

BLINDAGGIO DOWN



SISTEMI DI BLINDAGGIO DOWN

Sono sistemi integrati per il contenimento di scavi in trincea, conformi alle norme europee pr EN 13331-1/2. Utilizzando elementi base e pochi accessori si realizza il sistema più idoneo a seconda delle necessità del cantiere, assicurando: sicurezza, produttività e flessibilità.

Blindaggio Down a guide semplici:

è un sistema di cassetteria continuo, costituito da portali contrastati da vitoni a doppio effetto, alternati a pannelli da 3.15 m di lunghezza. Ideale per scavi in trincea da 1.0 a 4.0 m di larghezza e profondità da 3.5 - 4.0 m in terreni di qualsiasi natura anche in presenza d'acqua.

Blindaggio Down a guide doppie è la soluzione più efficace per condizioni di lavoro particolarmente complesse e profondità di scavo elevate. La cassetteria in continuo permette di operare con luci libere da 1.5 a 5.0 m e profondità fino a 6.0 m.

Le guide doppie "asolate" consentono di posizionare i vitoni di contrasto ad altezze desiderate per facilitare tutte le operazioni a fondo scavo. Per l'esecuzione di condotte gettate in opera è possibile utilizzare la cassetteria Down come contenimento esterno del getto con evidenti economie di esercizio. Tutte le fasi di messa in opera si eseguono con il procedere dello scavo, con il solo escavatore e un addetto a supporto, per produttività e standard di sicurezza elevati.

Blindaggio Down a cassone: nella versione base e nella versione "Simplex", è la soluzione ideale per scavi di condotte fognarie e condotte d'acqua, in terreni di buona consistenza. Il modulo tipo è costituito da due pannelli contrastati da puntoni regolabili a vite o da puntoni telescopici che consentono larghezze variabili da 1,2 a 3,5 m circa e profondità fino a 3.5 - 4.0 m.

DOWN TRENCHLINING SYSTEMS

Down Trenchlining are integrated systems, complying with European Regulations EN 13331-1/2, designed to support any excavation work. Safety, production and flexibility are assured using just a few essential elements and accessories.

Down Trenchlining with simple guiding:

this is a system of continuous armoring made up of panels held apart by dual-effect struts, alternating with panels of 3.5 m in length. The simple guiding system is ideal for use in excavations of between 1 m and 4 m in length and a depth of between 3.5 m and 4.0 m, in any soil type, even those with a high water content.

Down Trenchlining with double guiding:

in deeper and more complex excavations, this system has proved to be particularly effective. The continuous seal facilitates easy operation on the surface from between 1.5 m and 5.0 m and to a

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depth of up to 6.0 m. The "buttonhole" double guides allow the contrasting screws to be placed at the optimum height, enabling continuity of work at the base of the excavation.

The Down continuous seal can also be used for casting pipe lines, greatly speeding up operation times. Excavations can be completed using just one excavator and one operator – a high quality finished product produced in a perfectly safe environment.

Down Trenchlining with a caisson: in both the standard and the "Simplex" versions, the use of the caisson is ideal for sewage and water pipe excavations where cross-overs and obstacles are often encountered. The standard model is made up of two panels held by struts with adjustable screws or by telescopic struts allowing a variable width from c.1.2 m to c. 3.5 m and a depth of between 3.5 m and 4.0 m.

SISTEMAS DE ENTIBACION DOWN

Las entibaciones Down son sistemas integrados para la contención de terrenos de acuerdo a las normas europeas pr EN 13331-1/2. Seguridad, productividad y flexibilidad están aseguradas, cubriendo todas las necesidades de la obra, utilizando los elementos base y unos pocos accesorios.

Sistema Down a guía simple: es un sistema de armadura continua, formado por paneles apuntalados por codales de doble efecto, alternándose con paneles de 3.15 m de longitud. Es ideal para excavaciones de 1.0 a 4.0 m de ancho y profundidad 3.5 - 4.0 m en cualquier tipo de terreno, incluso con agua.

Sistema Down a guía doble: la solución mas eficaz para condiciones de trabajo particularmente complicadas o a profundidades elevadas. Los paneles en continuo permiten el trabajo en zonas que

