THAI CONST



SCAFFOLDINGS & ACCESSORIES







THAI CONST & BUILDING MANUFACTURING PCL.

www.thaiconst.com

(Certification from Thai Industrial Standard Institute/TISI)









Kanchanasakdichai bldg.

11 Moo 2, Soi Bearing 29, Sukhumvit 107 Rd., T.Samrong-nua, A.Muang, Samutprakarn 10270 THAILAND www.thaiconst.com

COMPANY PROFILE

Thai Const & Building Manufacturing Pcl. or Thai Const, was established in March 1990 under the original name of Siam Chuo Build Industry Co., Ltd., for the manufacturing and sales of high quality steel scaffoldings and accessories. Equipped with experienced staffs, sophisticated equipment and advanced production technology,

Thai Const has been able to supply high quality products to construction industry in Thailand and the neighboring countries at its highest efficiency.

At present, Thai Const is the first and only Tel: (66-2) 175 6122-9 Fax: (66-2) 175 6121 scaffolding company in Thailand, awarded the Certificate of Standard from the Thai Industrial Standard Institute (TISI 801-2531) and achieved ISO 9001:2008 from TUV.

QUALITY (ERTIFICATION FOR BS STANDARD SYSTEM BY SGS



























ISO 9001:2008 D 9105823886





Industrial Standard Institute



Testing Certificate



Testing Certificate



Testing Certificate(Neting)



ISO 9001:2008

Office & Factory Samutprakarn (Head Quarter)



Office & Factory Samutprakarn 120 Moo 1 Suksawad Rd., T.Laemfahpar, A.Phrasamutchedi,

Samutprakarn 10290, THAILAND

Tel: (66-2) 815 3600 Fax: (66-2) 815 2850

Rayong Factory (Eastern Seaboard Industrial Estate)



64/145 Moo 4 Eastern Seaboard Industrial Estate T.Pluakdaeng A.Pluakdaeng Rayong 21140, Thailand

Tel: (66-38) 955-800, (66-89) 139-7129

Fax: (66-38) 955-797

Distribution Center Phatumthani



9 Moo 2 Tiwanont Rd., T.Banklang, A.Muang, Pathumthani 12000, THAILAND

Tel: (66-2) 581 5244 Fax: (66-2) 581 5245

Northern Center (Thailand)



12 Moo 8 Chiangmai-Lampang Rd., T. U-mong, A. Muang, Lampoon 51150, THAILAND Tel: (66-53) 982 882 Fax: (66-53) 982 882



Total Working Area 48,000 sq.m., Factory Space 15,000 sq.m. Total Staff 700 Persons



Total Working Area 16,000 sq.m., Factory Space 5,000 sq.m. Total Staff 100 Persons



Total Working Area 40,000 sq.m. Total Staff 100 Persons

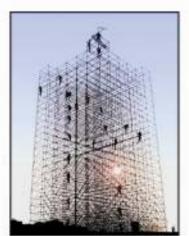


Total Working Area 2,640 sq.m. Total Staff 10 Persons



THAI CONST & BUILDING MANUFACTURING PCL.

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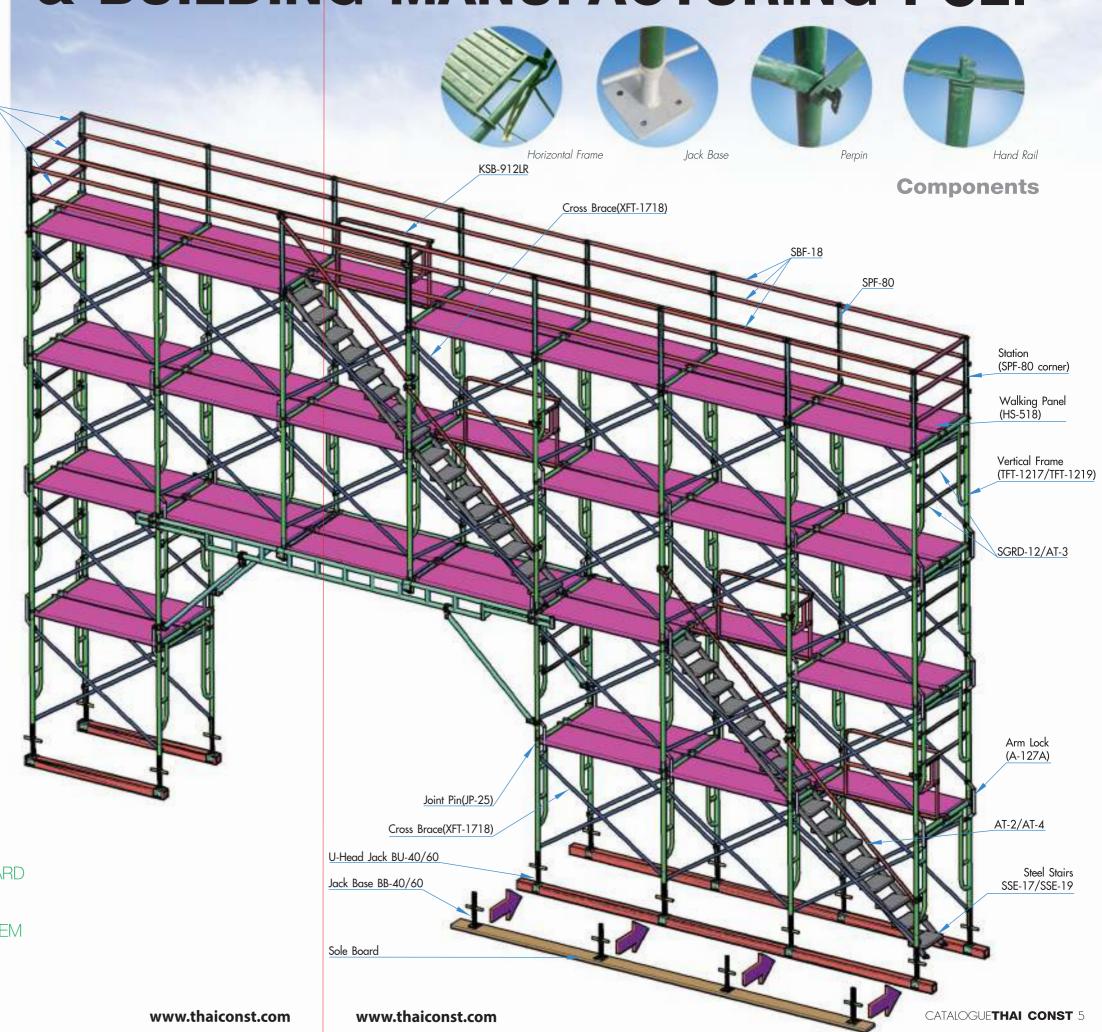
20 PROTECTION SYSTEM

