

LEADER 易達®



GN50U OMNI RING TYPE COLD FORM WELD FREE SCAFFOLDING SYSTEM

GN50U are connected using a unique & extraordinary cold-formed weld-free system to mechanistically lock into pre-cast grooves inside and outside the heat-treated cast fittings. Choices of Scaffolding System available in Aluminium, Steel & their Combinations.



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Hong Kong Sole Agent :
AVION ACCESS CO. LTD.
1D Fung Yip Ind. Bldg., 170 Wai Yip St.,
Kwun Tong, Kowloon, H.K.
Tel : (852) 2744 2111
Fax : (852) 2796 2882
info@avion.com.hk
avion.com.hk

Factory :
Guangzhou Leader Equipment Ltd.
Dongfeng Industrial Park, Tanbu Town,
Huadu District, Guangzhou.
Post Code 510820, China.
Tel : (86) 20 8674 7299
Fax : (86) 20 8674 1177
leader-lift.com / leaderlift.cn

Distributor :

GN50U GENIUS ARCHITECTURAL SCAFFOLDING SYSTEM



Leader GN50U Omni Scaffolding System is a revolutionary multi-directional scaffolding system comprehends the usage of any combinations of Aluminium and Steel material. The cold formed weld free technology creating exceptionally light weight while giving great load capacity. The design creates a new era for scaffolding, it integrates all distinctive features and outstanding functions to act as **Best Substitution** to existing scaffolding systems, suitable for all kinds of complicated geometry architectural designs.

Patented & Global Awards

Leader GN50U Omni Scaffolding System is a Patented Scaffolding System with design complies with Global Standards BS1139, EN12810, EN12811 and EN1004:2004 etc. The system has acquired CE certificate and GS certified by TÜV Rheinland. Leader's manufacturing factory achieved certification with ISO 9001 International Quality Management Standard to evidence and guarantee GN50U Scaffolding System offers excellent performance with highest safety.



Prominent Features

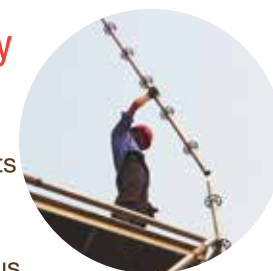
- * Cold Formed Weld Free Tubular Design improve life & strength tremendously
- * Genius Cold Formed positioned Rosette Connector enable Vertical Standard Protection at Node
- * Light Weight for Heavy Duty
- * Dexterous Components
- * All-Round Multi-Directional Locking Design

Prominent Performances

- * Most Sturdy Structures & Top Safety
- * Supreme Versatility
- * Save Space & Transport Cost
- * Best Transverse Resistance at Joints
- * Anti-Rolling on Floor
- * Lowest Labour Fatigue involved
- * Swiftest Work Speed with Highest Productivity
- * Highest Cost Effectiveness

Leader GN50U Single Tubing Cold Formed Weld Free Scaffolding can be utilized for all construction projects involving complex geometry

In construction work, it is inevitable to deal with projects with complex geometry: for example, airport tunnels, boiler tanks, corridors and balconies while regular aluminium scaffolding falls short in meeting such needs. GN50U, however, is designed to fulfill projects with complex geometry with its exceptional function and flexibility. Vertical standards can easily be assembled or disconnected for single width, double width, façade, bridge and suspended structure. The versatility of GN50U allows the usage in full application and various type of construction projects.



Light Weight Components
fast erection only with one hand grip



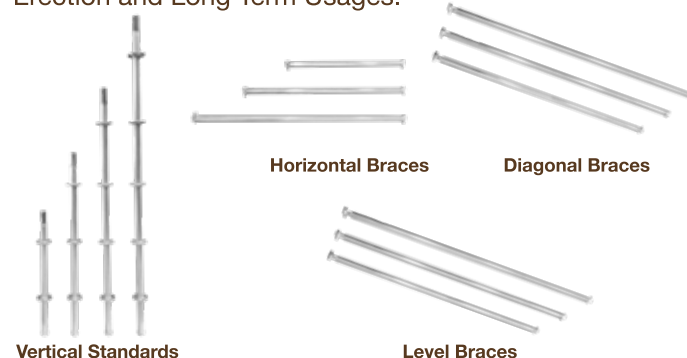
MULTI-APPLICATION FOR ANY COMPLICATED CONSTRUCTION GEOMETRY

Leader GN50U Omni Scaffolding System with Multi Directional Design can be easily adapted to any complicated construction geometry. With its Flexibility, design combinations could be infinite to suit all construction circumstances, such as suspend scaffolding, cantilever rack, bridge frame, curved frame and stage rack etc.

