

PRODUCT CATALOG



www.sgbdabal.com



Health and Safty Policy

SGB Al-Dabal Health and Safety Policy:

As a Kingdom-wide organization, it is essential that we adhere to all relevant health and safety standards. Such standards are the key component of SGB Al-Dabal's core value of integrity and ethical business practices.

SGB Al-Dabal believes that creating a safe and healthy work environment is responsibe for. In support of this belief, SGB Al-Dabal maintains a corporate health and safety program that is aligned with the following principles:

- 1 **Will** meet kingdom-wide best practices and comply with legal standards wherever our teams are working.
- 2 **Ensures** that all employees and other contracted workers understand that working safely is a condition of employment and that they are each responsible for their own safety and the safety of those around them.
- 3 **Clearly** defines the health and safety roles and responsibilities of all employees in order to meet the requirements of this policy.
- 4 Clearly outlines the resources and tools needs for successful implementation and maintenance of this policy to ensure continuous improvement.
- 5 **Creates** an executive health and safety working council with the corresponding working committee to oversee and review the effectiveness of this policy.
- 6 **Is supported** by policies, procedures and guidelines that are developed and implemented according to applicable international standards.
- 7 **Is risk-based**, with an emphasis on effective control of workplace health and safety.
- 8 **Regularly** measures and evaluates compliance via a disciplined Compliance Assurance process.

CUPLOK SCAFFOLDING SYSTEM



Cuplok's unique locking system makes it the world's fastest, safest and most economic scaffolding system

The Cuplok Fastening Method

The success of Cuplok lies in the 'node point' or fastening method. Four horizontals can be fastened at one time, making a very rigid connection. The horizontals bear directly on the verticals and are firmly clamped by the action of the top cup.

There are no loose parts to lose. The rigid node point allows for high horizontal loads experienced with a 57kN leg load. Cuplok is made from the highest quality steel providing great strength while being light and easy to handle.

Flexibility

When investing in equipment, it must be as versatile as possible, and SGB Dabal Cuplok is ideal for many applications: formwork support, general access, circular scaffolding, mobile towers, loading towers and many other uses.

Speed of Erection

Speed of erection and simplicity are the keys to Cuplok's success. It can be erected 75% faster than traditional scaffolding. It is much easier to erect than other methods. Components can be fastened easily and quickly. Designed to be tough, Cuplok is highly resistant to damage.

Cost Saving

SGB Dabal Cuplok will provide you with important cost savings as a result of its speed of erection. It can be erected by unskilled labours and can be used in a variety of applications. The high leg loading will reduce the number of components required compared with other methods.

Versatility

Cuplok has been used successfully in many different markets and applications in Europe, Africa, the Middle East and Far East since its introduction.

Guarantee

Our confidence in Cuplok is such that we give a guarantee on all purchases. This is our re-assurance to you that Cuplok really is the finest scaffold system available.

Cup Locking Procedure



- 1- Locate the blade end of ledgers and transoms into lower cup.



- 2- Slide the upper cup down the standard and rotate.



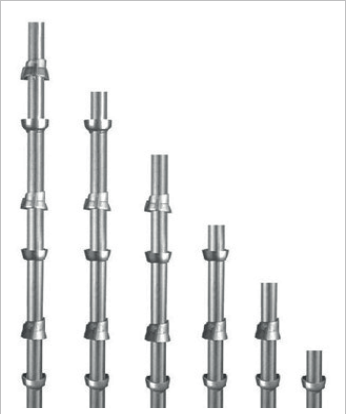
- 3- Tighten with a hammer blow.



