

NiSA Metal Buildings

FAST TRACK INTERNATIONAL QUALITY STEEL BUILDINGS

WAREHOUSE
BUILDING

LARGE SPAN
COMM./ MALLS

HEAVY ENGG.
FACILITY

TOURIST
COTTAGES

GAS FILLING
STATION

TEXTILE
MILL

OFFICE / CALL
CENTER / B.P.O.

COLD STORAGE
BUILDING

MEZZANINE
FLOORS

SHIP YARD
WORKSHOP

INSTITUTIONAL
FACILITY

ROOF TOP
EXPANSION

AERO PLANE
HANGER

FACTORY
SHED

CRANE MOUNTED
SHED

ROOF TOP
CAFETERIA





Over a decade ago in the year 2002 NiSA Metal Buildings was launched. We offer international quality product suiting Indian Standards codes of Practices / best International standards at a fair price, with special emphasis on Structural soundness, durability and customer satisfaction . That's the reason we are today **the most trusted Pre-engineered rigid frame steel buildings supplier** with customer's satisfaction "*par-excellence*".

NiSA metal buildings are the highest caliber steel buildings offered at the lowest possible cost, in terms of cost and execution time. Irrespective of cost and size of buildings, NiSA metal buildings are produced with utmost care in terms of quality , structural integrity and performance .

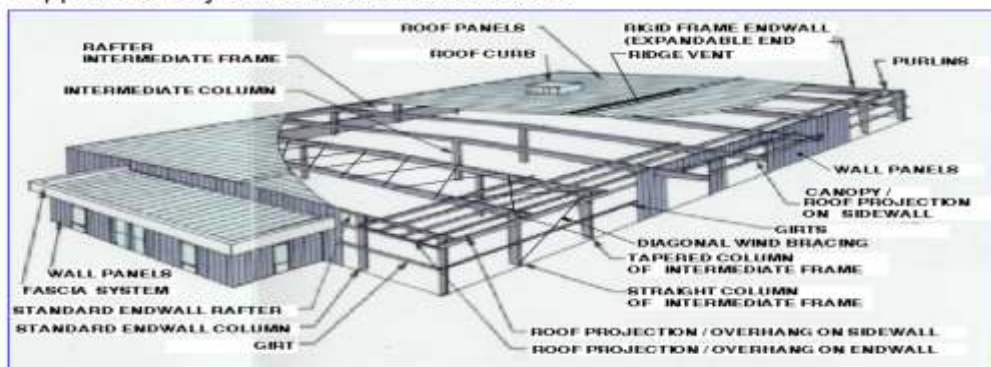
NiSA metal buildings are suited for fast track projects as they are Pre - engineered bolt-together systems - no site welding is normally required. Completely segmented super-structure steel building arrives at site with installation plan and ready to assemble "*the right way*" over the Foundation /Anchor Bolts at amazing speed and quality.

NiSA metal buildings system offers versatility of size , configuration and material specifications to chose from a wide range of various cladding / roofing / partitions / liner / insulation materials and therefore enables the customer to be free of the imposed constraints due to monopoly / standard product range of many Pre-engineered building manufacturers .

NiSA metal buildings are designed /fabricated /quality controlled by a team of well qualified , high caliber and experienced Engineers. Our Managing Director **Er. N.SAROOP** ; Masters in Civil Engineering (Structural Engg specialisation) , recipient of The Institution of Engineers (India) Chartered Engineer GOLD MEDAL (awarded by the Hon'able President of India in 1975) and Babu Ganpat Rai GOLD MEDAL of Delhi College of Engg. , Univ. of Delhi (awarded by the Hon'ble Vice-President of India and vice-chancellor of D.U. in the year 1977) with over 35 years of professional career in India and Abroad with hundreds of Pre-engineered buildings completed over the years. Under his valuable leadership , well engineered, ISO 9001 manufactured , international quality Nisa Metal Buildings are brought to your door steps at amazing speed.

