



Product Catalogue

Escalating Your
Achievement

FAST, SAFE & STABLE!

INTRODUCTION

LCG Industries Sdn Bhd is a local based company which sells construction scaffolding and shoring equipment at factory direct prices. In business since 2003, LCGI has established itself as one of the reliable scaffold supplier that recognizes the special needs of construction and events industry.

As a full service scaffold supplier, LCGI satisfies virtually every scaffolding and shoring needs, from Frame Scaffolding to Tube & Clamp Scaffold and all related accessories. LCGI's goal is to provide excellent high quality scaffolding products at a great price with superior customer service, honesty and integrity.

Our diversified manufacturing base provides us with sufficient manufacturing capacity to meet your requirements. Plus it creates a distinct competitive advantage. We implement our industry leading quality assurance programs to leverage in all of our affiliated facilities, and combine those resources with the technical knowhow and experience and our entire operations. This supports LCGI to offer a distinct cost advantage and create significant value for our customer.

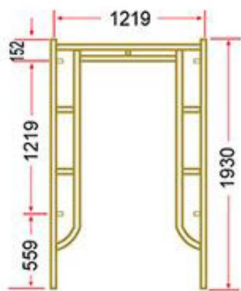


FRAME SCAFFOLD

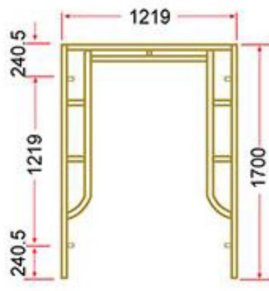
Frame scaffold is the most popular type of scaffolding system in Asia countries that suitable for various industries, such as demolition, masonry, steel fabrication, shipbuilding, civil construction and etc.

Frame scaffold is high-strength and light weight made it relatively easy and fast to erect, even can be installed by one person due to its prefabricated as well as pre-coated (Galvanized / Dip-Painted) nature! - All of which save you time and money.

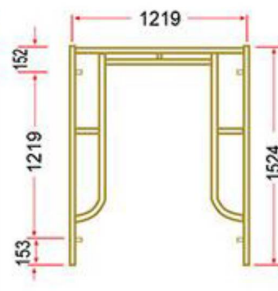
Frame Scaffold Components and Accessories