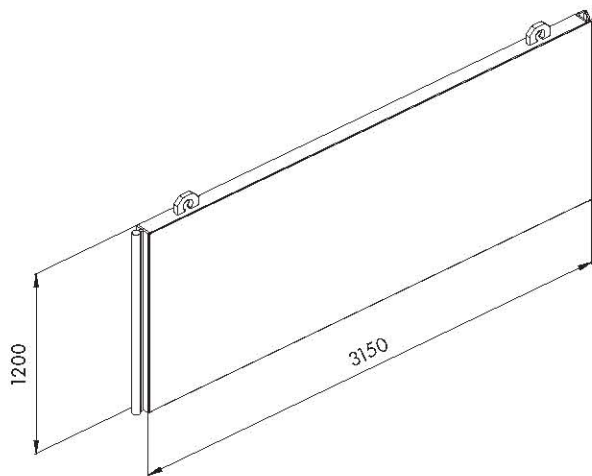
varían de 1.5 a 5.0 m de ancho y 6.0 m de profundidad. Las guías dobles a ojal permiten colocar los codales y distanciadores a la altura deseada para facilitar el trabajo en la base de la excavación. Es posible utilizar los paneles Down como contención del hormigonado con evidente ahorro en la ejecución de la obra. Todas las fases de trabajo se pueden realizar con una sola excavadora y una persona de apoyo para poder obtener una elevada productividad y seguridad.

Sistema Down a cajón: en la version base y la version "Simplex", es la solución ideal para excavaciones de alcantarillado y conductos de aguas, en terrenos de buena consistencia. El módulo base está formado por dos paneles unidos por codales con adaptadores de longitud variable o distanciadores telescópicos que permiten una anchura variable de 1.2 m a 3.5 m y profundidad de 3.5 - 4.0 m.

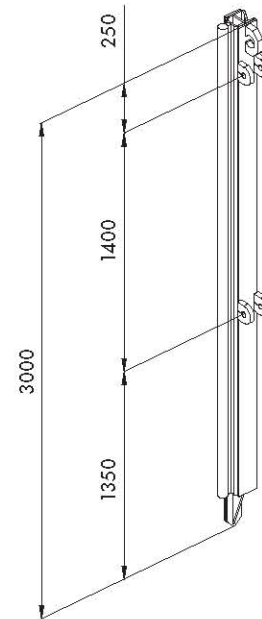
DOWN A GUIDE SEMPLICI

PRODOTTO	DIMENSIONI	PESO	CODICE
PRODUCT	SIZE	WEIGHT	CODE
PRODUCTO	MEDIDA	PESO	CODIGO
Pannello Down	LxA mm	kg	
Down panel	3150x1200	464	601120
Panel Down	4150x1200*		

* su richiesta

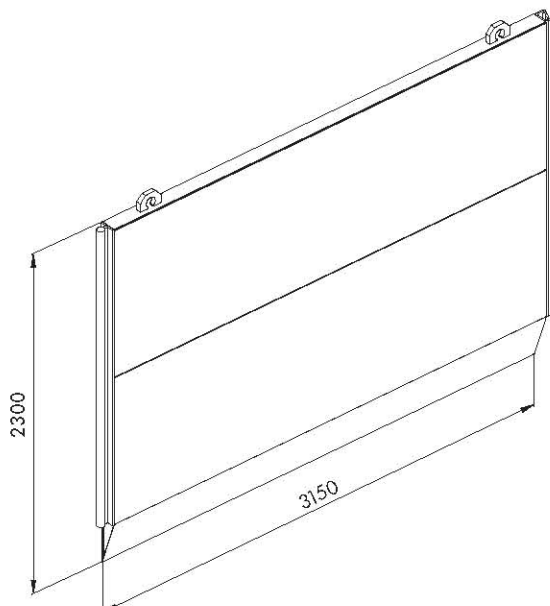


PRODOTTO	DIMENSIONI	PESO	CODICE
PRODUCT	SIZE	WEIGHT	CODE
PRODUCTO	MEDIDA	PESO	CODIGO
Guida semplice Down	A mm	kg	
Down sliderail	3000	199	602300
Guía simple Down			



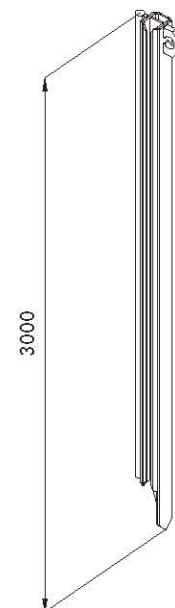
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PRODUCT	SIZE	WEIGHT	CODE
PRODUCTO	MEDIDA	PESO	CODIGO
Pannello Down	LxA mm	kg	
Down panel	3150x2300	739	601100
Panel Down	4150x2300*		

* su richiesta



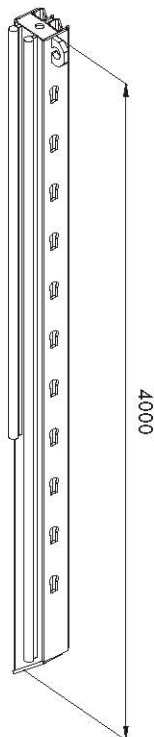
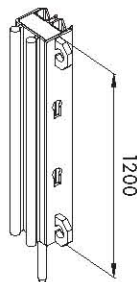
PRODOTTO	PESO	CODICE
PRODUCT	WEIGHT	CODE
PRODUCTO	PESO	CODIGO
Guida semplice ad angolo 3000*	kg	
Simple sliderail for corner 3000		60.....
Guía de ángulo simple 3000		