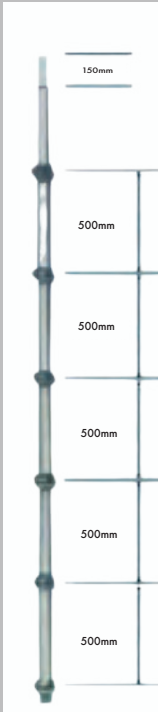
- 4 - A positive and rigid connection of up to four units is achieved in one single action

Vertical Standard

Cuplok Verticals are available to suit any propping or access application economically. The verticals can be used for support or access as required. The connection point is set at 50cm vertical intervals for maximum versatility in use. The lower cups are welded in position, the upper are moveable. Cups are retained by a fixed stop. The verticals are drilled for the fixing of the spigot joint. A retaining pin can be used to restrain upward forces if required. There are no loose items, wedges, bolts or clips needing maintenance on verticals.

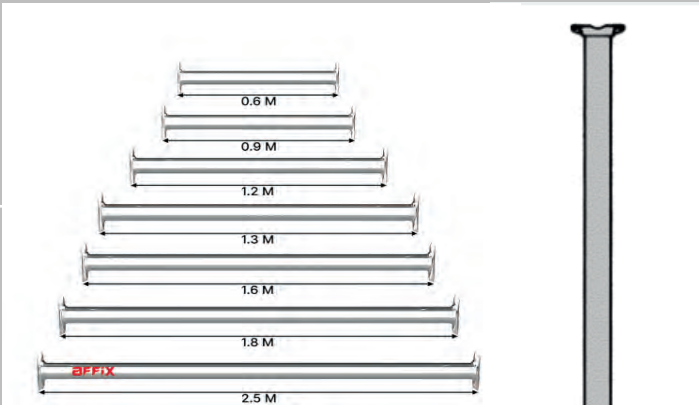


LENGTH	WEIGHT
3.00M	16.60 KG
2.50M	12.10 KG
2.30M	11.60 KG
2.00M	11.40 KG
1.80M	9.10 KG
1.50M	7.90 KG
1.30M	6.60 KG
1.00M	5.50 KG



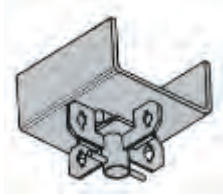
Horizontal Ledger

Horizontals are available in a range of standard sizes or can be made to a special length if required. The forged blade end fits in the cup of the vertical. The simple robust design ensures that horizontals need no maintenance.



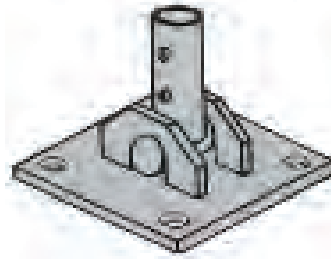
LENGTH	WEIGHT
2.50M	9.50 KG
1.80M	6.96 KG
1.60M	6.24 KG
1.30M	5.17 KG
1.20M	4.81 KG
1.00M	4.10 KG
0.90M	3.73 KG
0.60M	2.65 KG





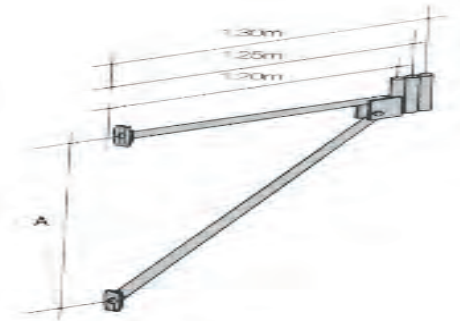
Rocking Forkhead

This unique forkhead allows adjustment to suit slopes of up to 10 degree in the primary beam combined with a cross pass of up to 7 degree in the secondary beam



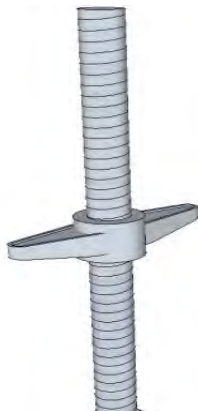
Rocking Base Plate

Provides a firm base on ground sloping up to 60 degree to the horizontal. SWL is 57kN. Normally fixed to timber which spread the load safely to ground