Leader Sturdy Aluminium Fell Protection Mesh utilized in conjunction with GN50U Scaffolding System in replacement of traditional flammable, unreliable plastic net to improve site environment.

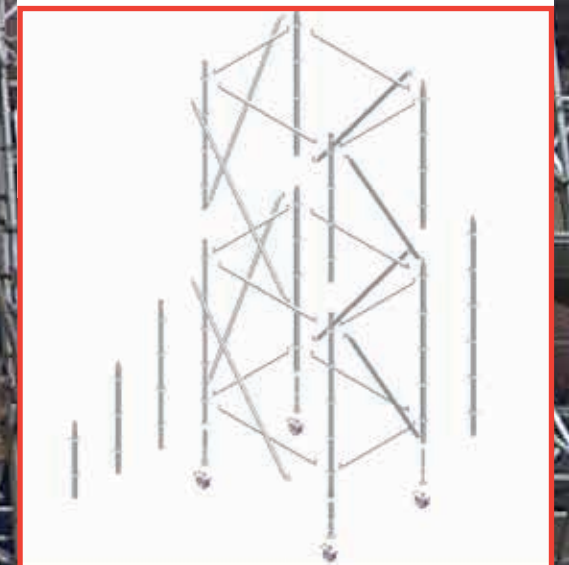
Easy Handling Components

- Only comprise mainly Four Basic Components: Vertical Standards, Horizontal, Diagonal & Level Braces.
- High Flexibility, can be designed in every height, length, width and all angles.
- All components are designed for Effective, Safe Erection and Long Term Usages.



Space Saving Components

Vertical Standards, Horizontal or Diagonal and Level Braces are all in Single Tubular Design. All components could be volume in stacks which are Compact and Space Saving to provide the Most Convenient Storage and Transportation.



GN50U ALUMINIUM MOBILE SCAFFOLD TOWERS



Stable, Safe & Sturdy GN50U Aluminium Mobile Scaffold Towers available in Single or Double Width. Either equipped with Vertical, Incline or Stairway Ladders. Platform Height starts from 2.1m, increasing 500mm per rung.



Single Width Tower

Dimensions

Width : 0.85m
Length : 1.8m/2.0m/2.5m/3.0m

- Suitable for Limited Space.
- Available with Vertical, Incline Ladders and Clip-on Ladders upon ordering.

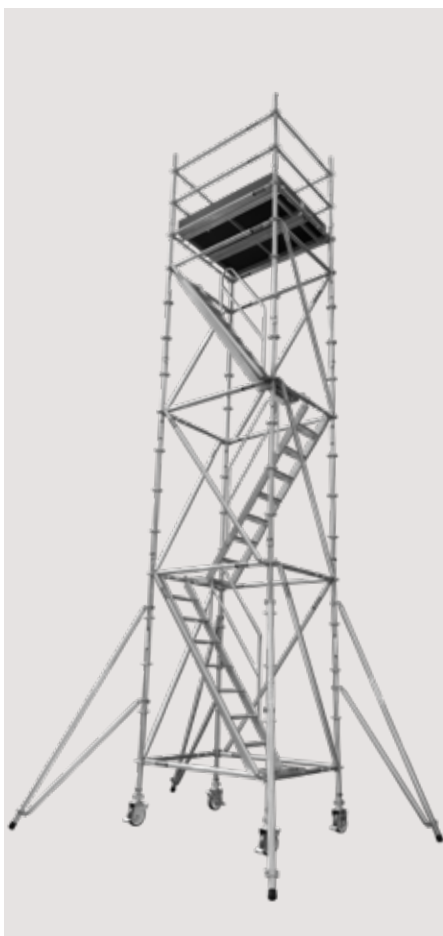


Double Width Tower

Dimensions

Width : 1.45m
Length : 1.8m/2.0m/2.5m/3.0m

- Provide more Stable, Wider and Comfortable work space for users.
- Available with Vertical, Incline Ladders and Clip-on Ladders upon ordering.