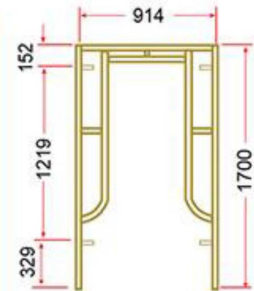
Vertical Frame-LVF40-1930



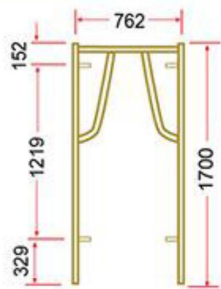
Vertical Frame-LVF40-1700



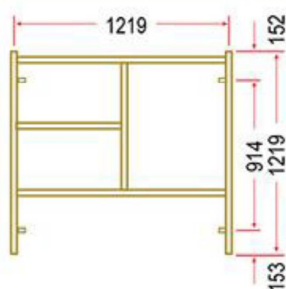
Vertical Frame-LVF40-1524



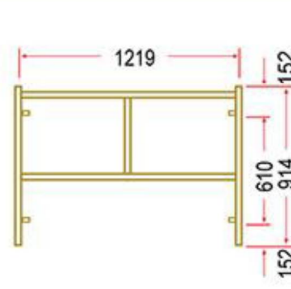
Vertical Frame-LVF30-1700



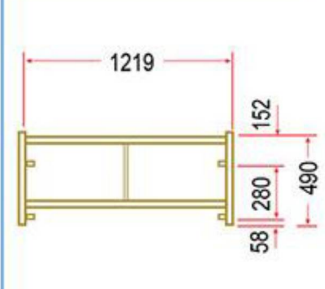
Vertical Frame-LVF25-1700



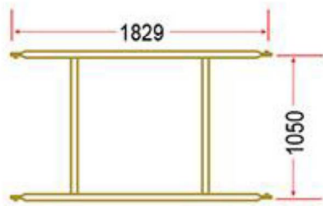
Ladder End Frame-LVF40-1219



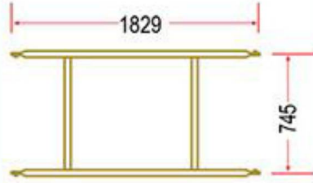
Ladder End Frame-LVF40-914



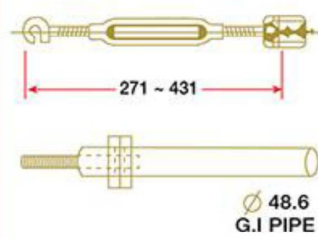
Ladder End Frame-LLF40-490



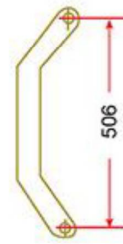
Walking Frame-LWF60-1050



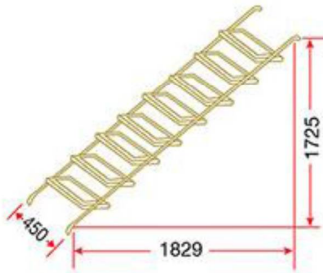
Walking Frame-LWF60-745



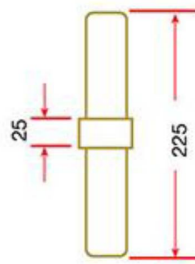
Wall Tie



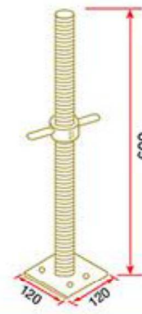
Arm Lock



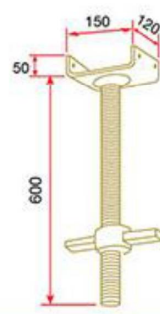
Stair



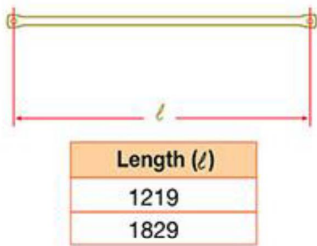
Coupling Pin



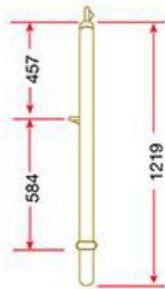
Jack Base



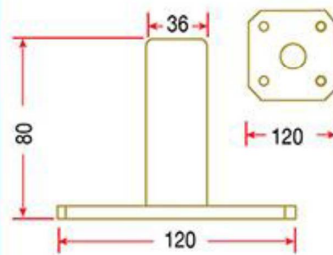
U-Head



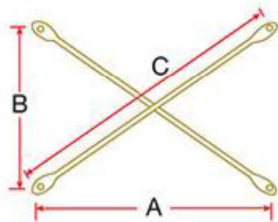
Hand Rail



Hand Rail Post

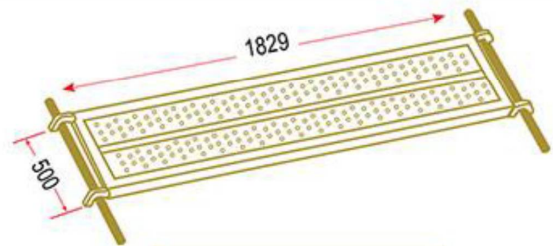


Base Plate



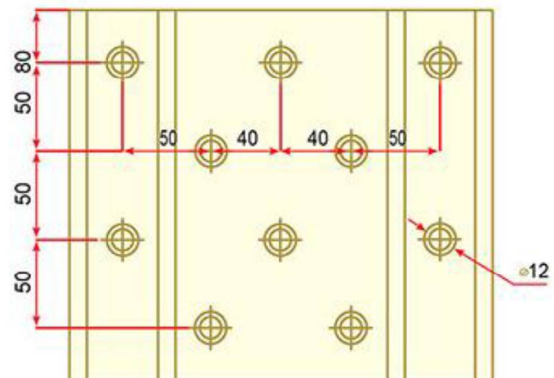
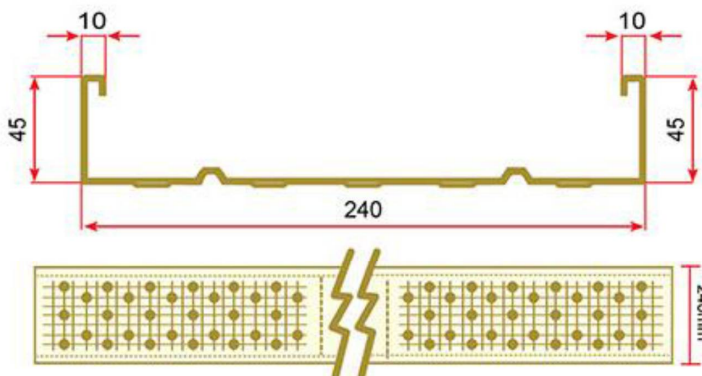
A (mm)	B (mm)	C (mm)
1829	1219	2198
1219	1219	1724
1829	914	2045
1829	610	1928
1219	610	1363
1829	280	1850