* su richiesta

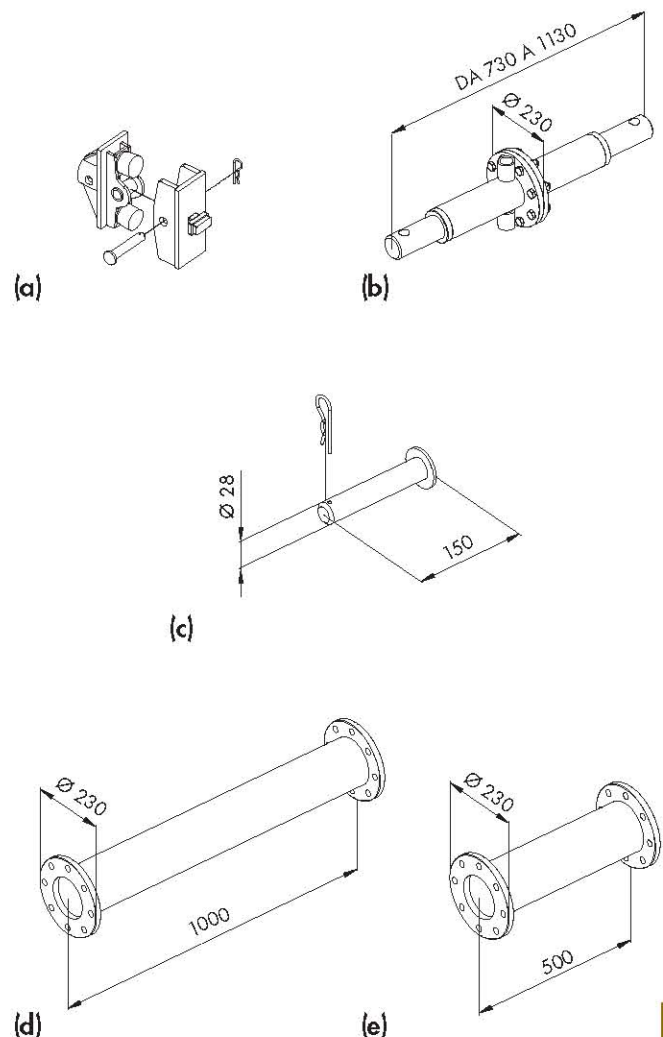


DOWN A GUIDE DOPPIE

PRODOTTO	DIMENSIONI	PESO	CODICE
PRODUCT	SIZE	WEIGHT	CODE
PRODUCTO	MEDIDA	PESO	CODIGO
Sopr. guida doppia con asole Down (a)	A mm	kg	
Down double sliderail extension with slots Sobre-elevación guía doble Down con ojales completa	1200	171	603414
Guida doppia con asole Down (b)	A mm	kg	
Double sliderail with slots Guía doble con ojales	4000	502	603402