Cantilever Frame

At the edges of a building it is often necessary for economy, speed of working and safety to provide a support beyond the edge. The cantilever frame fixes directly to the vertical at the node points. The frame accepts universal jacks for carrying all types of support, forkhead etc. This item is in-valuable for supporting slab edge formwork



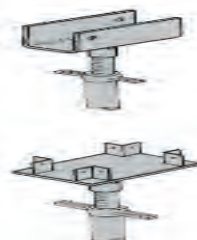
Universal/Base Jacks

The 40kN capacity galvanized universal/base jacks has an adjustment range of over 50cm. It is manufactured from 38mm outside diameter steel tube with a rolled square thread for fast trouble free operation. Universal jack can be used either at the top or the bottom of the verticals whereas base jack can be used at the bottom only. In each case the threaded portion is inserted into the verticals so that the correct amount of the jack always remains inside the vertical for safety.



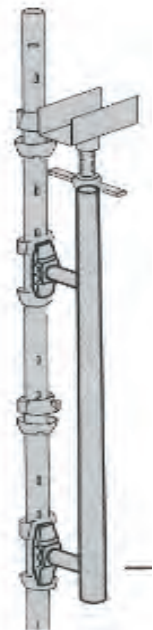
Spigots

When necessary, verticals are connected end to end by an internal spigot. This is bolted to the lower vertical.



Forkheads

Forkheads fit over universal jack at the top of support scaffold



Beam Bracket

Eliminates full height propping to beam formwork by locating on to slab support verticals as shown, accepts standard Jacks and forkheads

The SGB Dabal Du-Al system comprises a range of 2 aluminium beams, all specially computed to give optimum strength with minimum weight. Each beam has been designed to perform a specific function and by combining them, the most economic solution can be provided to cover every application. Other systems where only a single beam section is available result in compromises which will often adversely affect both the material and labour costs. Alternatively, if it is important to standardise on one section only to minimise stocking problems, the Du-Al T150 is the most economic and versatile section available. In conjunction with the very extensive choice of accessories, a wide range of work can be undertaken. Du-Al S150 and T150 beams are ideal for both wall and soffit formwork.

WALL

APPLICATION

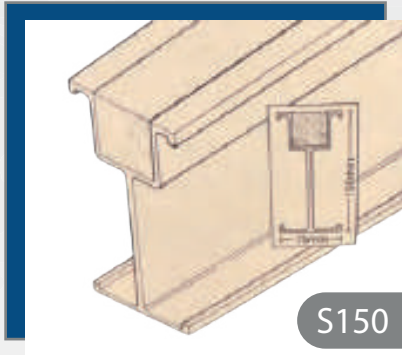
SGB DABAL Du-Al Beams, in conjunction with SGB DABAL Mk II steel soldiers provide the contractor with the most versatile and cost effective solution for the construction for all types of wall formwork unlike panel systems, Du-Al can be designed to cater economically for any concrete pressure and any concrete finish specification. The reduction in the number of ties gives considerable cost savings, whilst the infinitely variable positioning of ties ensures that obstructions such as reinforcement or architectural features can be easily overcome. SGB DABAL DuAl beams offer a combination of light weight, consistent strength, easy fixing and long life making them ideal for all walls-double or single sided, single height pours or jump forms.

SOFFIT

APPLICATION

For soffit applications, SGB DABAL Du-Al beams offer a choice of two sizes, each designed for optimum performance, and which can be combined in any order to produce the most cost effective solution for every requirement. On jobs where a system scaffold is preferred as support, SGB DABAL Cuplok and Du-Al beams enable the high loading capability of Cuplok to be fully exploited. For normal soffit formwork to Offices and Commercial buildings the combination of Du-Al S150 as secondary beams and Du-Al T150 Primary beams are commonly specified .





