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NEW ENERGY



DONGFANG BAOYU NEW ENERGY

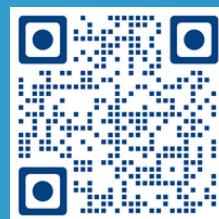
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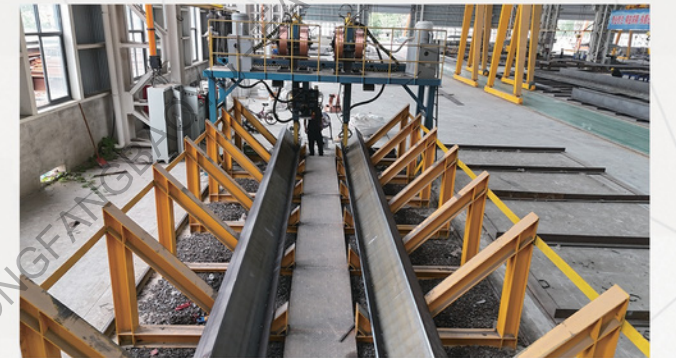
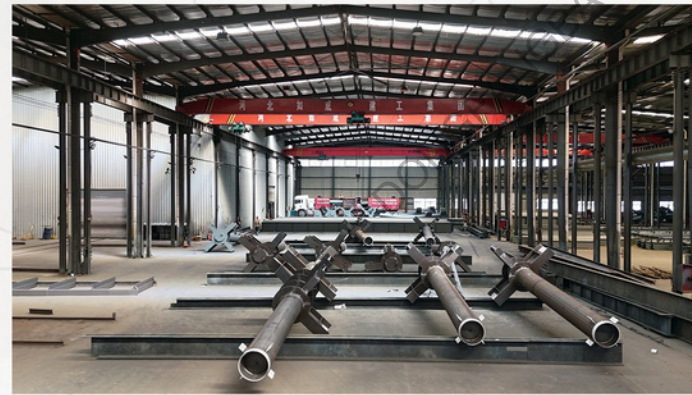
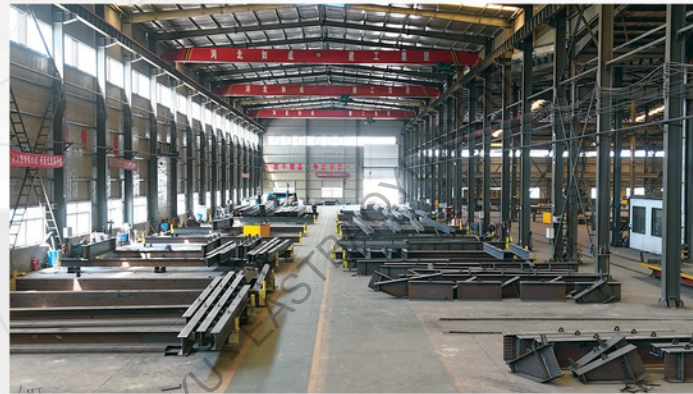
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STEEL STRUCTURE

Factory Overview



Comprehensive Steel Structure Solutions

Building Steel Structures



Bridge Steel Structures



Custom Large Steel Components



Steel Structure Project Cases

Fitness Center Project

Mining Area National Fitness Center Project

Construction Time: November 2018

Project Location: Jingxing Mining District, Shijiazhuang City

Floor Area: 14658 m²

Project Overview:

The project involves the construction of a basketball gymnasium, swimming pool, table tennis room, physical fitness testing room, physical training fitness



Smart Logistics Warehouse

Yizhi Smart Logistics Warehouse Clean Energy Post-Selection Product Warehouse Project

Construction Time: April 2023

Project Location: Baotou City

Floor Area: 53504 m²

Project Overview:

Main workshop, preparation workshop, corridor from preparation workshop to main workshop, coal receiving pit, corridor from coal receiving pit to raw coal transfer point, raw coal loading point, corridor from raw coal transfer point to preparation workshop, corridor from main workshop to clean coal transfer point, clean coal transfer point, clean coal unloading point, corridor from clean coal transfer station to clean coal unloading point, secondary clean coal unloading point, middling coal unloading point, gangue unloading point, corridor from main workshop to secondary clean coal unloading point, corridor from secondary clean coal unloading point to middling coal unloading point, corridor from middling coal unloading point to gangue unloading point, concentration workshop, comprehensive office building, raw coal shed, clean coal shed, gangue shed, and coal slime shed.



