

and integrity. All products are checked at each production stage before they are allowed to the next level. Finally, no item leaves the factory without a thorough final inspection by a dedicated quality control person. Moreover, we are currently undergoing ISO 9002 Certification, which will further enhance our Total Quality Assurance System.

4. Powder Coating. We now powder coat all our frames using our state of the art conveyorized powder coating system and DuPont premium outdoor powder. WTI's system includes metal pre-treatment utilizing a shot blast machine--- the most efficient means of scale, rust removal and surface preparation for enhanced product quality. Then items are steam cleaned before they are ready for powder application. We have two stainless steel powder booths for quick color changes and quality coating at 70 microns. Finally, items enter into high temperature oven at 450 degrees to seal the finish to steel surface. More importantly, unlike most other manufactures, we also coat the inside of the tubes with rust-inhibitive paint to prevent them rusting from inside out.

5. Galvanizing. We galvanize all our Rails, Goosers, Crosses, Legs and other items with Yellow-zinc at no less than 15 microns thick. This type of galvanizing is more expensive and more durable (in fact last 3 times longer) than other types of electro-galvanizing.

6. Strength: All our Guardrails and Cross Braces are cold-pressed (at the ends), not heated so there is no damage to the integrity of the steel, which is a special cold-rolled steel we have developed with the steel mill. Overall, the results are scaffold products that are much more durable, corrosion resistant and better able to withstand job sit usage.

7. Shipping: Our packing system is the best in the industry .It's very stable and easy for unloading thus preventing any damage during the shipping and saving time and money for our customers.

8. Safety: We constantly test our products at Factory and in US labs in order to ensure they meet both Federal and State standards. We also encourage our customers to test our products as well. The test that we have just completed shows our Frames can withstand the load of 3860 LBS/Lea.

Recent Steel Test Results (February, 2002):

| | C | Si | Mn | P | S | Yield Point | Tensile Strength | Elongation |
|---------------------------|------|------|-----|-------|-------|--------------------------|---------------------------|------------|
| #1. 43x2.41 (1.69"OD) | 0.14 | 0.40 | 158 | 0.016 | 0.027 | 477.2N/mm2 (69200PSI) | 594.9N/mm2 (862280PSI) | 32.9% |
| #2. 42.3x2.5 (1.66"OD) | 0.14 | 0.38 | 153 | 0.015 | 0.022 | 448.1M/mm2 (62200PSI) | 547.4N/mm2 (79390PSI) | 34.2% |

Notes: #1 is for 1.69" STYLE OD series Frames, and #2 is for Snap On and FLIP LOCK style Frames. These two types of Manganese steel are most commonly used ill our factory. We test every shipment of steel materials before using them. And we also constantly test our finished frames ill order to make sure that they meet load standards.

COMMERCIAL SCAFFOLDING SALES, INC.

14732 S. Maple Avenue Gardena, CA 90248
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Commercial Scaffolding frames are made of high yield and tensile Manganese steel. Joints are fully coped and tubes are coated with rust-inhibitive paint. After April 15th all frames will be powder coated. All prices include two standard galvanized coupling pins and fasten with high strength steel roll lock pins.

Screw jacks have ACME thread and a solid stem. They are made from galvanized steel.

All goosers are yellow Zinc galvanized steel. Standard goosers are 1.38" OD and heavy duty are 1.67" OD.

All cross braces are made of 1.05" O.D. high tensile and yield steel tubing with .08" wall thickness. Cross brace center pins are high strength bolts to assure proper load distribution. All cross braces are galvanized with yellow Zinc.

All products meet and exceed the minimum requirements of both OSHA and US construction industry standards. All scaffolding accessories are compatible with other major brands of scaffolding.

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All guardrails are fabricated from thicker 1.32" OD Heavy duty tubing with .08" Wall thickness for extra strength. Guardrails are yellow Zinc galvanized steel.

CSSI SCAFFOLDING TECHNICAL DESCRIPTIONS

Material Specification Comparison

| | | OUR SCAFFOLDING | OTHER SCAFFOLDING | STRENGTH COMPARISON |
|--|------------------|---|---|--|
| FRAMES: (snap-on & flip-lock) | Legs & Headers | 1.666" OD Tube Diameter X 0.098" Wall Thickness | 1.625" OD Tube Diameter X 0.090" Wall Thickness | CSSI Frames are 12% stronger than other common scaffold frames in its class. |
| | Interior Members | 1.06" OD Tube Diameter X 0.08" Wall Thickness | 1.05" OD Tube Diameter X 0.07" Wall Thickness | |
| GUARD RAILS | | 1.37" OD Tube Diameter X 0.08" Wall Thickness (10') | 1.25" OD Tube Diameter X 0.07" Wall Thickness (10') | CSSI Rails are 14% stronger than other common scaffolding frames in its class. |
| | | 1.31" OD Tube Diameter X 0.08" Wall Thickness (under 10') | 1.06" OD Tube Diameter X 0.08" Wall Thickness (under 10') | |
| CROSS BRACES | | 1.05" OD Tube Diameter X 0.08" Wall Thickness | 1.00" OD Tube Diameter X 0.08" Wall Thickness | CSSI Crosses are 6% stronger than common crosses. |

Technical Highlights

1. **Material:** Premium Quality starts with the best raw materials. We only use the high-grade Manganese steel that comes with the original factory certification for the maximum yield and tensile strength, at minimum 65,000 PSI and 80,000 PSI, respectively (this is 2 grades higher than the steel used by most other Chinese manufacturers). Combined with larger OD tubes for both legs/headers and interior members, all our frames exceed the requirements of OSHA and American industry standards for construction scaffolding.

2. **Accuracy:** With computer design, all products and parts are of exact measurements. We are able to manufacture a complete line of construction scaffoldings and accessories in-house, including the steel tubing. This offers even better control as well as flexibility to meet customer's demands and customization. All tubes are then machined into parts, placed in precision jigs and fixtures to maintain rigid accuracy during assembly and welding. The standards allow for dimensional tolerance at +/- 1/16" (1.59mm), whereas we require at no more than +/- 1 mm at factory.

3. **Welding & Control:** Our welding joint is fully coped to provide larger surface in order to insure superior strength