Cross Brace

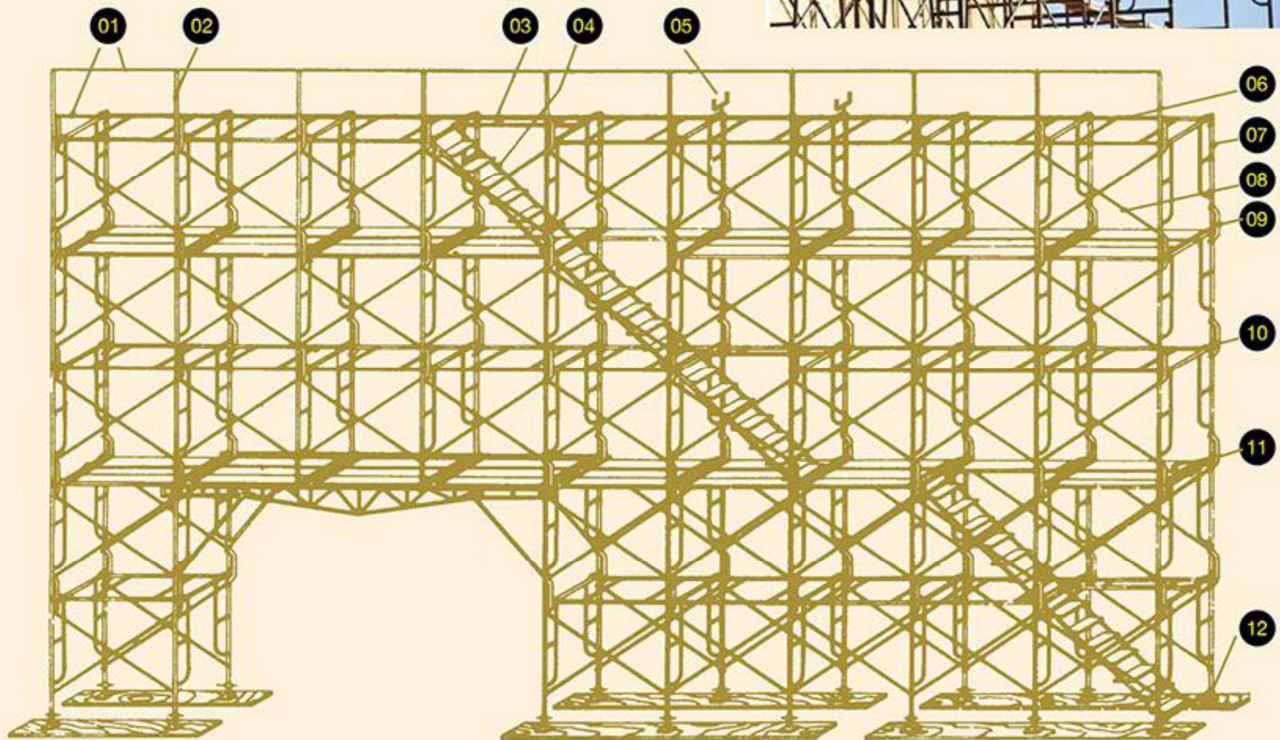
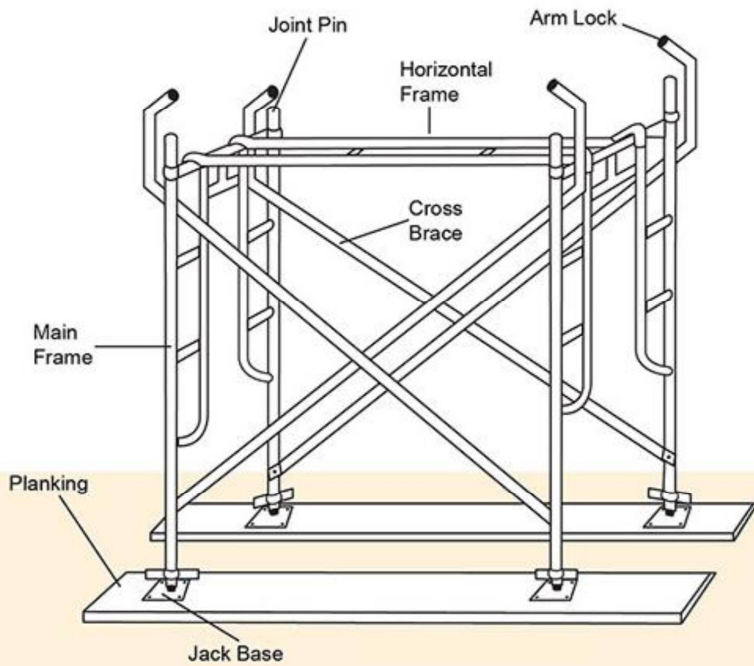