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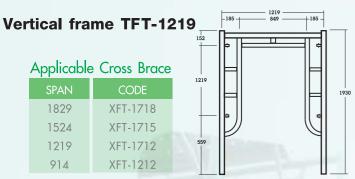


25 BRITISH STANDARD

27 CUPLOCK SYSTEM







Vertical frame TFT-1205

 Applicable
 Cross Brace

 SPAN
 CODE

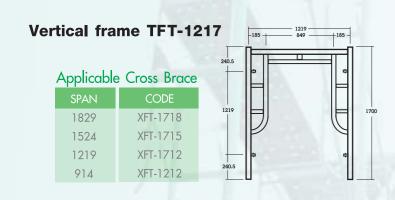
 1829
 XFT-518

 1524
 XFT-515

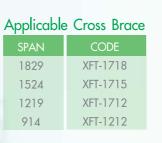
 1219
 XFT-512

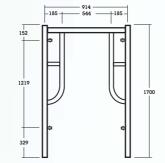
 914
 XFT-509

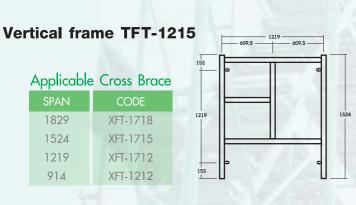


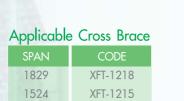








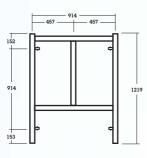




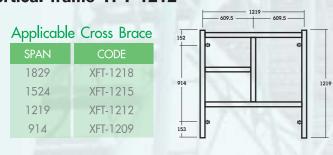
XFT-1212

XFT-1209

Vertical frame TFT-912L



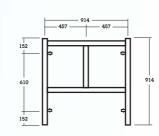
Vertical frame TFT-1212



1219

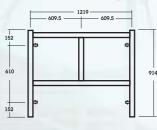
914

| Applicable Cross Brace | | | | |
|------------------------|---------|--|--|--|
| SPAN | CODE | | | |
| 1829 | XFT-918 | | | |
| 1524 | XFT-915 | | | |
| 1219 | XFT-912 | | | |
| 914 | XFT-909 | | | |
| | | | | |



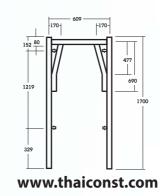
Vertical frame TFT-1209





Vertical frame TFT-617

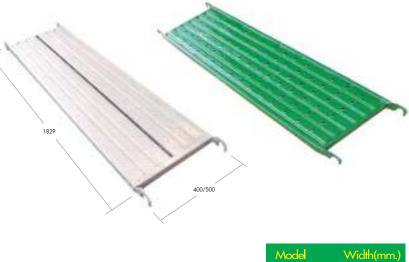
| Applicable Cross Brad | | | |
|-----------------------|----------|--|--|
| SPAN | CODE | | |
| 1829 | XFT-1718 | | |
| 1524 | XFT-1715 | | |
| 1219 | XFT-1712 | | |
| 914 | XFT-1212 | | |



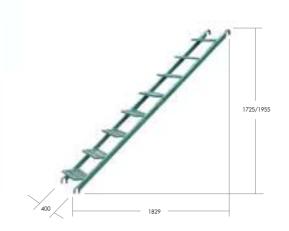
Horizontal frame YFT-1218/YFT-918



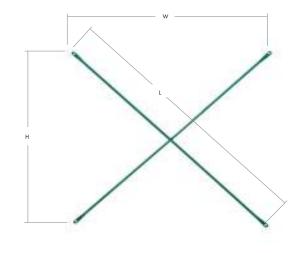
Walking Panel HS-418/HS-518



Steel Stairs SSE-17/SSE-19



Cross Brace XFT





| L (mm.) |
|---------|
| 1829 |
| 1219 |
| |

Handrail SBF-18/SBF-12

Cross Brace Table

| Code | H W | | L | |
|----------|------|------|--------------|--|
| XFT-1718 | 1219 | 1829 | 2198 | |
| XFT-1715 | 1219 | 1524 | 1952 | |
| XFT-1712 | 1219 | 1219 | 1724 | |
| XFT-1212 | 1219 | 914 | 1524 | |
| XFT-1218 | 914 | 1829 | 2045 | |
| XFT-1215 | 914 | 1524 | 1 <i>777</i> | |
| XFT-1212 | 914 | 1219 | 1524 | |
| XFT-1209 | 914 | 914 | 1293 | |
| XFT-918 | 610 | 1829 | 1928 | |
| XFT-915 | 610 | 1524 | 1642 | |
| XFT-912 | 610 | 1219 | 1363 | |
| XFT-909 | 610 | 914 | 1099 | |
| XFT-518 | 280 | 1829 | 1850 | |
| XFT-515 | 280 | 1524 | 1550 | |
| XFT-512 | 280 | 1219 | 1251 | |
| XFT-509 | 280 | 914 | 956 | |
| | | | | |

All Drawing Unit: mm.

