pentagonal, hexagonal, heptagonal, octagonal...	3 to 21 m	2 to 15 m	2 to 15 m
	2	2	2	2	2	3	3 or 4	3	2	2
	1 to 8 170 to 1.180	1 to 9 150 to 1.150	IDEM walk-through stirrups	2 to 6 250 to 720	2 to 4 420 to 550	1 to 3 600	Depending on the configuration	1 to 9 150 a 1.150	2 to 6 650	1 to 8 170 to 1.180 (each deck)
	0,73 m	0,73 m	0,73 m	0,46 m	0,73 m	0,73 m	0,73 m	0,73 m	45 to 75° angles	0,73 m
	0,75 m	0,75 m	0,75 m	0,65 m	0,75 m	0,75 m	0,75 m	0,75 m	1,05 m	0,75 m
	Aluminium									
	 Lifting people certified 2006/42/EC // EN 1808									

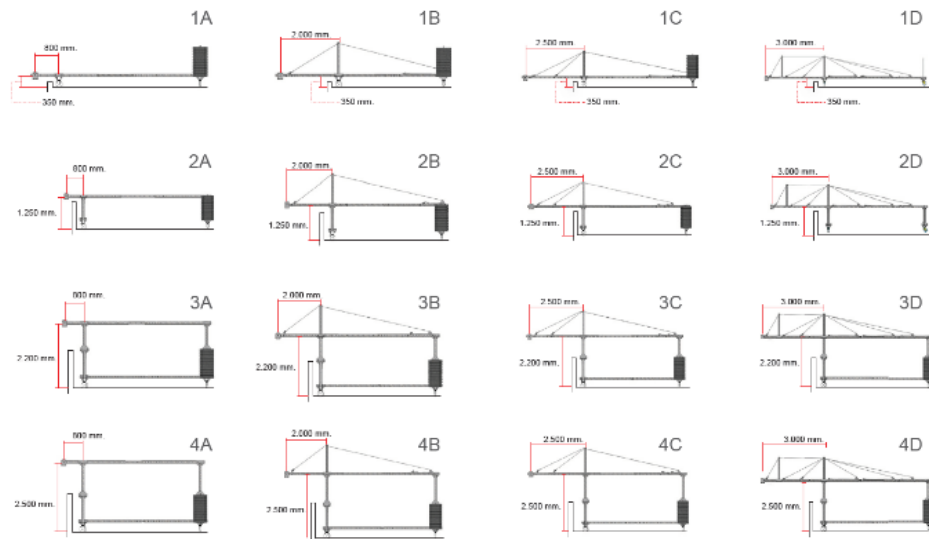
PRODUCTS • MODUBLADE WIND TURBINE SUSPENDED PLATFORMS







	II	U3.4	Double stirrup
Length / Configurations	1,6 or 2 m	3,4 m	1,6 or 2 m
Max. load capacity 	2 260 to 300	2 250	2 300
Max. length	2 m	3,4 m	1,6 m
Number of electric lifts	1	1	2
Anchorage points EN 795	3	3	6
Compatibility	Maximum wind turbine height 200 m, without distance restriction between tower and blade tip.		
Material	Aluminium		
Standards	 Lifting people certified 2006/42/EC // EN 1808		

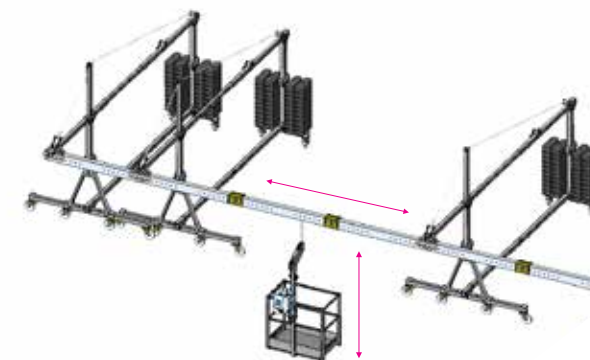
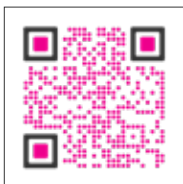
PRODUCTS • RIGGING





	BRAKOO davit arm															
BRAKOO models	1A 1B 1C 1D 2A 2B 2C 2D 3A 3B 3C 3D 4A 4B 4C 4D															
Max. load capacity 	1.000															
Min & max. outreach	0,3 - 3 m															
Min. & max. length	2,3 - 8,3 m															
Height under the beam	0,35 m (1 models) / 1,25 m (2 models) / 2,2 m (3 models) / 2,5 m (4 models)															
Uses	Modular device with counterweights designed to support all types of suspended scaffolding for lifting people and loads.															
Material	Galvanized steel															
Standards	 Lifting people certified				2006/42/EC // EN 1808											

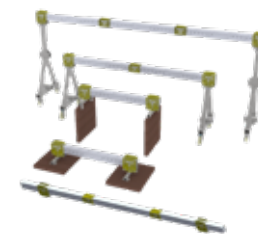
*Concrete and cast iron counterweights available:





	Railed BRAKOO	Swing arm BRAKOO	Railed support BRAKOO
BRAKOO compatibility	2B 2C 2D 3B 3C 3D 4B 4C 4D models	2B 3B 4B models	All BRAKOO & BEEPA models
Max. load capacity 	1.000	1.000	500
Max. outreach	3 m	2 m	3 m
Min. & max. length	2,3 - 8,3 m	2,3 - 6,3 m	Unlimited total rail length
Height under the beam	1,25 m (2B 2C 2D) / 2,2 m (3B 3C 4D) / 2,5 m (4B 4C 4D)	1,25 m (2B) / 2,2 m (3B) / 2,5 m (4B)	0,35 m (1) – 1,25 m (2) – 2,2 m (3) – 2,5 m (4)
Uses	Suspended platform can be moved along the davit arm by a trolley, thus increasing the working length	Places with little maneuverability and where walls of up to 2 m have to be overcome. We can reach up to 4 m height	Access by means of one or more suspended platforms to the whole work surface (vertically and horizontally)
Material	Galvanized steel		
Standards	 Lifting people certified 2006/42/EC // EN 1808		

PRODUCTS • RIGGING



BEEPA gantry

Max. load
capacity



1.000

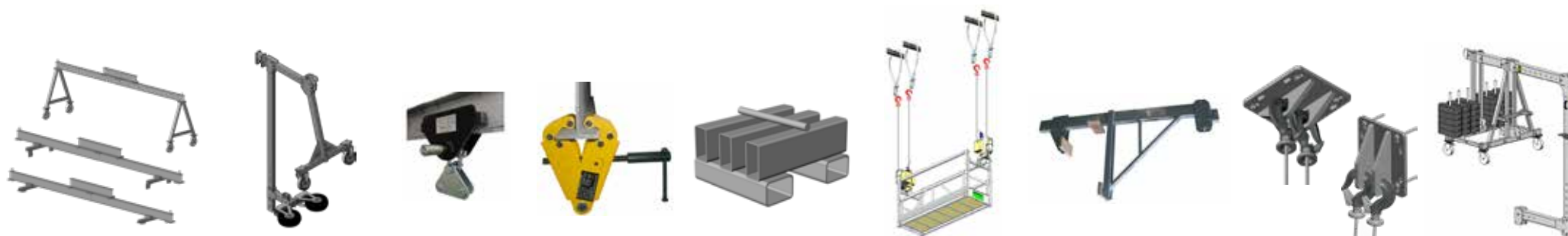
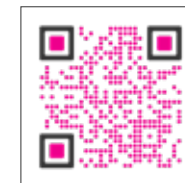
Main
features

Lengths: 2 - 4 - 6 m

Material

Aluminium

Standards



	Beam-davit	Tank davit	Trolley	Clamp	Mini gantry turret	Wire rope lanyard	Parapet clamp	Placfix & Placfix V	Bridge davit
	500	500	500	500 or 1.000	500	800	500 or 800	800	800
	Lengths: 2 - 4 m	0,7 m outreach	50 to 220 mm	75 to 230 mm	Dimensions: 430 x 350 x 225 mm	Ø10 mm	0,35 to 0,6 m sensibilisation	Dimensions: 250 x 225 x 92 mm	0,75 to 1,13 m outreach
	Galvanized steel		Steel					Galvanized steel	

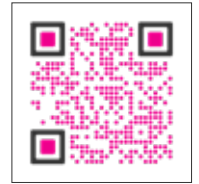





Lifting people certified

2006/42/EC // EN 1808

PRODUCTS • CG CRANE BASKETS

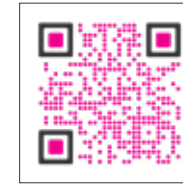
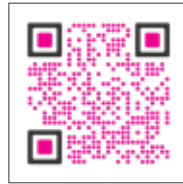






	CG 0.6	CG 200	CG 300	CG 600	CG 900	CG 900 with rescue stretcher	Load test tool for CG 300 & CG 600
Weight 	125	142	150	250	350	350	375
Max. load capacity 	1 300	2 342	2 300	5 600	3 350	3 350	-
Modules	2	1	1	2	3	3	1 for CG 300 (roof & roofless model) 2 for CG 600 (roof & roofless model)
Anchorage points EN 795	1	2	2	5	3	3	-
Material	Steel						Steel and high-density concrete
Standards	 Lifting people certified			Bureau Veritas certified // EN 14502-1			NTP 956

PRODUCTS • CONFINED SPACE SOLUTIONS






		Motorized arm AVAHO	Manual arm AVAHO-M	Motorized trolley AVAHO-S	Motorized tripod AVAHO-T	Suspension tripod with manual chair	Suspension tripod with motorized chair
Max. load capacity		1 280	1 400	1 280	1 120	1 120	1 120
Hoist		Electric	Manual	Electric	Electric	Manual hoist placed in the chair	Electric hoist placed in the chair
Max. working height		50 m	60 m	50 m	Unlimited		
Uses		Solutions for lowering and rescuing people in silos, manholes, tanks, sewage treatment plants, hoppers, furnaces... ATEX possibility				Temporary use for inspection and maintenance work on vertical surfaces and reduced spaces such as patios, tanks, wells or chimneys	
Material		Aluminium & steel					
Standards		 Lifting people certified		2006/42/EC // EN 795 B // EN 1496 // EN 1808 // TS 16415			

