

SOLAR SUPPORT SOLUTIONS

PV Panel Mounting & Supporting Steel Structures



**SHINSUNG
CONTROL**
ISO 9001:2008

TOTAL SERVICE

A reliable, and environmentally friendly system is achieved through pre-consulting and the verification of MIDAS program. MIDAS Gen is used to perform structural analysis and render 3D models of steel structures



DESIGN

Product development collaboration with POSCO for steel structure designs using MIDAS Gen.



MATERIAL

C Section/ H Section / I Section
Corrosion resistance (POSMAC, GIX, GLX, Hot dip Galvanized)



Roll forming

QUALITY

Quality raw materials, direct sourcing from POSCO
Hyundai Steel and Dongkuk Steel

High corrosion resistance POSMAC, GIX, GLX

 > 01

Corrosion resistance Optimal corrosion resistance which is more than 5 ~ 10 times compared with general zinc plated steel

 > 02

Economic Time and cost saving effect in the maintenance during long term use

 > 03

Utilization Can be used in environments where the same hot dip galvanized products may not be suitable

 > 04

Durability Lasts about 5 times longer than existing hot dip galvanizing



TOTAL SERVICE

A reliable, and environmentally friendly system is achieved through pre-consulting and the verification of MIDAS program. MIDAS Gen Version 8.6.0 (GEN 2017) is used to perform structural analysis and render 3D models of steel structures



Solar Panel
Korea Energy Corporation Certified
KS Certified
10 year product warranty

PV Panel Mounting Supporting Steel Structures

C section/ H section / I section
Corrosion resistance (Hot dip Galvanized / POSMAC)



Consulting Services

1: 1 customized consultation
with consulting specialist



Manufacturing

Self-production automation
Roll Forming Stability
safety through MIDAS



Profitability

Self-production, reduction
of initial installation cost and
maximization of profitability



Materials

Variety of structural materials special
C section / H section / I section
POSMAC, GIX and GLX



Warranty

Quality assurance
Certified by Korean Energy Cooperation
Usage of KS products (modules & inverters)



Reliability

Reliable steel structures
Extended warranty
Product and material certification
and test reports

01 SLOPE FIXED TYPE STRUCTURE

Its basic, stable and light weight structure guarantee easy installation
Secures accurate structure through on-site measurement



02 GROUND FIXED TYPE STRUCTURE

It guarantees long durability as the safety
Efficiency are considered through in-depth analysis of site



03 TRACKING TYPE STRUCTURE

Optimized support of angles and dimensions to
suit your needs



04 SOLAR PHOTOVOLTAIC STRUCTURE

Environmentally friendly energy. Advantages: Anti Corrosion
steel using POSMAC



Business Areas



RENEWABLE ENERGY
SOLAR & ESS

ORIGINAL DIVISIONS

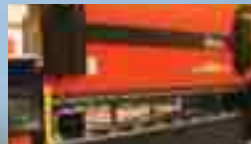
ROAD SAFETY
GUARDRAIL



TEMPORARY CONSTRUCTION
SCAFFOLDING



STEEL SERVICE
NCT



NEW DIVISIONS



ROAD SAFETY
IMPACT ATTENUATOR



TEMPORARY CONSTRUCTION
SMART PANEL



PERMANENT CONSTRUCTION
CABLE TRAY



Automated Production

Optimal Quality and Accuracy
Easy on site assembly



Light weight

Semi-permanent Steel Structures
Corrosion Resistance



Total service

Optimal structural designs
Post management
(operation and maintenance)
through MIDAS GEN

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