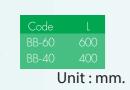
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U-Head Jack BU-40/BU-60



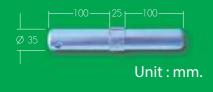




Arm Lock A-127A

Joint Pin JP-25

Base Plate BD-0





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Caster Jack 8" (With Brake)





Wall Tie A-400/A-600

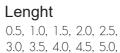
PIPE

Our pipes are available in both Japanese standard and British Standard system.

Round Pipe

Square Pipe





5.5 และ 6.0 m.



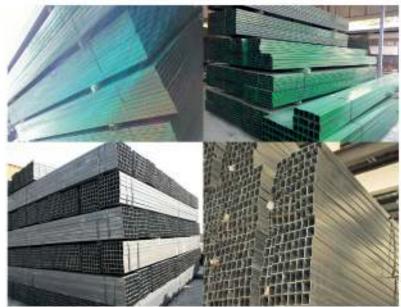
Size 50 x 50 mm. 50 x 100 mm

 50×100 mm. 75×75 mm. 100×100 mm.

Lenght

0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5 la: 6.0 m.

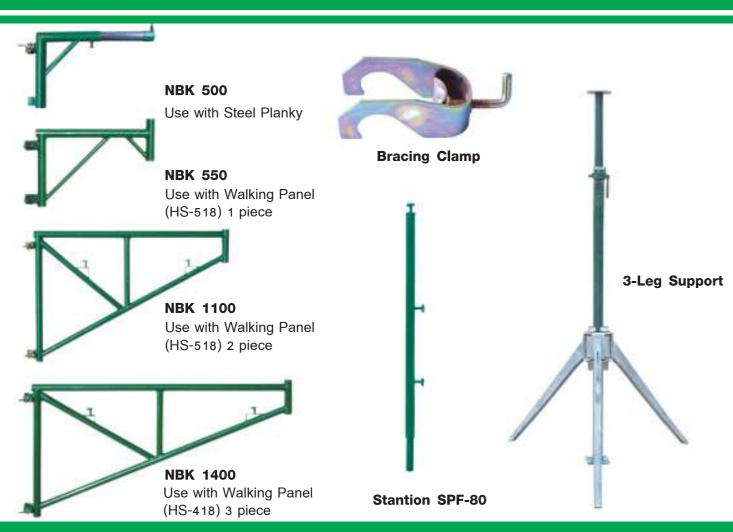




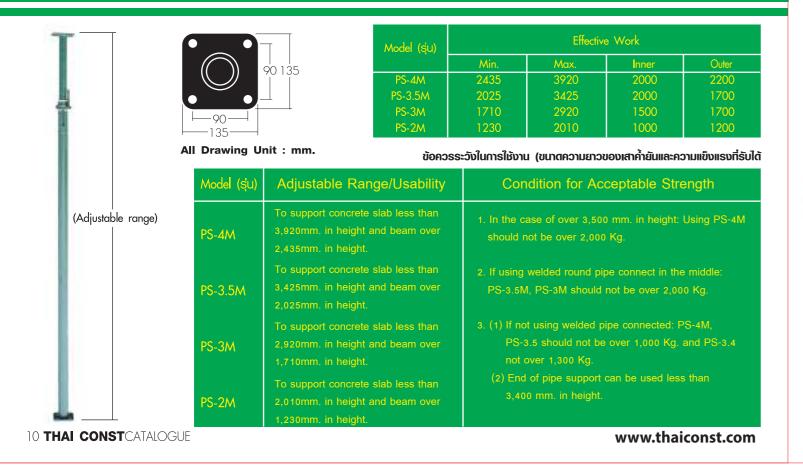
CLAMP



SUPPORTING SYSTEM BRACKET



PIPE SUPPORT



SQUARE SUPPORT



MODEL Unit Support Pillar SSI 45

SSL-125 SSL-200 SSL-225 SSL-300

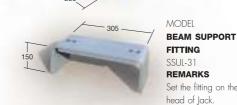
REMARKS

Use Unit Support Pillars & Jacks in combination according to their respective dimension.



Adjustable range =260-550 mm.

REMARKS



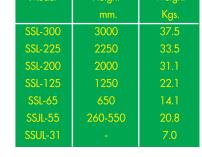
210| 250 _____

SUPPORT BOARD / STAND BOARD

Thickness of board = 8 uu. Diameter of hole's bolt = 18 uu.