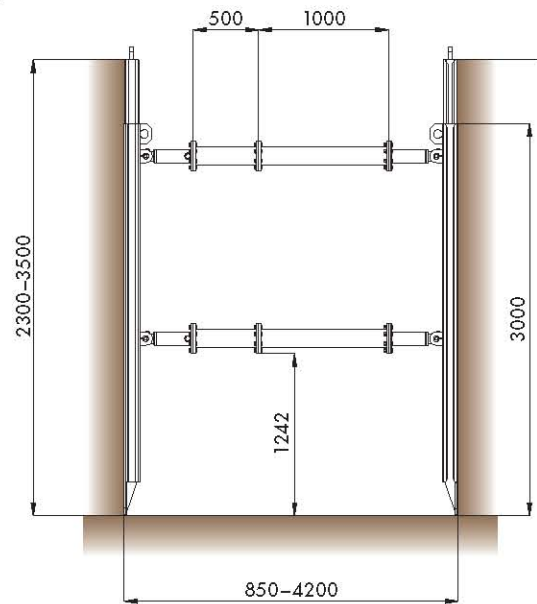
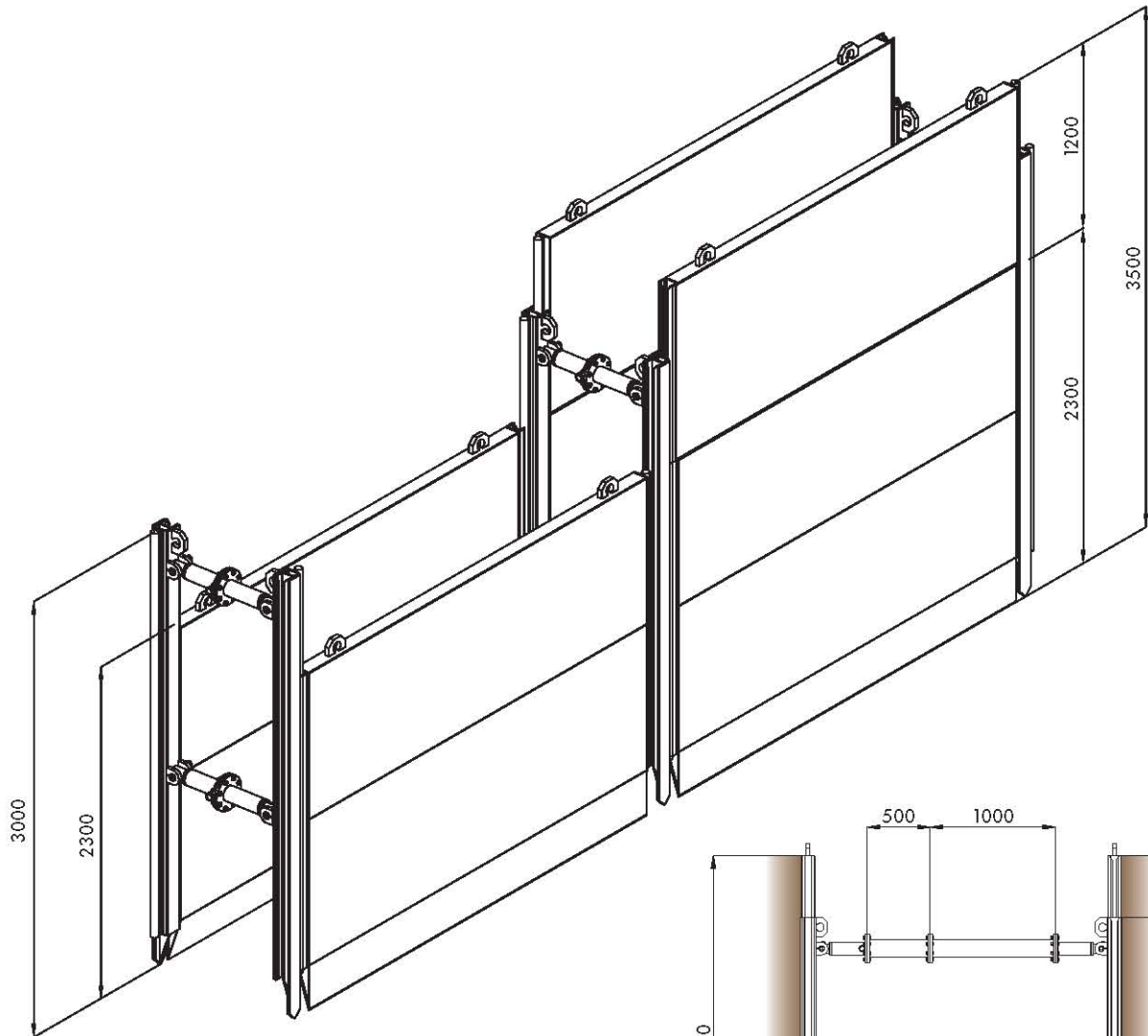


PRODOTTO	PESO	CODICE
PRODUCT	WEIGHT	CODE
PRODUCTO	PESO	CODIGO
Staffa colleg. guida asolata-vitone (a)	kg	
Down complete strut fixing for slotted guide Abrazadera conexión guía ojalada - codal, completa Down	23	604102
Vitone a doppio effetto flangiato (b)	kg	
Down flanged double effect strut with bolts Codal de doble efecto arandelado con bulones	55	604000
Spina Ø28 per vitone con copiglia (c)	kg	
Down locking pin D. 28 mm for strut Bulón diám. 28 mm para codal con chaveta elástica Down	0,7	604016
Prolunga flangiata da 1000 (d)	kg	
Down flanged strut extension of 1000 Prolongador arandelado de 1000 Down	31	605100
Prolunga flangiata da 500 (e)	kg	
Down flanged strut extension of 500 Prolongador arandelado de 500 Down	19	605050