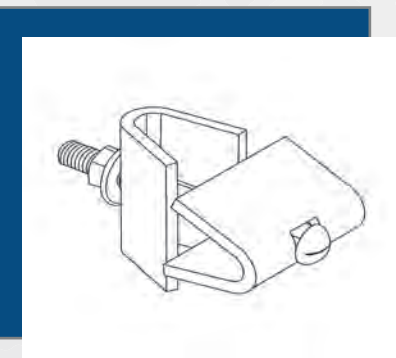
Du-AL S150 Beams

Equally suitable as a waling for wall formwork (in conjunction with SGB Dabal MK II Steel Soldiers), and as a secondary beam to support plywood for Soffit Formwork. The most economic beams available for normal pressure and plywood spans allowing supports to be as much as 1.8m apart. They have a solid timber insert at the top to allow plywood to be fixed, ensuring tight joints and greater safety. Fast acting clamps enable the beam to be fixed securely to other beams in the SGB DuAl range or to soldiers



Du-AL T150 Beams

This beam has been designed with twin webs to increase both strength and stiffness. Compared with the S150, a 45% increase in weight achieves a strength increase of approximately 100%. This gives a beam ideally suited to the longer spans or heavier loads sometimes required. In addition to its use as a waling and a secondary beam, it is strong enough to provide an efficient primary beam for lighter loads or smaller spans. A solid timber insert of generous width is retained by continuous ribs locating in grooves in the timber. This ensures that the timber is very positively held, requiring only two screws to secure it in position. A continuous groove on the underside allows for fixing quick release "T" bolts or special Friction Bolts to secure various accessories designed specifically for this beam.



Universal Clamp

Performs a similar function to the wedge clamp but recommended where forms are to be handled repeatedly or are likely to be subject to considerable vibration.



Drop Forged Fittings

Drop forged fittings manufactured according to EN74 are a type of high-quality fittings designed to meet high standards for scaffolding and structural applications. These fittings are essential components in the construction and industrial sectors, ensuring the safety and stability of scaffolding structures. EN74 is the European standard that specifies requirements for couplers used in scaffolding. SGB Drop forged fittings are designed and manufactured to meet or exceed the stringent requirements set forth by EN74. These fittings are typically made from high-quality steel, ensuring durability and longevity. The choice of materials is crucial to withstand the heavy loads and harsh conditions often encountered in construction and industrial settings.



Double Coupler

Double Couplers connect two scaffold tubes at right angles. These are critical components in the scaffold structure and must be load bearing to resist both slip and distortion. The design is based on a strong one piece body with flaps and T-bolts that can be removed for maintenance or replacement.



Swivel Coupler

Swivel couplers connect two scaffold tubes at any angle to provide ledger, facade, or similar bracing. These are also key components in the structure and must also be load bearing. The body is firmly riveted to permit rotation but still ensures the minimum of further movement, for maximum rigidity. Again, the T-bolts can be removed for maintenance.



Wrapover Putlog Coupler

These Pressed Putlog Couplers connect putlog and transom tubes to ledger tubes in the same way as the conventional fitting, the standard Putlog Coupler incorporates two flaps to give a flush top surface to the tube. The Mk 3 Putlog Coupler has a one piece body, designed and press-formed to provide the maximum resistance to movement and a long working life. It is not used as a load bearing coupler.



Sleeve Coupler

Sleeve Couplers join two scaffold tubes externally end to end. A steel divider located centrally ensures equal insertion of each tube. They can be employed where tension joints are required and therefore are particularly useful for long bracing and ledger tubes.



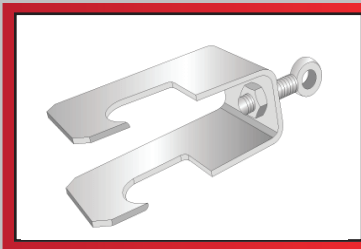
Pressed Joint Pin

The pressed joint Pin provides end-to-end connection of scaffold tubes, and operates by being inserted internally and expands to apply grip against the inner walls of the tubes. The fittings are designed only for compression joints, and should not be used where tension can be developed in the tubes.