Bolt's size = M16x40

REMARKS



Specifications





Cross section performance table

| Cross section area = | 12.156 cm |
|-------------------------------------|-----------------------|
| Secondary moment of cross section = | 708.5 cm ⁴ |
| Cross section coefficience = | 94.5 cm ³ |
| Secondary radius of cross section = | 7.63 cm |

PUSH-PULL PROPS



| MODEL | WEIGHT (kgs.) | CLOSE (mm.) | OPEN (mm.) |
|--------|---------------|-------------|------------|
| PP1222 | 16.80 | 1200 | 2200 |
| PP1727 | 19.00 | 1700 | 2700 |
| PP2232 | 21.00 | 2200 | 3200 |
| PP2737 | 23.30 | 2700 | 3700 |
| PP3242 | 25.50 | 3200 | 4200 |
| PP3747 | 27.60 | 3700 | 4700 |
| PP4252 | 29.80 | 4200 | 5200 |







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TABLE FORM SYSTEMS

TABLE FORM (FLYING SHORE MODEL)



Permissible verticle load

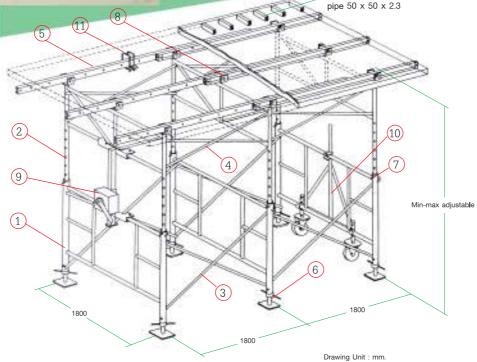
Table Form can be adjusted for concrete pouring which is not over 600mm. in height

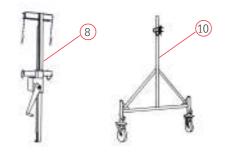
(depending on the distance of table column)

Blind Support 70 x 35 or

Assembly Drawing

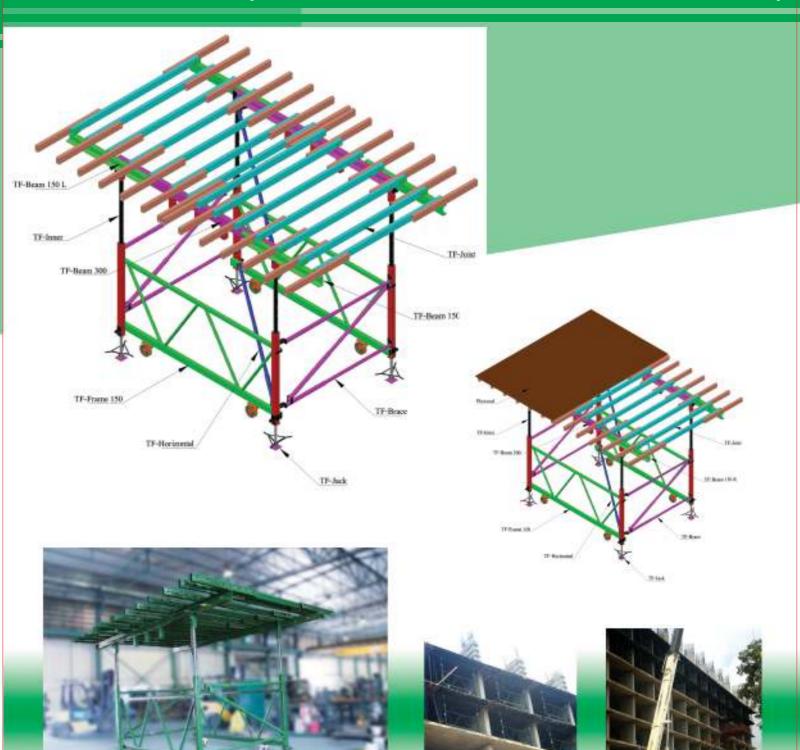
- 1. Outer frame FO 1815/FO 1813
- 2. Inner frame FI 1823/FI 1818/FI 1812
- 3. Angle brace XDT-1618/XDT-1615/XDT-1612
- 4. Angle brace XDT-918/XDT-915/XDT-912
- 5. Beam FGSR 30 $100 \times 100 \times 2.3 \text{ mm}.$
- 6. Adjustable jack base
- 7. Stopper latch chain & pin
- 8. Bolt & nut for mounting on beam M16x140
- 9. Lifting jack F J E
- 10. Dolly for transport
- 11. Large panel stopper Battledore bolt
- 12. Table Lifting Equipment





| Height after assembly | FO-1813 | | | FO-1815 | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | FI-1812 | FJ-1818 | FI-1823 | FI-1812 | FI-1818 | FI-1823 |
| Metal board (mm.) | 2706-1826 | 3306-2426 | 3806-2926 | 2906-2026 | 3506-2476 | 4006-2976 |
| Plywood board (mm.) | 2671-1791 | 3271-2391 | 3771-2891 | 2871-1991 | 3471-2441 | 3971-2941 |

TABLE FORM (UPPER TABLE FORM/THAI CONST MODEL)



Condition for Table Form Thai Const Model

| Model | Span (m.) | Adjustable Length@0.15 (m.) | Column Width (m.) | Adjustable Table Width@0.15 (m.) | Maximum Concrete Thickness Max. (m.) |
|-------|-----------|-----------------------------|-------------------|----------------------------------|--------------------------------------|
| 1 | 2.90 (1) | 3.60-4.80 | 2.20 | 2.70-3.60 | 0.28 (TF-Joist Max.@0.40) |
| 2 | 2.90 (1) | 3.60-4.80 | 1.80 | 2.40-3.00 | 0.35 (TF-Joist Max.@0.40) |
| 3 | 1.45 (2) | 3.60-3.90 | 2.20 | 2.70-3.60 | 0.50 (TF-Joist Max.@0.30) |
| 4 | 1.45 (2) | 3.60-3.90 | 1.80 | 2.40-3.00 | 0.65 (TF-Joist Max.@0.30) |
| 5 | 0.97 (3) | 3.60 | 2.20 | 2.70-3.60 | 0.80 (TF-Joist Max.@0.20) |
| 6 | 0.97 (3) | 3.60 | 1.80 | 2.40-3.00 | 1.00 (TF-Joist Max.@0.20) |
| | | | | | |

Remark: Set 1 Height = 2.20-3.39 m.