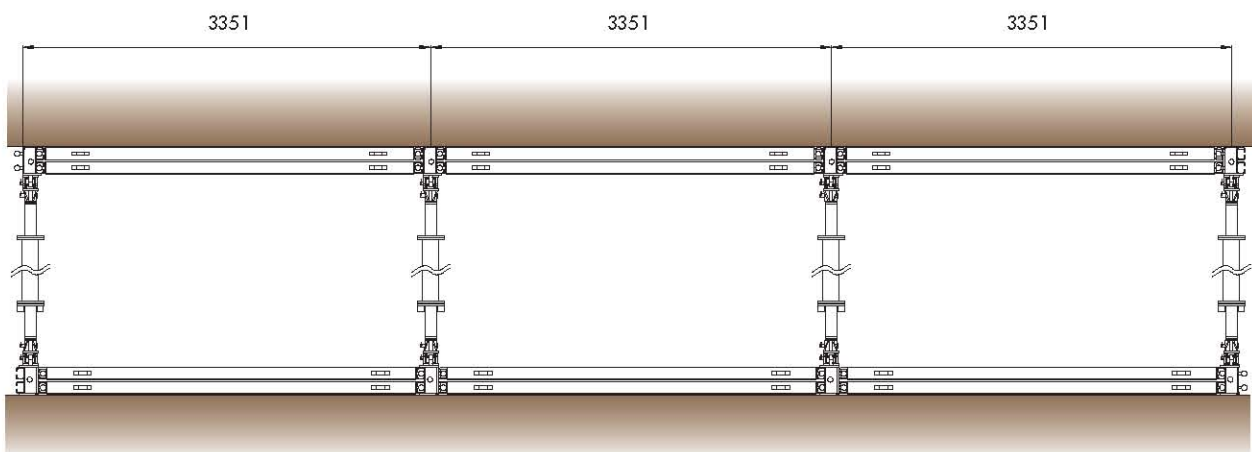
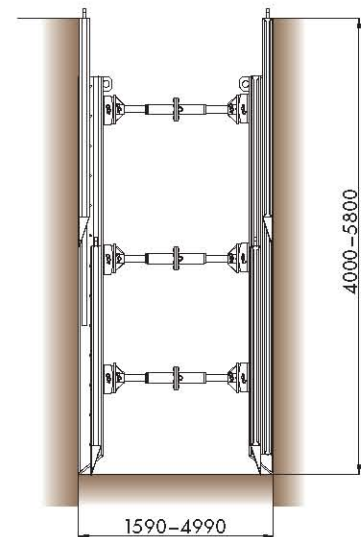
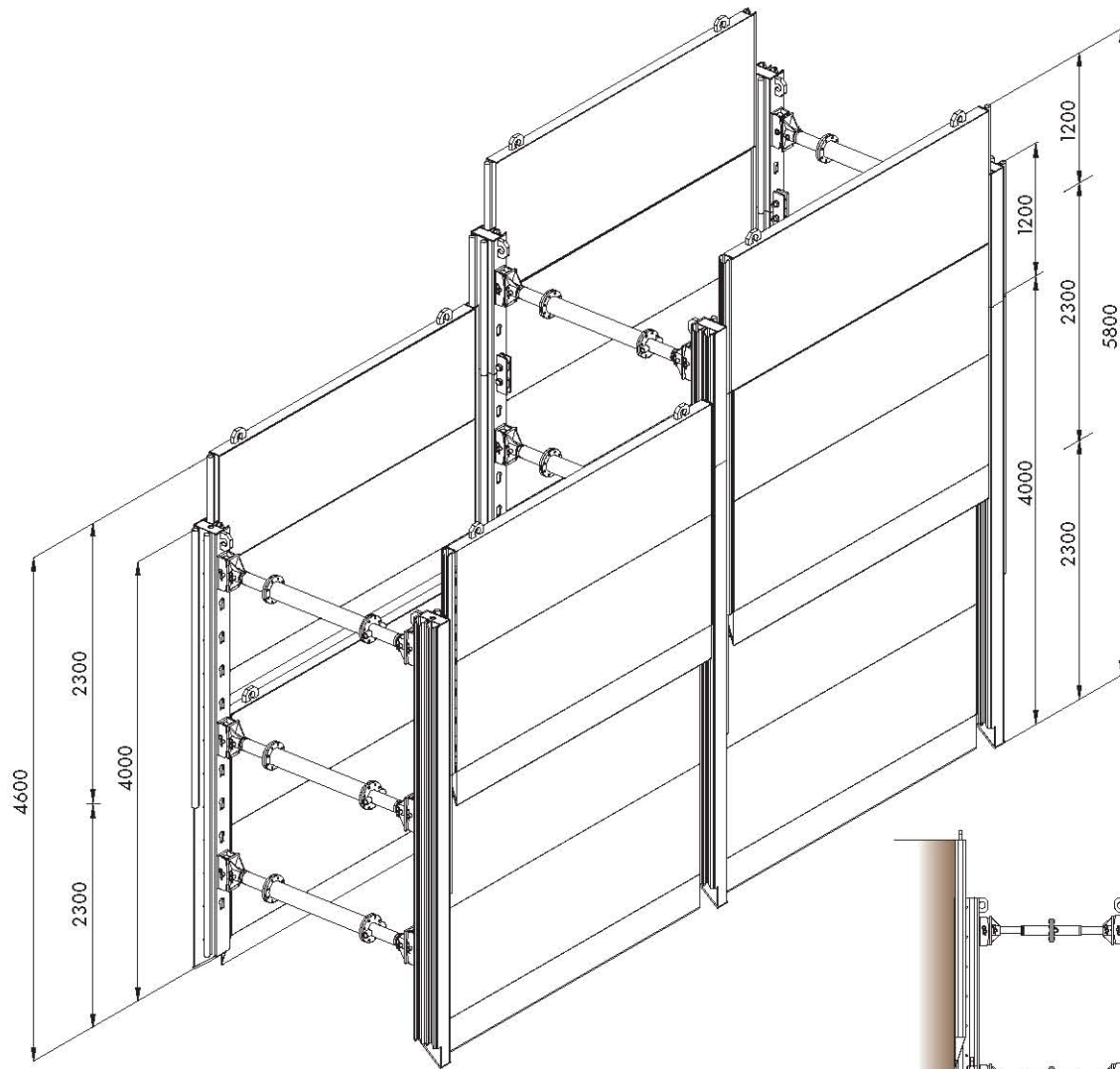
DOWN A GUIDE SEMPLICI

