

Steel Joists

Canam Steel Corporation
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 John.love@canamsteel.com
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Canam Steel produces specialty trusses, open-web steel joists and extra-long joists. Along with the open-web steel joists, Canam specializes in composite joists, super-long spans and specialty trusses such as barrel, bowstring, gable and scissor trusses. Canam Steel has 13 plants in North America and a total production capacity of 524,000 tons. Canam's welders, inspectors and quality assurance technicians are AWS or CWB certified. To locate the nearest Canam office, call or visit the web site to download Canam's joist catalog.

Nicholas J. Bouras, Inc., a subsidiary of Bouras Industries Inc.
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Nicholas J. Bouras, Inc. is the sales, engineering and detailing subsidiary of Bouras Industries Inc., a manufacturer of steel construction products, with plants and sales offices in 17 states. The New Columbia Joist Co., Bouras' joist-manufacturing subsidiary, produces Steel Joist Institute-specified K, LH, DLH series joists, joist girders and specialty trusses. For more information or to locate your local sales representative, call or visit the web site.

Nucor Vulcraft Group
 P.O. Box 637
 Brigham City, UT 84302
 Ph: 435.734.9433
 Fax: 435.723.5423
 roy@vulcraft-ut.com

P.O. Box 280
 Chemung, NY 14825
 Ph: 607.529.9000
 Fax: 607.529.9001
 sfitts@vulcraft-ny.com (Vulcraft of NY, Inc.)

P.O. Box 100520
 Florence, SC 29501
 Ph: 843.662.0381
 Fax: 843.662.3132
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P.O. Box 680169
 Fort Payne, AL 35968-0169
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 Ph: 260.337.1800
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Nucor's Vulcraft Group produces steel joists, joist girders and steel deck. Vulcraft also produces highly engineered products, such as composite floor joist. Vulcraft supplies products for a range of structures: from high-rise office buildings and large industrial complexes, to pump house buildings and schools. A variety of joist and joist-girder configurations are available for architectural consideration, including arched chord, bowstring, scissor and single- and double-pitched designs. Vulcraft products, made from more than 90% recycled materials, have been

part of green buildings. They support venues such as the Olympic Speed Skating Oval in Utah, home of "The Fastest Ice on Earth," and the second-largest skylight in the nation at the Opryland Hotel in Nashville, TN.

Quincy Joist Company
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 Quincy, FL 32351
 Ph: 800.277.1075
 Fax: 850.875.1277

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 Buckeye, AZ 85326
 Ph: 623.386.1900
 Fax: 623.386.1888
 www.sales@quincyjoist.com
 quincyjoist.com



Quincy Joist Company manufactures open-web steel joists and joists girders. Quincy Joist also produces engineered and customized products, such as composite floor joists, bowstring, arched and scissor joists. Engineering capabilities and production capacity permit timely fabrication and delivery of projects of all sizes and complex engineering challenges. One example is St. Timothy's Catholic Church in Hillsborough County, FL. The design required two domes, one spanning 64' with a radius of 45' and the other spanning 124' with a radius of 105'. The use of joists saved the project almost \$200,000 and cut four weeks out of the schedule.

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The Steel Joist Institute offers the new 75-Year Manual with a complete listing of commonly used live and dead loads throughout the 75-year period since 1928. It offers step-by-step investigative procedures and time-saving data for use when analyzing existing structures as well as building-site information and equipment needed. This manual includes a complete chronological listing of all Institute specification and load tables. A new section features examples for calculating moment of inertia of older joists.

Steel Joists

SMI Joists

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Manufactured by SMI Steel Products, the Smart-Beam® is a cost-effective option for long-span floor or roof applications. Designs allow mechanical services to pass through the structure while reducing building heights. SMI Joist division produces long-span steel joists, deep long-span steel joists and joist girders, with coast-to-coast production facilities and nationwide service. An in-house joist test lab conducts research and development projects. SMI Steel Products is part of the CMC Steel Group of Commercial Metals Company (NYSE:CMC) headquartered in Irving, TX.

Valley Joist, Inc.

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Valley Joist is a manufacturer of steel joists (K Series, LH, DLH and joist girders) and steel deck (roof deck, composite deck and form deck). Valley Joist also fabricates a wide range of non-standard joists and joist girders including bow strings, rainbow joists, single pitch, double pitched, scissor joists and gable joists. Valley offers full customer service, beginning with a computerized detailing department. Complete AutoCAD placement drawings are produced for each customer's building. Valley's fleet of trailers and modern tractors delivers products the morning construction begins. Valley Joist has delivered buildings as far north as Alaska, as far south as Puerto Rico and as far west as the Marshall Islands.