Stairway Tower

Dimensions

Width : 1.45m
Length : 1.8m/2.0m/2.5m/3.0m

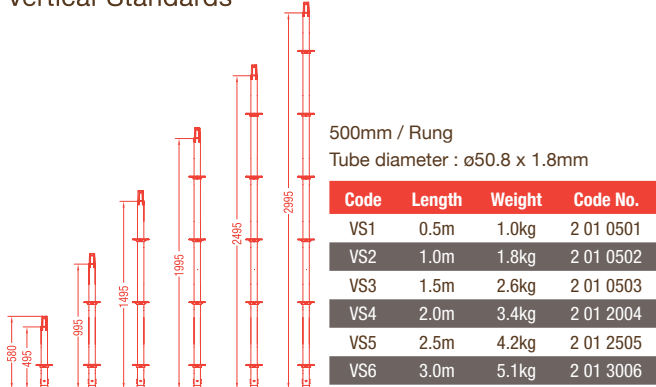
- Equipped with Stairway Ladder and handrail, Safe for climbing.

Working Height (m)	4.1	4.6	5.1	6.1	6.6	7.1	7.6	8.2	8.7	9.2	10.2	10.7	11.2	11.7	12.2	12.7	13.2	13.7
Platform Height (m)	2.1	2.6	3.1	4.1	4.6	5.1	5.6	6.2	6.7	7.2	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7

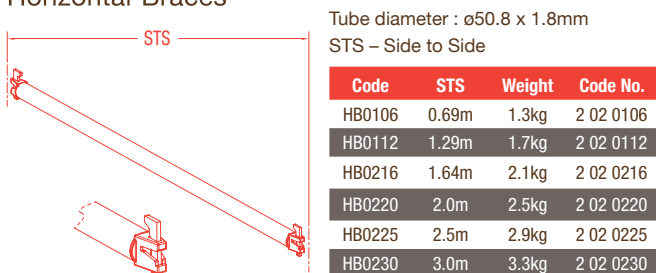
Basic Components, Specifications & Accessories

*Choices of Aluminium or Steel Components available upon ordering.