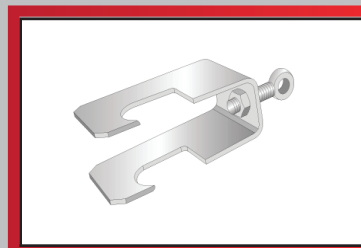
Gravlock Girder Couplers

There is often a requirement to fasten scaffold tubes to girders and other steel sections and it demands a specialised fitting with a high degree of versatility. The Gravlock girder Coupler has been specifically designed for attachment to either horizontal or vertical flanges, and will accommodate up to 43mm in depth. Gravlock Couplers must be used in pairs..



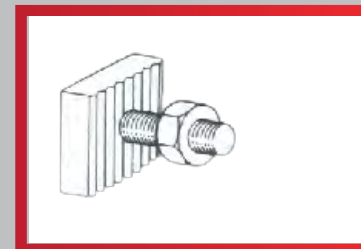
DH Putlog /Brace Coupler

This coupler is designed to secure putlogs and transoms to ledgers. This is a particularly strong design and is in fact capable of taking much higher loadings than normal putlog couplers.



SGB Girder Coupler

The SGB Dabal Girder Coupler is a highly economical fitting for fastening scaffold tube to girders with a single bolt fastening. It is fast to assemble and will accommodate flanges up to 38mm in depth. Suitable for loads at rightangles to flanges only. Must be used in pairs.



Friction Bolt and Nut

A unique device for fixing components to Du-Al beams where a high resistance to sliding is required. Used in pairs, the safe working load in slip is 20kN when the nuts are torqued to a value of 80 Nm.



SCAFFOLD TUBE Galvanised

Weight:	3.50 kg/m
Nominal O.D.	48.3 mm
Nominal Wall Thickness	3.20 mm
Max. Length	6.0 m



Base Plate

A 150mm x 150mm steel plate providing a full bearing surface for load distribution from standards. It has a 50mm high integral spigot and two fixing holes for use on sole plates.



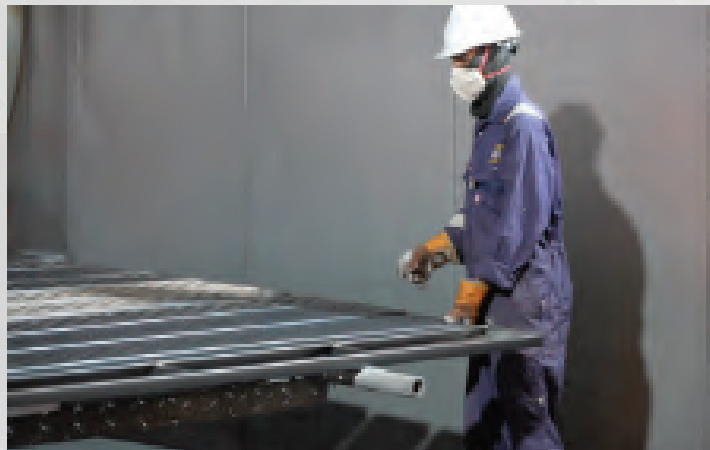
LVL Scaffolding Planks

LVL (Laminated Veneer Lumber) scaffolding planks are specialized construction materials. It is a popular choice in the construction industry due to their exceptional strength, durability, and consistency. They contribute to the safety and efficiency of scaffolding systems, making them an essential component for a wide range of construction and maintenance projects.

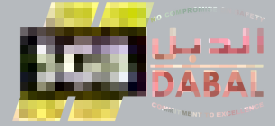


Steel Boards

SGB Dabal offers a wide range of steel scaffolding planks to be used with Cuplok or Tube & Fittings scaffolding system for various projects.