APPLICAZIONI



DOWN A GUIDE DOPPIE

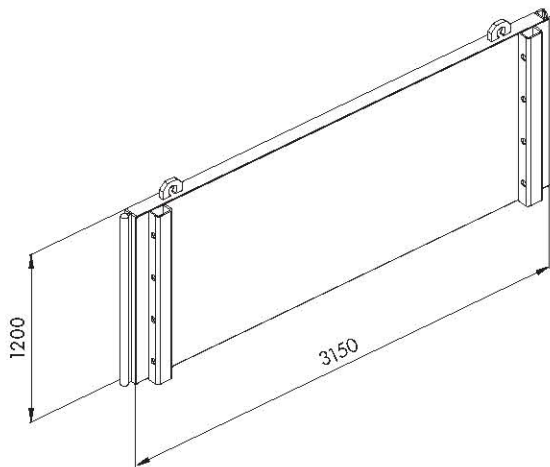
APPLICAZIONI



DOWN A CASSONE

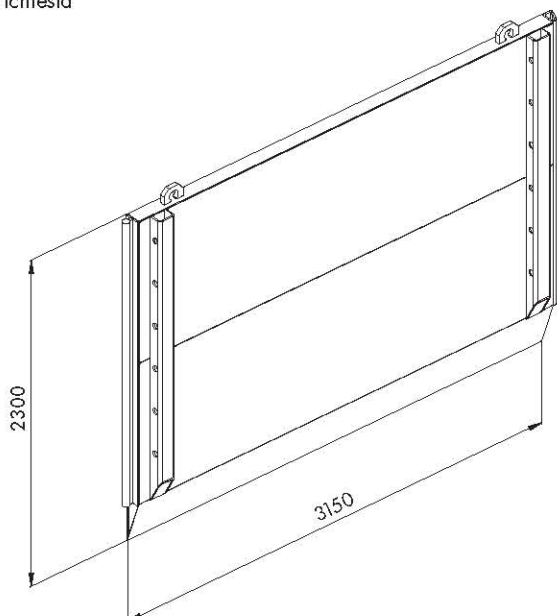
PRODOTTO	DIMENSIONI	PESO	CODICE
PRODUCT	SIZE	WEIGHT	CODE
PRODUCTO	MEDIDA	PESO	CODIGO
Pannello a cassone	LxA mm	kg	
Down box panel	3150x1200	511	601520
Panel Down Cajón	4150x1200*		

* su richiesta

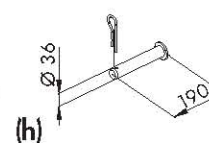
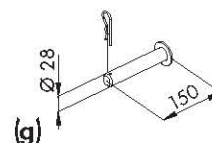
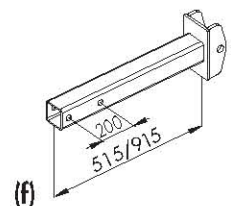
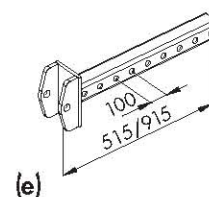
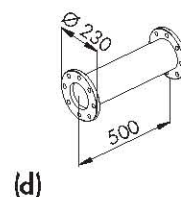
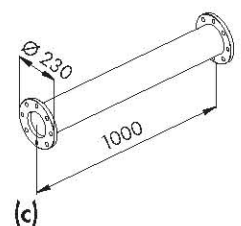
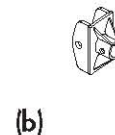
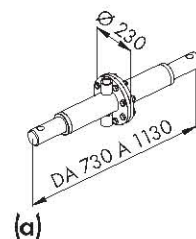