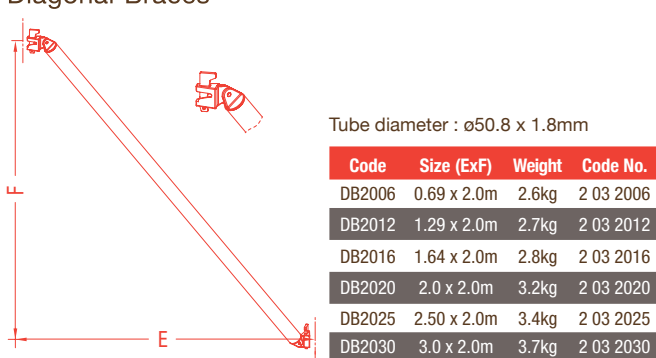
Vertical Standards



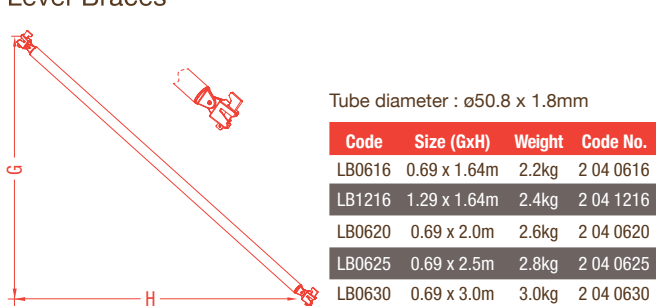
Horizontal Braces



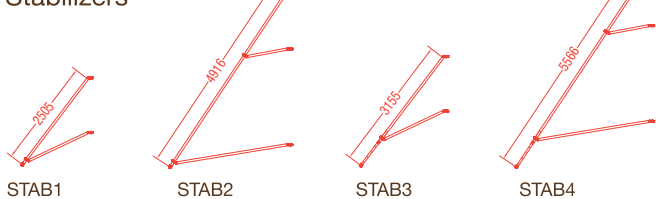
Diagonal Braces



Level Braces

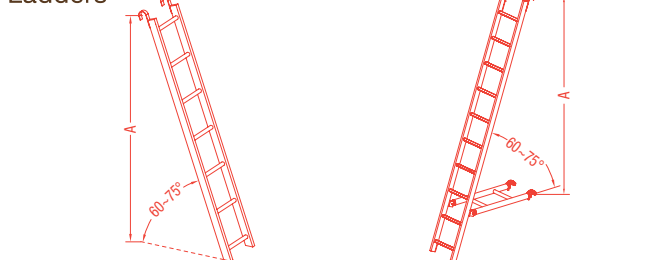


Stabilizers



Remarks *All Tubes available at options for higher loading capacity
Optional Size: $\phi 48.3 \times 3.2\text{mm}$ / $\phi 48.3 \times 4.0\text{mm}$ / $\phi 50.8 \times 3.2\text{mm}$
*Any Special custom made dimensions available at option.

Ladders



Incline Ladders

Code	Length	Weight	Code No.
IL15	1.5m	4.5kg	2 13 0315
IL20	2.0m	6.0kg	2 13 0320
IL25	2.5m	7.5kg	2 13 0325
IL30	3.0m	9.0kg	2 13 0330

Clip On Ladders

Code	Length	Weight	Code No.
CL3	1.0m	5.4kg	2 15 0310
CL4	1.5m	6.4kg	2 15 0315
CL5	2.0m	7.5kg	2 15 0320
CL6	2.5m	8.6kg	2 15 0325

Vertical Ladders

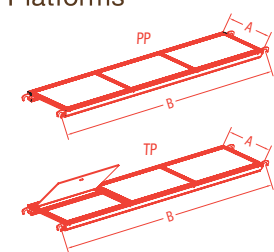
Code	Length	Weight	Code No.
VL10	1.0m	3.2kg	2 12 0310
VL15	1.5m	4.8kg	2 12 0315
VL20	2.0m	6.4kg	2 12 0320
VL25	2.5m	8.0kg	2 12 0325

Stairway Ladders

Code	Length (AxB)	Weight	Code No.
SW15	0.5x1.5m	10kg	2 14 0515
SW20	0.5x2.0m	11.8kg	2 14 0520
SW25	0.5x2.5m	12.6kg	2 14 0525

*All Ladders available in custom made dimensions.

Platforms



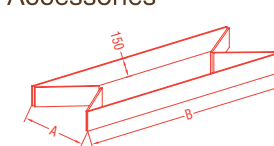
Plain / Trapdoor Platforms

Code	Size (AxB)	Weight	Code No.
PP/TP1206	0.6 x 1.29m	9.1kg	2 05 1206
PP/TP1606	0.6 x 1.64m	11.3kg	2 05 1606
PP/TP2006	0.6 x 2.0m	13.9kg	2 05 2006
PP/TP2506	0.6 x 2.5m	17.0kg	2 05 2506
PP/TP3006	0.6 x 3.0m	20.6kg	2 05 3006

*Optional Aluminium Platforms

*Platforms available in custom made dimensions.

Accessories

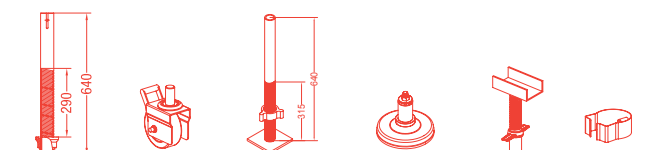


Toe Boards (Hinge Type)

Code	Size (AxB)	Weight	Code No.
TBS	0.69 x 1.64m	7.6kg	2 11 0616
TBD	1.29 x 1.64m	8.1kg	2 11 1216

*Optional Aluminium Toeboards

*Toeboards available in custom made dimensions.



Code	ALS	CT6	CT8	BP	AF	SSB
Code No.	2 06 0628	2 09 0015	2 09 0020	2 07 0640	2 08 0640	2 16 0026