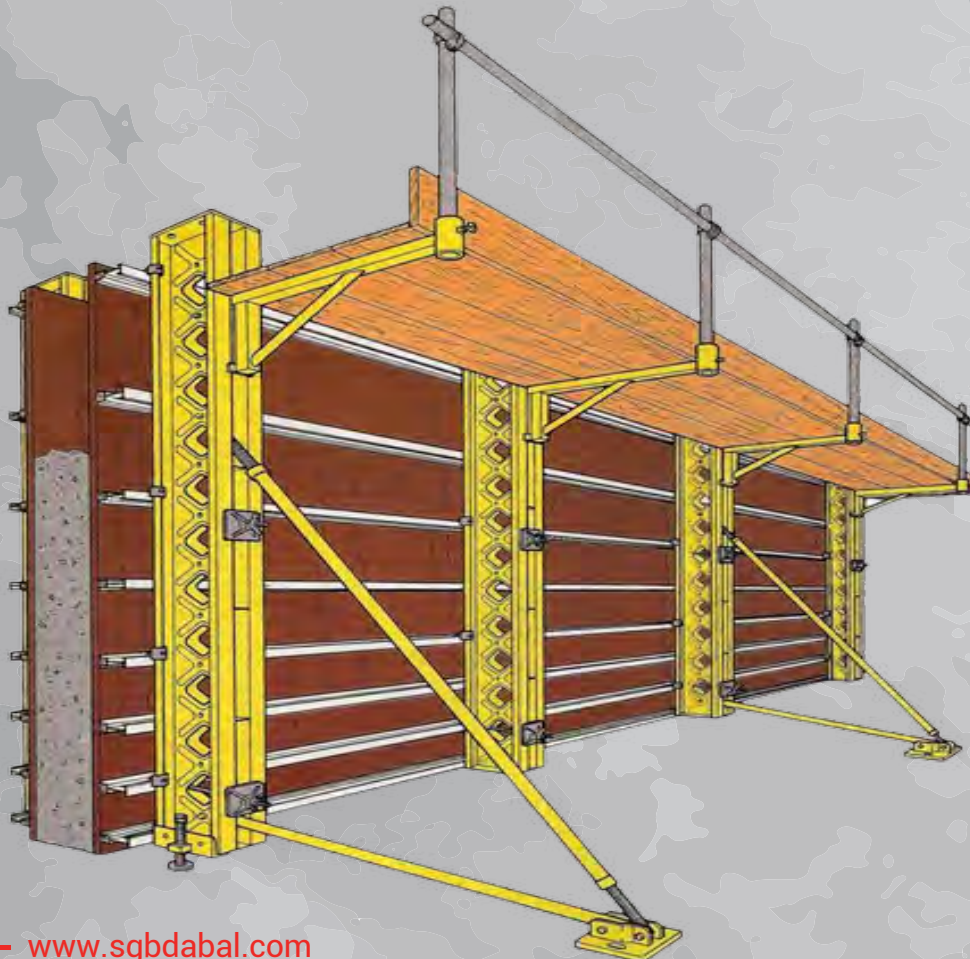
MK II SOLDIER SYSTEM



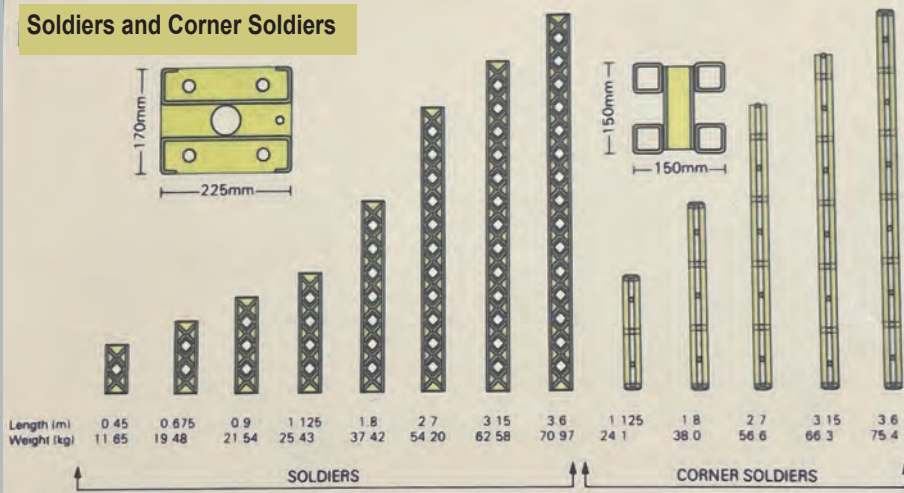
SGB Dabal extensive range of high quality soldiers has evolved as a result of our long working relationship with building and civil engineering contractors and our understanding of specific on site requirements. This unique process has culminated in the development of our latest generation of soldiers, the SGB Dabal MK II. The Mark II has been design engineered to offer you unrivalled advantages.