PRODUCTS • CONFINED SPACE EQUIPMENT



Max. load capacity 

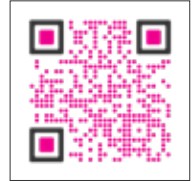
Opening diameter
under Tripod

Height

Uses

Material

Standards




	TRI 9	TRI 13	TRI 12 S	TRI 12 H	TRI 14	TRI 15	TRI 16
	1 500	2 1.000	2 1.000	2 1.000	2 1.000	3 1.000	3 500
	Ø1,4 to 2,13 m	Ø1,73 to 2,71 m	Ø1,5 to 2,23 m (tripod)	Ø1,5 to 2,23 m (each tripod)	Ø1,73 to 2,71 m	Ø1,12 a 1,74 m	Ø1,16 a 2,84 m
	1,47 to 2,3 m	1,79 to 2,9 m	1,39 to 2,21 m	1,39 to 2,21 m	1,79 to 2,9 m	1,95 to 3,11 m	1,05 to 1,66 m
	Solutions for lowering and rescuing people in silos, manholes, tanks, sewage treatment plants, hoppers, furnaces... ATEX possibility						
	Aluminium alloy					Anodizing in zinc-plated steel and aluminum	Aluminium and stainless steel
	Regulation (EU) 2016/425 // EN 795 B // EN 1496 // TS 16415						

PRODUCTS • CONFINED SPACE EQUIPMENT





	PCP-K	PCP-L	PCP-A	PCP-H	BAS
Max. load capacity 	2 500	5 500 a 2.000	5 1.500 a 3.500	5 3.000 a 5.000 a	5 1.000
Beam lengths available	2 to 6 m	2 to 7 m	2 to 9 m	3 to 7 m	4 to 7 m
Height	2,1 to 3 m	1,6 to 6,43 m	1,6 to 6,43 m	2,6 to 5,7 m	1,6 to 6,43 m
Uses	For lifting loads, fall protection, rescue or handling of tools in confined spaces, work on tankers, lifting loads and people at events, etc.				
Material	Aluminium				
Standards	Regulation (EU) 2016/425 // EN 795 B // EN 1496 // TS 16415				

BESPOKE PROJECTS



◀ **Circular suspension platform for chimney work**
Circular (pentagonal) suspended platform designed for chimney works.



◀ **Demolition of a chimney using a suspended platform with a robot**
Suspended robot platform for chimney demolition.



▲ **Platform for converter coolant (BOF maintenance)**
Large-format permanent platform to descend into conduits of more than 60 meters high inside a steel mill.



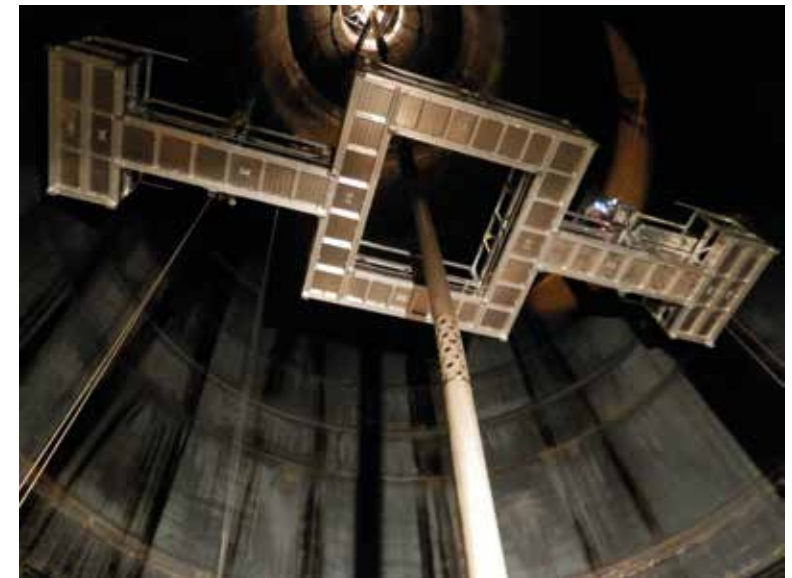
◀ **Suspended platforms for construction of designer buildings**
Double deck platform for construction of ventilated façade and KOMPLET platform with special suspensions for construction of curved buildings.



◀ **Angular suspended platforms for maintenance inside the silo**
Design, manufacturing, customer training and assembly of 4 customised suspended platforms and 2 KOMPLET suspended platforms with special beams.



BESPOKE PROJECTS



▶ **Custom suspended platform for paper industry**
Special design of suspended scaffolding for paper industry digester.



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