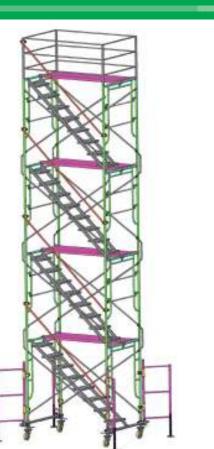
Set 2 Height = 2.95-4.00 m.

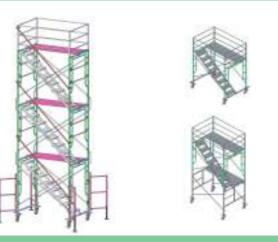
Set 3 Height = 3.70-4.90 m.

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ROLLING TOWER/GATE/FENCE

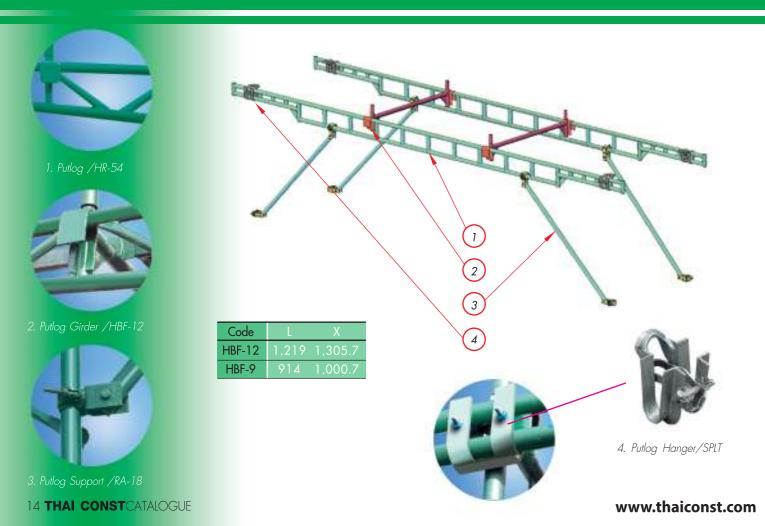




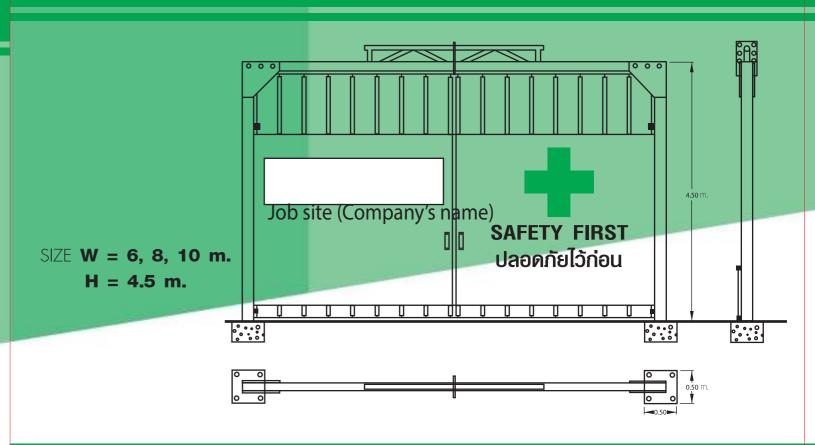


| Product code | 3 Levels | | 4 Levels | |
|----------------|-----------|---------|------------|---------|
| | กโมบับนิไ | มีบันได | ไม่มีบันได | มีบันได |
| TFT-1217 | 6 | 6 | 8 | 8 |
| XFT-1718 | 6 | 6 | 8 | |
| SPF-80 corner | 4 | 4 | 4 | |
| SBF-18 | 6 | 6 | 6 | |
| SBF-12 | 6 | 6 | 6 | |
| JP-25 | 8 | 8 | 12 | 12 |
| A-127 | 8 | 8 | 12 | 12 |
| PF-518 | 4 | 4 | 4 | |
| HS-518 | 6 | 3 | 8 | |
| BB-40 | 4 | 4 | 4 | |
| Caster Jack 8" | 4 | 4 | 4 | |
| SSE-17 | - | 3 | | |
| SP 48.6x1500 | 2 | 2 | 2 | |
| Fixed Clamp | 4 | 4 | 4 | |
| AT-2 | - | 3 | - | |
| SGRD-12 | 8 | 8 | 12 | 12 |