Versatility

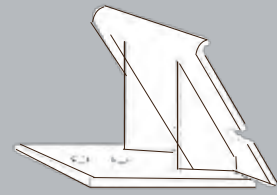
When the soldiers are combined with the SGB Dabal Du-Al aluminium waling beams even greater economies can be made. The greater strength of the DuAl walings allows soldier spacings and tie loads to be optimised. To this can be added the benefits of long life, light weight, and fast assembly, all combining to give the most versatile system ever for wall formwork. Used with large, high quality sheets of plywood, the SGB Dabal MK II Soldier system can satisfy even the most stringent concrete finish specifications whilst keeping deflection to acceptable limits even with the highest concrete pressures.



Soldiers and Corner Soldiers

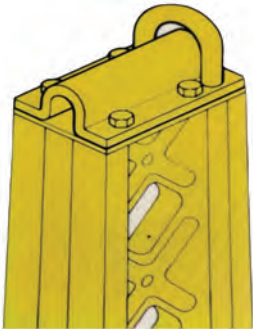


Corner soldiers are designed to be used in conjunction with standard soldiers, they simplify the construction of corners. Allowing ties to pass through in both directions, they each replace two standard soldiers



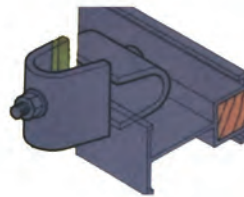
Soldier Support

Similar in function to the Corner Bracing Unit but by incorporating SGB Dabal Mk II steel soldiers the number of ties required is reduced. On pours of up to approximately 3.6m, ties will only be required at the top and bottom.



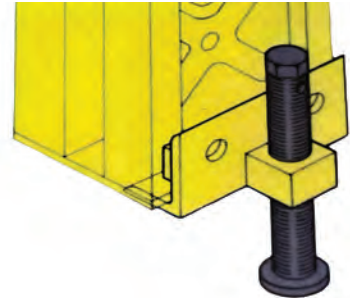
Lifting Brackets

Bolted to the top soldiers, they facilitate lifting by crane.
Weight = 2.00 kg



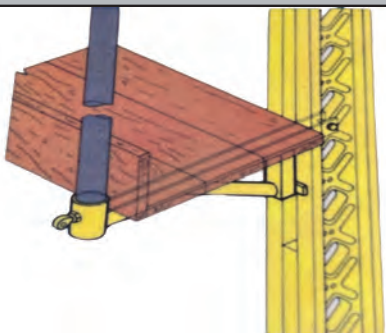
Universal Clamps

Connect SGB Du-Al aluminium crane beams to SGB Soldiers.
Weight = 0.60 kg



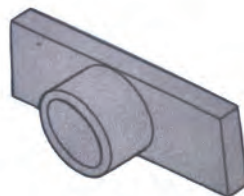
Form Jacks

Primarily used to level a form, they can also be used horizontally as a plumbing device when fitted to a climbing form.
Weight = 4.30 kg



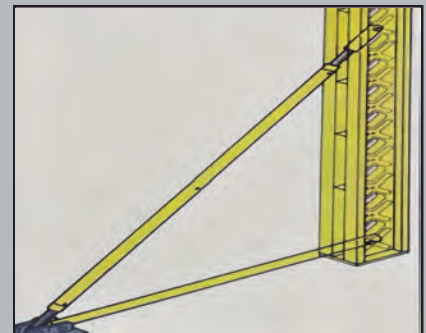
Hop-up Brackets

These brackets support a three board wide working platform which can be fixed at any level.
Weight = 5.60 kg



End Tie Washer

Used in conjunction with standard Dywidag tie rod, nuts, and thrust plate, they enable two soldiers to be fixed at right angles.