Industrial building warehouse

Tianjin Steel Pipe Manufacturing Co., Ltd. Waste Steel Yard Dust Control Project

Project Location: Dongli District, Tianjin

Floor Area: 42486.67 m²

Project Overview:

The workshop is a single-story structure with a column spacing of 12 meters, axial length of 516 meters, and span of 79.8 meters. It features a high-low span design, with the high span reaching 41 meters and the low span 38.8 meters. The eaves height is approximately 18 meters for the low span and 23 meters for the high span.

The building structure adopts a steel structure system, with an earthquake fortification intensity of 8 degrees, a fire resistance rating of Grade II, a fire hazard classification of Category E, and a roof waterproofing grade of Class II.



Agricultural Industrial Park Project

Dayou Xingye (Fugou) Modern Agricultural Industrial Park

Construction Time: September 2023

Project Location: Fugou County, Henan Province

Floor Area: 1,200,000 sqm

Project Overview:

The project has a total investment of 400 million yuan, mainly including: plant factory and seedling R&D center (8930sqm), cloud-intelligent cold chain logistics distribution center, fresh vegetable primary processing and sorting & packaging center, biological organic fertilizer engineering center (19000sqm), digital Party building and modern agricultural technology demonstration center (8400sqm), etc.

Construction of Plant Factory and Seedling R&D Center:

-Planned land area: 1,200,000 sqm

-Construction of 1,000,000 m² all-environment intelligent film (imported materials) multi-span greenhouses



Coal Storage Warehouse

Safety and Environmental Protection Technical Transformation Project of Hebei Chun'ao Industrial Co., Ltd. – Raw Coal Shed and Clean Coal Shed Engineering

Construction Time: April 2024

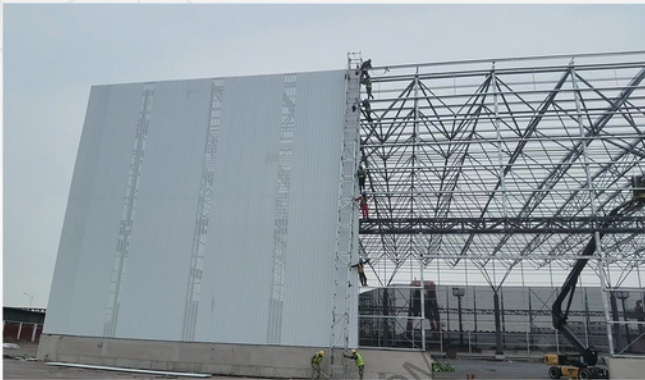
Floor Area: 41492 m²

Project Overview:

- Clean Coal Shed: 28,990 m²
- Raw Coal Shed: 12,502 m²

The grid spans are 44.107m and 44.856m respectively

- Roof structure: Double-pitch roof grid structure with bolted spherical joints
- Roofing: Metal profiled color steel sheets, sloping roof formed by structural camber
- Seismic design: Seismic fortification intensity of 7 degrees
- Safety class: Grade II
- Design service life: 50 years



Terminal building project

Terminal Building of Shuozhou Civil Airport

Construction Time: 2021.3

Project Location: Shuozhou, Shanxi

Floor Area: 26500 m²

Project Overview:

Shuozhou Zirun Airport is located in Zirun Township, Shuocheng District, Shuozhou City, Shanxi Province, China. It is about 20 kilometers northwest of downtown Shuozhou. The airport is a 4C-class domestic regional airport and a relocation project of Pingshuo Antaibao Airport.

As of December 2023, the airport terminal covers 6,500 square meters.

The aviation apron includes 10 Category C aircraft stands and 1 isolated parking space. The runway is 2,600 meters long and 45 meters wide.

The airport is designed to handle:

- 550,000 passengers per year
- 2,200 tons of cargo annually
- 7,534 aircraft takeoffs and landings



Airport Hangar Project

Hangar Project of Ulaanbaatar New Airport, Mongolia

Project Location: Ulaanbaatar, Mongolia

Construction Time: 2019

Project Overview:

The Ulaanbaatar New Airport facility spans 12,250 m² with a 23-meter eave height and 79-meter span. Its large-span steel truss structure provides two aircraft parking positions capable of simultaneously accommodating two Boeing 787-9 aircraft.



Singapore Wafer Factory Production Workshop

Singapore's Linhai Lighthouse newly built 7-story wafer fab production building



Sports Center Project

Steel Structure Project of Granada Sports Center (Aid Project)

Construction Time: 2014

Project Location: St. George's

Floor Area: 20000 m²





India Rungta Mining Blast Furnace Project



Peru NAIPU Mining Machinery Plant