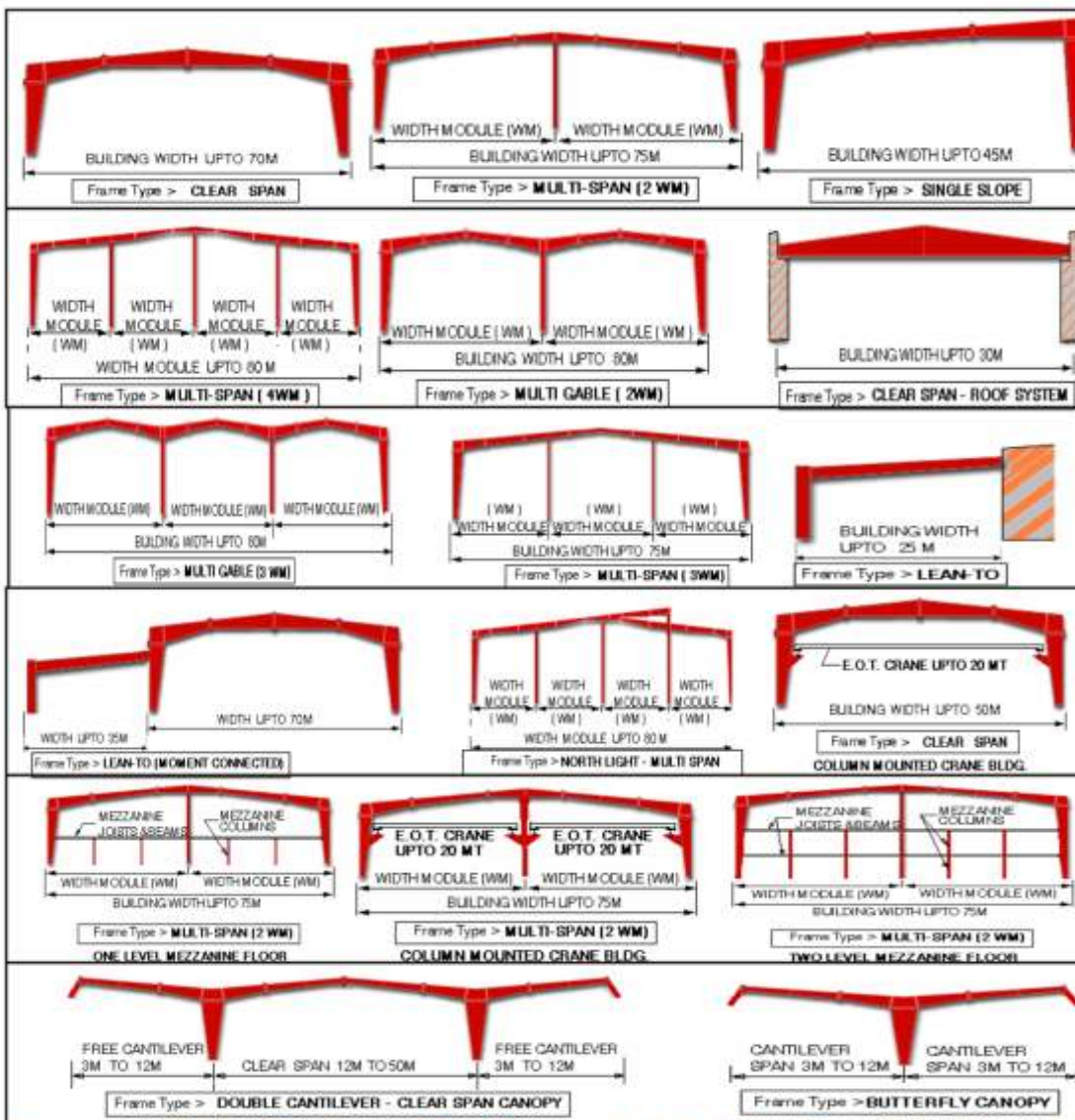
C.A.D.D. & C.A.M. Manufacture:

At NiSA Metal Buildings we use most advanced computer aided design and manufacture facilities. Our Engineers and technicians are well trained to ensure a quality product delivered to you in the tight time schedules normally desired by the projects. We adopt ISO9001 accredited "state-of-the-art" fabrication facilities with CNC machines and can deliver large volume supplies at very reasonable time schedule.



NiSA METAL BUILDING CONFIGURATION

Primary Structural Framing configurations :



Many more structural framing configurations can be offered to suit special requirements. NiSA Metal Buildings are the most versatile range of Pre-Engineered steel buildings.

SECONDARY FRAMING structural members are the Purlins , Girts , Eave Struts and diagonal / portal frames bracing. Purlins support the roofing while Girts supports the sidewall cladding . Purlins and Girts also helps in resisting part of longitudinal forces generated due to wind or earthquake loads and they provide lateral bracing to the compression flanges of the main frame members thereby improving the primary frame capacity.



ROOFING & WALL CLADDING

Roof and Wall sheeting offered by us cover almost all the available range of sheeting materials and rolled profiles that are durable and suited. Two type of fixing methods are offered i.e. Screw fastened system / Concealed clips system. The Screw fastened sheeting system is generally adopted for roof and walls . The concealed clip mounted system is offered for shallow sloped roofs less than 2.5 Degree slope / depending upon the client's choice.

Profiles : Normally the cold formed sheeting profiles offered are with main ribs 28 - 30 mm high @ 195mm - 250mm c/c depending upon suitability and design. The sheeting panels offered can be upto 12 M single length and cover width 980 -1000 mm.

Substrates : The Cold Rolled steel sheets are available with two options. Conforming to IS-277 and IS 513 with minimum 75 gsm Zinc coated galvanised steel of yield strength 240 Mpa is one option. The other option is Zinalume / Galvalume pre-coated high tensile cold rolled steel 550 Mpa yield strength substrate conforming to AS 1397, with AZ 150 class zinc-aluminum coating (43 % zinc , 55% aluminum and 1.5 % silicon).





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