Stabilisers

Easily attached to the base of soldiers Bolted to they provide a means of plumbing and facilities stabilising the form for extra safety.
Weight = 21.50 kg

HEAVY DUTY TIE SYSTEM



Undoubtedly the most popular tie system in general use today. These reusable ties are available with a complete range of accessories including thrust plates, wing nuts, plastic spacer tubing and plastic cones. The 15mm nominal diameter tie rod has a robust, self cleaning thread and a safe working load of 127 kN (with a safety factor of 1.5)



WING NUT

A knock-on Wing Nut used in conjunction with the plates for securing the rods in formwork applications. Wing Nuts are self colour or anti-rust finish.



TIE WASHER

Designed to use with SGB Dabal MKII soldiers



SLEEVE CONE

For use with Plastic Sleeve tube to suit 15 mm tie rod.



WATER BARRIER

Cast into the concrete wall between two tie bars, these allow through tie systems to be used in water retaining structures.



PLASTIC SLEEVE

Used as a distance keeper between form faces, these allow tie rods to be withdrawn for re-use. Available in 2m lengths.



TUF TIE ROD

Continuous threaded rods specifically designed and manufactured for use as formwork tie rods for all types of concrete structures

SGB Dabal props are an economic and popular method of support in the building industry today. Ideally suited to all kinds of building construction:

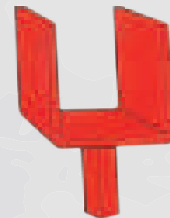
- * Six sizes range from 1.04m to 6.10m.
- * Completely adjustable for height.
- * Extremely robust, easy to handle, compact to store.
- * Quickly and simply erected.
- * No loose parts, no tools necessary.
- * Headplates suit modern formwork systems for slab construction.
- * Sizes 0 to 4 conform fully to BS 4074: 1966

Size	Closed(m)	Extended(m)	Weight(Kg)
0	1.04	1.83	120
1	1.75	3.12	18.0
2	1.98	3.35	20.0
3	2.59	3.96	24.0
4	3.20	4.88	26.0
5	3.65	6.10	34.5



FORKHEAD

This simply drops into the head of the prop to carry timber beams and to ensure concentric loading. Vertical flanges are drilled for nailing or screwing. It is advisable to use the 100mm long unit for single timbers and the 200mm long unit where two timbers butt together.



Length (mm)	Weight (mm)	Weight (kg)
100	86	2.2
200	86	3.9

PUSH-PULL PROPS

STANDARD

For use wherever an adjustable inclined strut is required, suitable for all building systems and for plumbing formwork. STANDARD PUSH-PULL PROPS have 300mm of adjustment and are manufactured to order in any length for sale only.

- * Used at any angle: end plates pivot through 225°
- Acme (square) threads for maximum durability, minimum maintenance.

TELESCOPIC

provide a greater range of adjustment for non-repetitive work. Stock size 2.1m closed to 3.9m extended, immediately available for hire or sale. Any other size can be made to order for sale only.

Weight: 25.4 kg



Quality Policy



SGB AL DABAL has made a total commitment to Quality and Safety to ensure that customer needs are identified and expectations are exceeded.

SGB DABAL implements its commitment through the cost-effective use of its Business Quality Structure and continually improves the effectiveness of the quality management system. It is maintained by proper planning, scheduled audits, training and constant review.

All SGB Dabal staff have a personal responsibility to support this policy.

SGB Dabal will also achieve Policy by the implementation of the Quality Management System which complies to EN ISO 9001:2015 requirements.

Our Quality Strategy:

- 1** Comply with the Quality requirements.
- 2** Customer Satisfaction.
- 3** Effective use of the available resources.
- 4** Continual improvement of the quality Management system.



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