PRODOTTO	DIMENSIONI	PESO	CODICE
PRODUCT	SIZE	WEIGHT	CODE
PRODUCTO	MEDIDA	PESO	CODIGO
Pannello a cassone	LxA mm	kg	
Down box panel	3150x2300	815	601500
Panel Down Cajón	4150x2300*		

* su richiesta

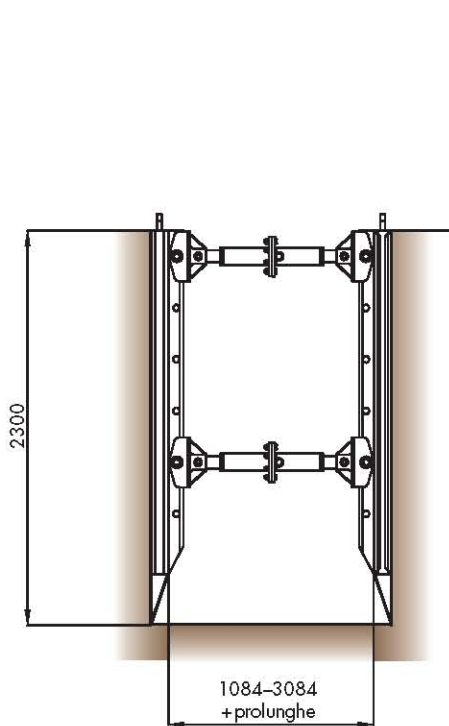
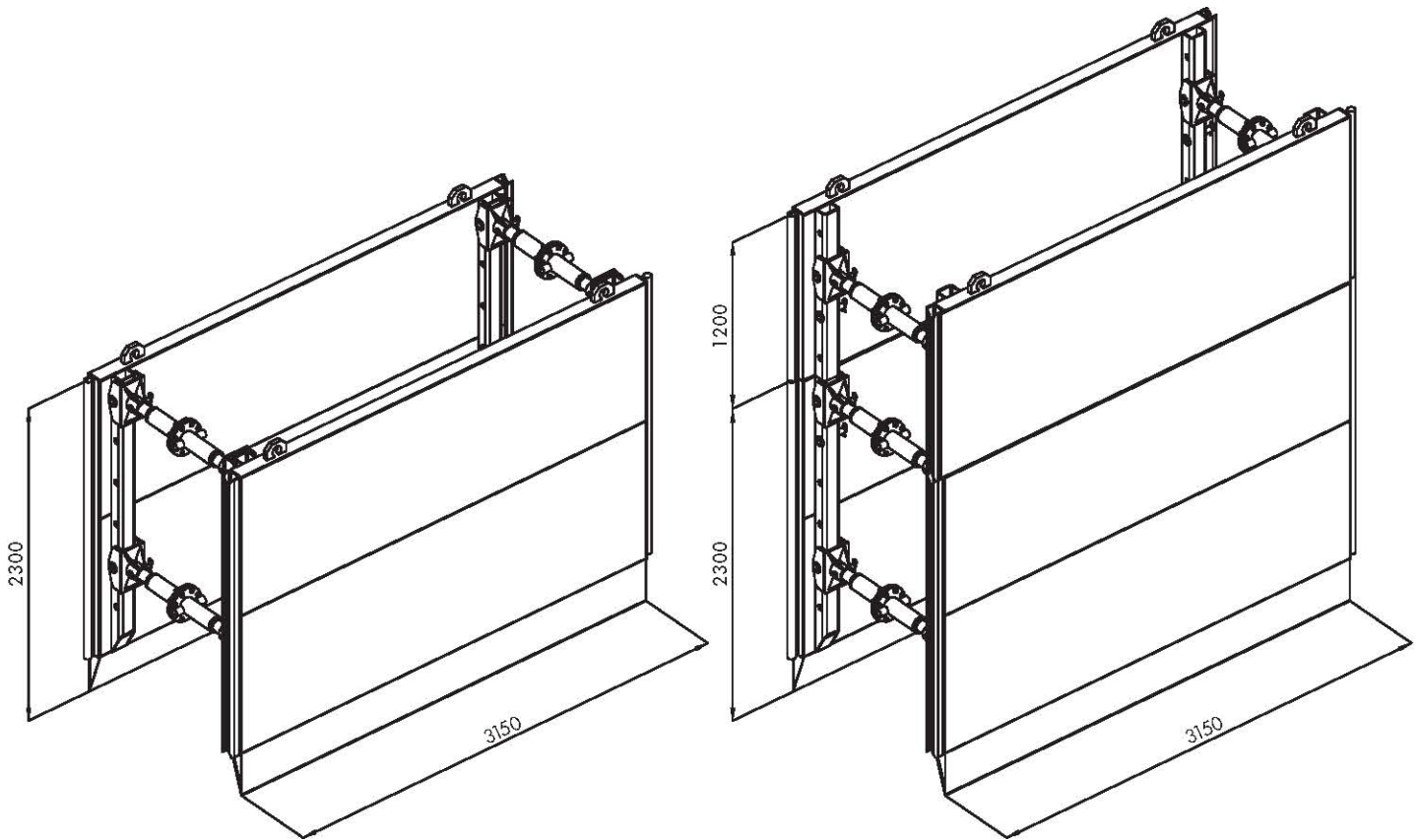