Walking Board-LWB60-500

METALDECK LMD240-12



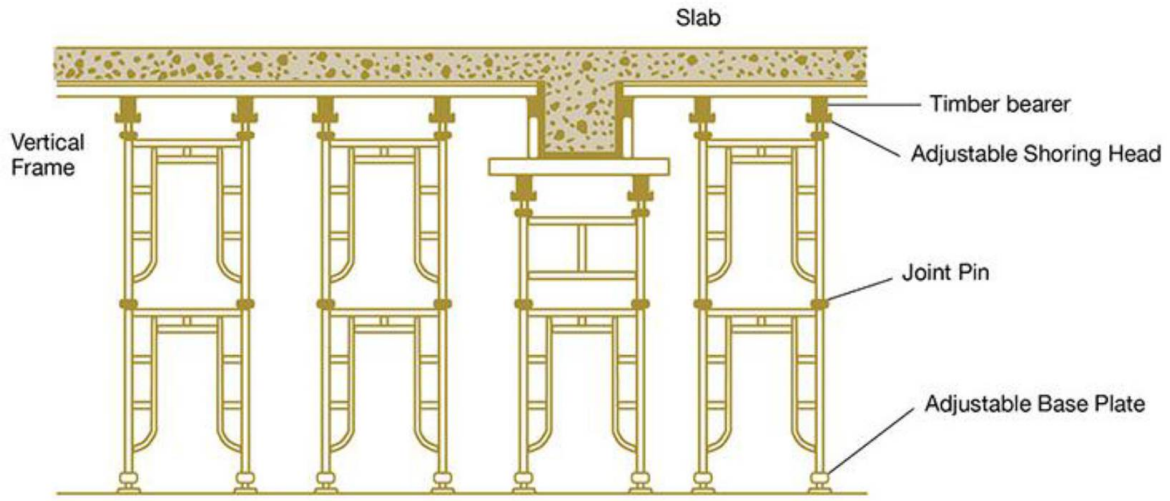
BASIC OF ASSEMBLING EXTERNAL SCAFFOLDING



01. Hand Rail	04. Stair	07. Vertical Frame	10. Coupling Pin
02. Hand Rail Post	05. U-Head	08. Cross Brace	11. Walking Board
03. Walking Frame	06. Walking Frame	09. Arm Lock	12. Jack-Base

The above shows components required and erecting method for external scaffolding.

SCAFFOLDING FOR SHORING



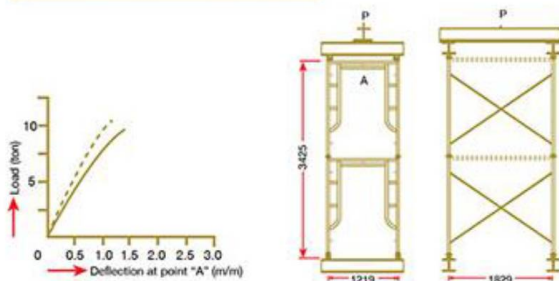
The elevation of frame scaffolding layout to be used as shoring

Technical Data

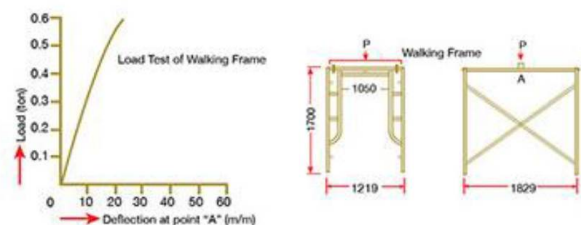
Point of Load						
Max load per frame p max	10(t)	9.1	7.5	5	3	2.25
Allowable load	5(t)	3.5	3	2	1.2	1

Reduction in strength depending on load point applied on frame.
NB: Square Tubing in size 100mm x 100mm for Load Point.

Load Test of Frame



Load Test of Walking Frame



Deflection graph from result of test. Test methods (P=Load Point)

Important Notes: The above results are attainable with scaffolding frame fabricated in compliance with MS 1462 : 1999

TUBE AND CLAMP SCAFFOLD

LCGI also one of the leading tube manufacturer for various steel welded pipes, this inclusive of galvanized steel tubes complying to BS EN 39 : 2001 (Supersedes BS 1139 : Section 1.1 : 1990). In conjunction with various kind of clamps and accessories, LCGI provides complete range of components required by "Tube and Clamp Scaffold" that commonly used in shipbuilding and Oil/Gas industry.

Steel Tubes for Structural purpose as per BS EN 39:2001 (BS 1139)

Size		Thickness		Ovality		Weight	
inches	mm	inches	mm	inches	mm	lbs/foot	kgs/m
1 1/2	48.3	0.126	3.2	0.02	0.5	2.392	3.56
1 1/2	48.3	0.157	4.0	0.02	0.5	2.937	4.37

OUTSIDE DIAMETER	THICKNESS	WEIGHT
±0.5mm	±10%	±7.5% ON SINGLE TUBE



Fixed Clamp



Swivel Clamp



Beam Clamp



Sleeve Clamp



Putlog Clamp



Base Plate

Marketed By:

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