PUTLOG GROUP

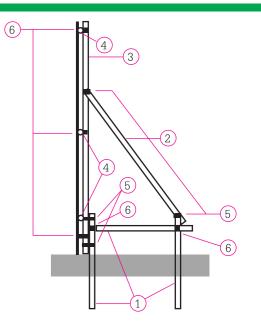


GATE



TEMPORARY FENCE



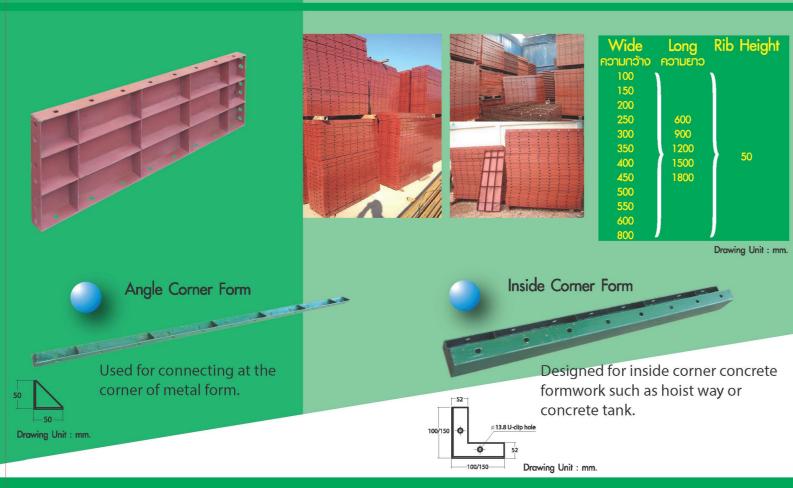


| Item. | Temporary fence (10.80 m.) |
|-------|-------------------------------|
| 1 | Pipe 1.5 m. |
| 2 | Pipe 2.5 m. |
| 3 | Pipe 3.0 m. |
| 4 | Pipe 6.0 m. |
| 5 | Swivel clamp |
| 6 | Fixed clamp |
| 7 | U. bolt |
| 8 | Temporary 540 |
| 9 | Jack Base BB-40 |

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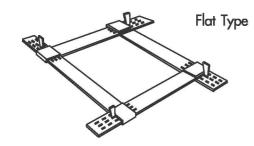
CATALOGUE**THAI CONST** 15

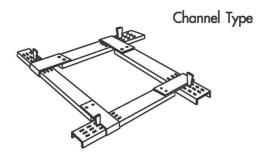
METAL FORM



COLUMN CLAMP



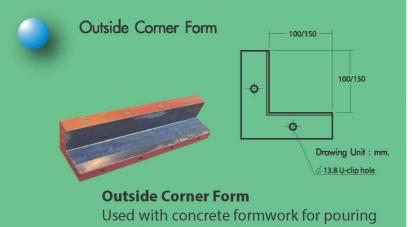




Column Clamp is designed for column concreting to prevent loosed form and control column form in the right shape and position.

| Туре | Length (mm.) | Effective works (mm.) |
|------|--------------|-----------------------|
| 55 | 1580 | 540-1360 |
| S 1 | 1410 | 430-1200 |
| S 2 | 1180 | 430-970 |
| \$ 3 | 830 | 300-620 |
| w s | 950 | 390-800 |
| W 1 | 715 | 150-550 |

| Туре | Length (mm.) | Effective works (mm.) |
|--------|--------------|-----------------------|
| 2H 170 | 2016 | 1000-1700 |
| 2H 150 | 1816 | 970-1500 |
| 2H 130 | 1616 | 800-1300 |
| 2H 100 | 1316 | 510-1000 |
| 3H 260 | 2945 | 2000-2600 |
| 3H 235 | 2695 | 1500-2350 |
| 3H 200 | 2345 | 1500-2000 |
| 3H 180 | 2145 | 1000-1800 |
| 3H 150 | 1845 | 800-1500 |
| 3H 130 | 1645 | 750-1300 |
| 3H 100 | 1345 | 520-1000 |

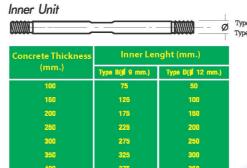


outside corner in right angle.



Is an important part for clipped metal forms together; make it easy for installation and removal.

FORM TIE



Form Tie System is designed to protect breakage of form work, to maintain accurate form spacing and to ensure the dimensional accuracy of the concrete structure.



Rib Washer

| Rib Washer | For Round Pipe | For Square Pipe |
|-------------------|---------------------|-----------------|
| | 3-Shaped Rib Washer | Flat Rib Washer |
| | | |

| Form | Tie | Body |
|------|-----|------|
| | | |

| 25 — | Farm Tia /mm \ | Type D |
|----------|----------------|--------------------|
| Form Tie | Form Tie (mm.) | Screw Lenght (mm.) |
| | | |

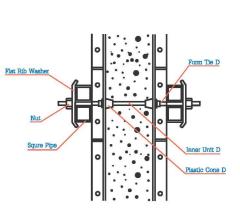
| Form Tie | Form Tie (mm.) | Screw Lenght (mm |
|--------------|----------------|------------------|
| | 180 | 95 |
| Type B, D | 210 | 120 |
| (With a nut) | 250 | 145 |
| | | |

Plastic Cone



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| Plastic Cone | linner Unit Diameter เส้นฟาศูนย์กลางของเหล็กไล้ใน (เมน.) | Concrete Panel Thickness ความหมายองไม้แบบ (แม.) |
|--------------|---|--|
| Туре В | 9 | 9 |
| 74 | 9 | 10 |
| | 9 | 12 |
| | 9 | 16 |
| | 9 | 24 |
| Type D | 12 | 21 |



คอนกรีตทั่วไป/Type B

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TIE ROD, TIE BAR

Tie Rod/Tie Bar





Length Max. = 6,000 mm.

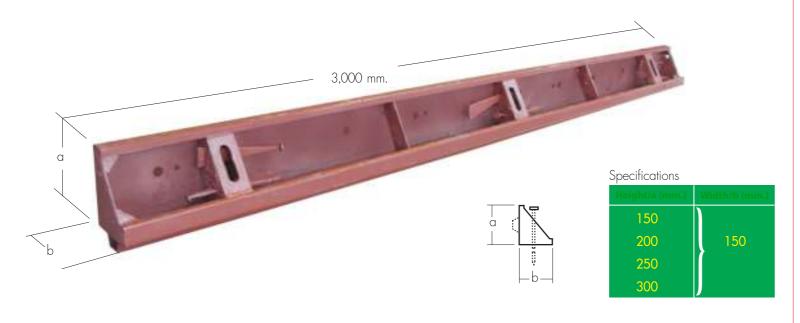




ROAD FORM

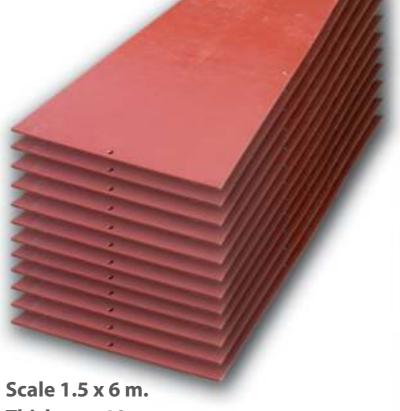
ROAD FORM

Road Form is designed for road concrete pouring, normally used for concrete slabs or floors. It is suitable for a variety of concrete thickness and can be used for both sides.