PRODOTTO	PESO	CODICE
PRODUCT	WEIGHT	CODE
PRODUCTO	PESO	CODIGO
Vitone a doppio effetto flangiato (a)	kg	
Down flanged double effect strut with bolts	55	604100
Codal de doble efecto arandelado con bulones		
Attacco vitone per cassone (b)	kg	
Down strut fixing for box elements	18	605100
Ataque codal para cajón Down		
Prolunga flangiata da 1000 (c)	kg	
Down flanged strut extension of 1000	31	605050
Prolongador arandelado de 1000 Down		
Prolunga flangiata da 500 (d)	kg	
Down flanged strut extension of 500	19	605100
Prolongador arandelado de 500 Down		
Distanz. maschio (e) femmina (f) da 515	kg	
Male (e) and female (f) spacer of 515	33,1 (e)	605020
Separador macho (e) y hembra (f) de 515	24,6 (f)	605015
Distanz. maschio (e) femmina (f) da 915	kg	
Male (e) and female (f) spacer of 91.5	37,6 (e)	605010
Separador macho (e) y hembra (f) de 91.5	27,1 (f)	605005
Spina Ø28 per vitone con copiglia (g)	kg	
Down locking pin D. 28 mm for strut	0,7	604016
Bulón diám. 28 mm para codal con chaveta		
elástica Down		
Spina Ø36 per cassone con copiglia (h)	kg	
Down locking pin D. 36 mm for box elements	1,6	604120
Bulón diám. 36 mm para cajón con chaveta		
elástica Down		

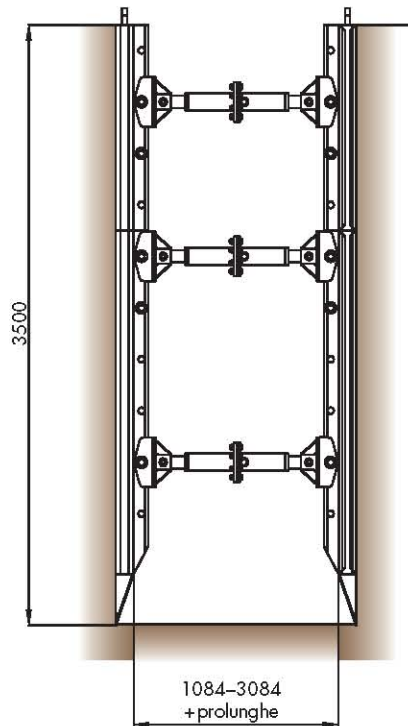


DOWN A CASSONE

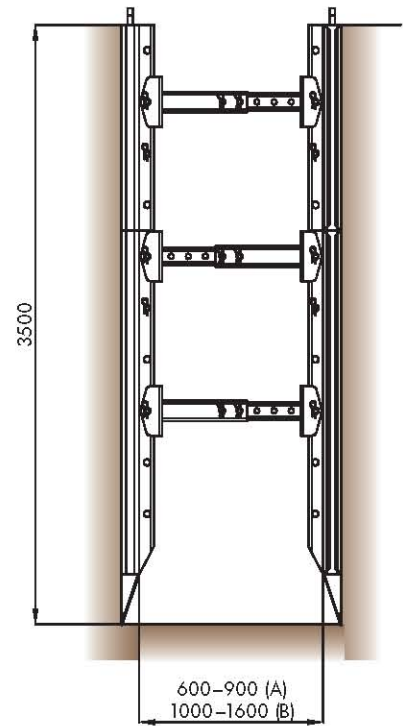
APPLICAZIONI



versione cassone base



versione cassone base



versione cassone simplex