METAL SHEET

Thai Const has more than 10,000 metal sheets available for rental.





Thickness 19 mm.

OFFICE CABINET

Container Office



Temporary Toilet with septic tank



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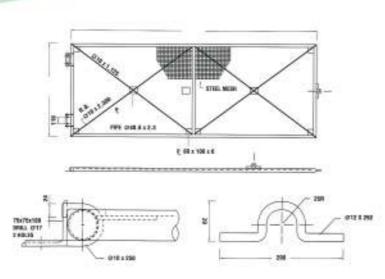
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PROTECTION SYSTEM

PROTECTOR SHEET

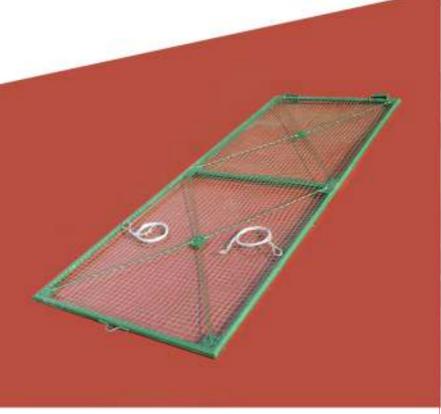


Protector Sheet has a bearing capacity up to 200 kg./m.2



Size: Width 1.5, 2 meter. Length 4, 6 meter.





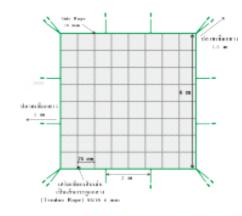
SAFETY NET

Safety Net

With continuous improvement, Thai Const has innovated Flame Retardant Safety net produced by high density polyethylene. This safety equipment for high is suitable for building construction which can prevent workers falls from height. Moreover, it can prevent dust and debris falling to passers-by.



(Flame Retardant)













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MESH SHEET

Netting Mesh Sheet is made from unflamable polyester filament. It is used for dust protection and for safety purpose at the construction site.

Applications

- 1. Wind and sunlight (UV) protection
- 2. Small scraps and dust protection
- 3. Can be used at any construction site

Properties

- 1. Water and chemical resistant.
- 2. Light weight and high flexibility. (4 Kgs./m²)
- 3. Strong and Durable.(Verticle Strength = 170 Kgs./cm^3 , Horizontal Strength = 180 Kgs./cm^3)
- 4. Utilizing high quality unflamable raw material and advanced production technology.
- 5. High transparent mesh sheet allows sufficient light in the construction area.
- 6. Good ventilation mesh sheet helps protect scaffoldings from falling apart.

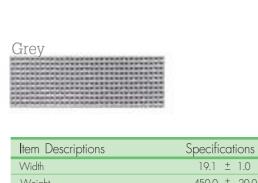
PVC MESH SHEET

With an intensive study, Thai Const has been succeeded in developing PVC Mesh Sheet with Flame Retardant. This safety equipment is used for protect workers and passers-by from dust and debris. For the safety purpose, PVC mesh sheet is well ventilated, good for reduce air resistance and protect scaffolding from falling apart.

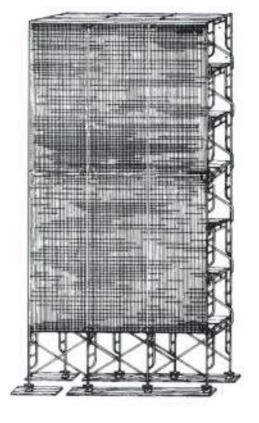




450.0 ± 20.0



Tensile Strenath



PVC Mesh Sheet 1.8x5.1 m².

There are 2 types of PVC mesh sheet; Edge bending and Eyelet punching (every 30 cm.)

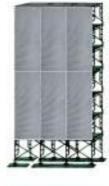
- ★ Weight 370 gram/m².
- ★ Weight 270 gram/m².
- ★ Weight 130 gram/m².

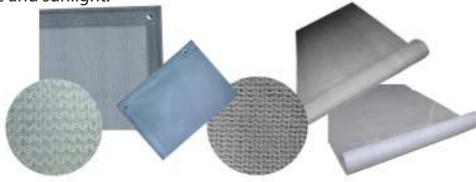
RASCHEL MESH SHEET

Thai Const Raschel mesh sheet is safety equipment for dust and debris protection. It is made from PE Polyester with high tensile strength. It can be applied to any construction works for reducing air resistance and sunlight.









Raschel Mesh Sheet 1.8x5.1 m².

There are 2 types of PVC mesh sheets Edge bending and Eyelet punching (every 30 cm.) with a variety of thicknesses as follows:

- ★ Weight 270 gram/m².
- ★ Weight 140 gram/m².
- ★ Saving sheet weight 70 gram/m²

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SCAFFOLDING TAG





BRITISH STANDARD







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BRITISH STANDARD Quality Certification by SGS



Double Coupler (Drop Forged)



Size: 48.3 mm.
 Min. slip load: 12.5 KN.
 Distortion load: 17 KN.

Swivel Coupler (Drop Forged)



1) Size: 48.3 mm. 2) Min. slip load: 12.5 KN. 3) Distortion load: 17 KN.

Beam Coupler (Drop Forged)



1) Size: 48.3 mm.
2) Min. slip load:
a. X-AX: 10 KN.
b. Y-AX: 30 KN.
c. Z-AX: 6.5 KN.

Putlog Coupler (Drop Forged)



1) Size: 48.3 mm. 2) Min. slip load: 2.3 KN.

Joint Pin (Pressed)



1) Size: 48.3 mm.
2) Min. slip load: 6 KN.
3) Distortion load: 19 KN.

Round Tube



Outdiameter: 48.3 mm.
 Length: 1.2-6.0 m.

Steel Planky



1) Length 2, 3, 4 m. 2) Weigth 6.7, 9.7, 13 Kg.

Sleeve Coupler (Pressed)



1) Size: 48.3 mm.
2) Min. slip load: 6 KN.
3) Distortion load: 19 KN.

U-Head



1) Outdiameter: 34 mm. 2) Height: 150 mm. 3) U-Plate: 100x110x50 mm.

Steel & Aluminium Ladder



1) Length: 3.0-6.0 m. 2) Width: 0.37 m.

Plank Clamp



Board Retaining Coupler

Base Plate



Outdiameter: 34 mm.
 Height: 150 mm.
 Base Plate: 120x120 mm.

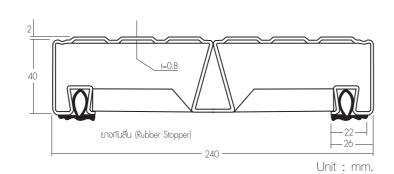
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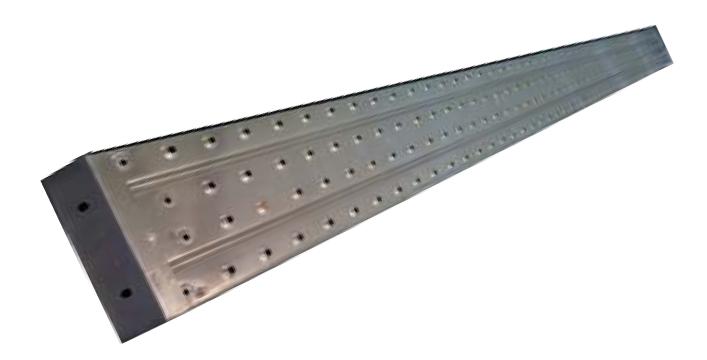
STEEL PLANKY

4000

Specification (คุณสมบัติ)

| Code | Long | Weight |
|--------|--------|-----------|
| LPO-40 | 4.0 m. | 13.0 Kgs. |
| LPO-30 | 3.0 m. | 9.7 Kgs. |
| LPO-20 | 2.0 m. | 6.7 Kgs. |





Permissible Load for Planky

| Support Intervals | Permissible Load | Warp |
|-------------------|------------------|----------|
| 0.9 m. | 300 Kgs. | 0.15 cm. |
| 1.2 m. | 180 Kgs. | 0.60 cm. |
| 1.5 m. | 180 Kgs. | 0.60 cm. |
| 1.8 m. | 150 Kgs. | 0.90 cm. |

Instruction for planky

- Using under permissible load depending on support intervals. In the case of using planky in 3 or 4 meter
- should have at least 3 supporting spots.
 Caution: do not drop planky from height or crash
- because it may be out of shape could cause an accident. Self Storage: In one pack is consisting of 20 pieces (the bottom one should facing down).
- The planky can be carried by not carry over 3 packs.

CUPLOCK SYSTEM

Cuplock System is manufactured in accordance with

BRITISH STANDARD BS EN 12810:2003

Cuplock System

- Made from steel pipe with diameter of 48.3 mm. x thickness of 3.2-3.4 mm.

STANDARD

| ITEM | EFFECTIVE LENGTH |
|-----------------|------------------|
| 3.0 m. Standard | 2.932 m. |
| 2.0 m. Standard | 1.955 m. |
| 1.5 m. Standard | 1.466 m. |
| 1.0 m. Standard | 0.977 m. |
| 0.8 m. Standard | 0.750 m. |
| | |

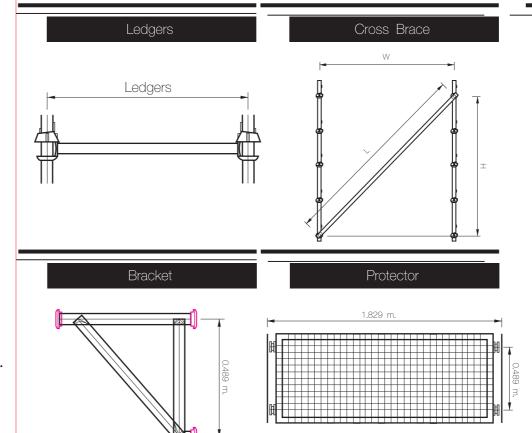


| ITEM | EFFECTIVE LENGTH |
|---------------|------------------|
| 2.5 m. Ledger | 2.640 m. |
| 1.8 m. Ledger | 1.829 m. |
| 1.6 m. Ledger | 1.514 m. |
| 1.2 m. Ledger | 1.219 m. |
| 0.9 m. Ledger | 0.914 m. |
| 0.6 m. Ledger | 0.610 m. |



Cuplock System (Standard)

Drawing unit: m.



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