

The Leading Manufacturer Of Heavy Transport Equipment



Headquarter production base:

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add: 204, Huadian Building, No.839 Guozhan road, Pudong, Shanghai, China
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Company profile

HUAYUN SHUNTONG (HYST) was founded in 2007, located in Quyang town, Baoding city, Hebei province, China. We are the special vehicle R&D and production enterprise managed by the "Announcement on Automobile Production Enterprises and Products" of the Ministry of Industry and Information Technology of China. We have passed the ISO9001 quality management system certification, GJB9001-2007 weapons and equipment quality system certification, ISO14001:2015 Environmental Management System Certification, ISO45001:2018 Occupational health and safety management system certification, GB/T27922-2011 after sale service system certification, and the company's products have obtained the national "3C" compulsory certification.

The company has won honors such as the National Specialized / New tech Giant Enterprise, Hebei Province High-tech Enterprise, Hebei Province Specialized and New Enterprise, and Hebei Province Science and Technology-based Enterprises, Quality Award Winners of city

After 17 years development, company assets over 0.15 billion USD, office building over 15,000m², production base over 50,000m², 350 Employee, 60 high tech researcher engineers, a technical team that is indomitable, strong, united, hardworking and skilled in business.

The company adheres to the business philosophy of dedication, wisdom and innovation, aims at the high-end technology of the national and world industries, and is diligent in research and development and innovation. It has mass-produced SPMT, hydraulic module vehicles, and hydraulic vehicles and hull transporters of different models, which are specialized vehicles for large-scale cargo transportation in offshore and onshore wind power generation, water conservancy, mining, marine engineering and other fields. Relying on excellent quality and stable technical performance, the company has successfully completed domestic overweight and oversized transportation projects many times. At present, the company's products have been exported to more than 50 countries and are deeply favored by customers.

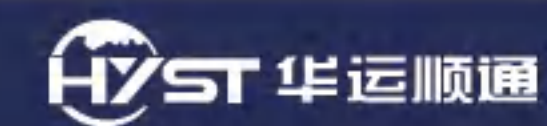
HUAYUN SHUNTONG (HYST) takes "HYST Equipment, Going Global" as its development goal, strives to pursue excellence, builds a world-renowned brand of special transport vehicles, and continuously contributes new achievements to the technological progress of the industry.

- ✧ National Small Giant Enterprise
- ✧ Hebei Province Specialized, Refined, Unique and New Model Enterprise
- ✧ Hebei Province High tech Enterprise
- ✧ Technology oriented enterprises in Hebei Province



Catalogue

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SPMT, self propelled modular transporter

SPMT (Self-propelled modular transporter) adopts electronically controlled hydrostatic drive system, electronic synchronous control hydraulic lifting suspension, all-wheel independent steering, frame hydraulic balance and three-point/four-point support technology, which can realize carpooling and intermodal transport functions, and the driving, lifting and steering signal system functions can be controlled by connecting the microprocessor unit through the CAN bus.

SPMT has high maneuverability, flexible steering, and low requirements for the use environment. It is especially suitable for equipment transportation at the construction site, as well as long and short distance transportation of sections and large sections. It is widely used in the manufacturing process of shipbuilding, petrochemicals, and offshore modules, and is irreplaceable by other transportation equipment.

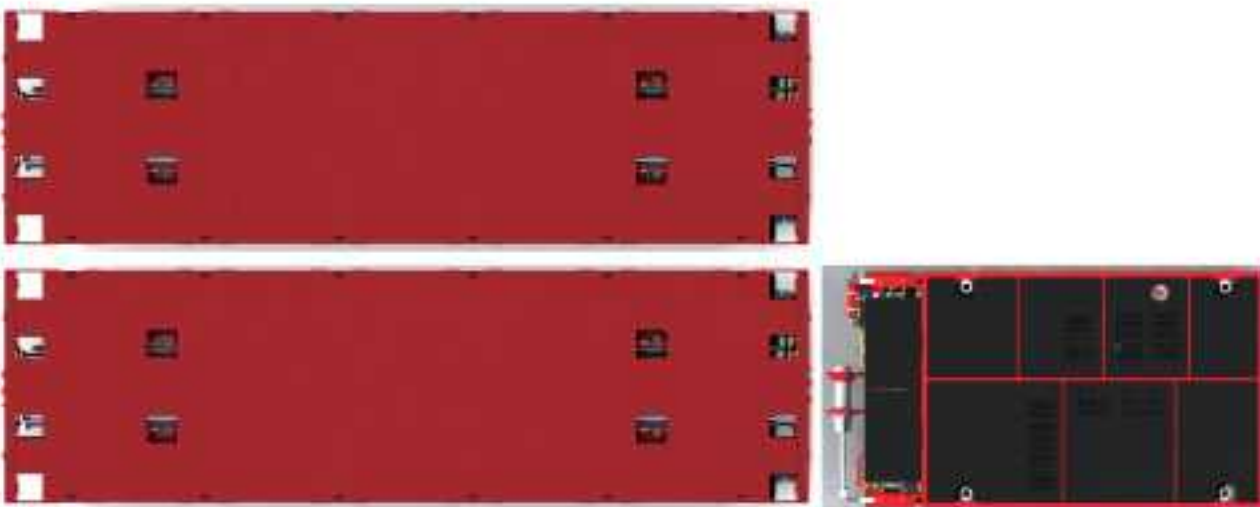


Main Specification

Number	Item	Remark
1	Steering model	Normal drive,Diagonal Drive,Crab steering,Circular Drive,Transverse steering left/right,Front axle steering,Transverse steering
2	Axle load	48 Tons per axle line
3	Tire size	16x355/65-15PR32 (12.5tons @ 0.5km/h)
4	Steel	Q690E
5	Height	1500 ±350mm
6	Install hole processing	One time assemble, whole processing
7	Steel structure	Magnetic powder; Ultrasonic
8	Suspension	3 points/ 4 points hydraulic suspension support
9	Painting	Marine grade paint, Epoxy zinc primer
10	Skiding system	Electric skidding
11	Electric system	German TTC controller,Italy AUTECH remot control
12	Engine Heat dissipation	Hydraulic drive, German radiator
13	Waterproof	IP65
14	Fuel	Diesel, abrasion hydraulic oil

COUPLING VARIATIONNS —UNLIMITED POSSIBILITIES

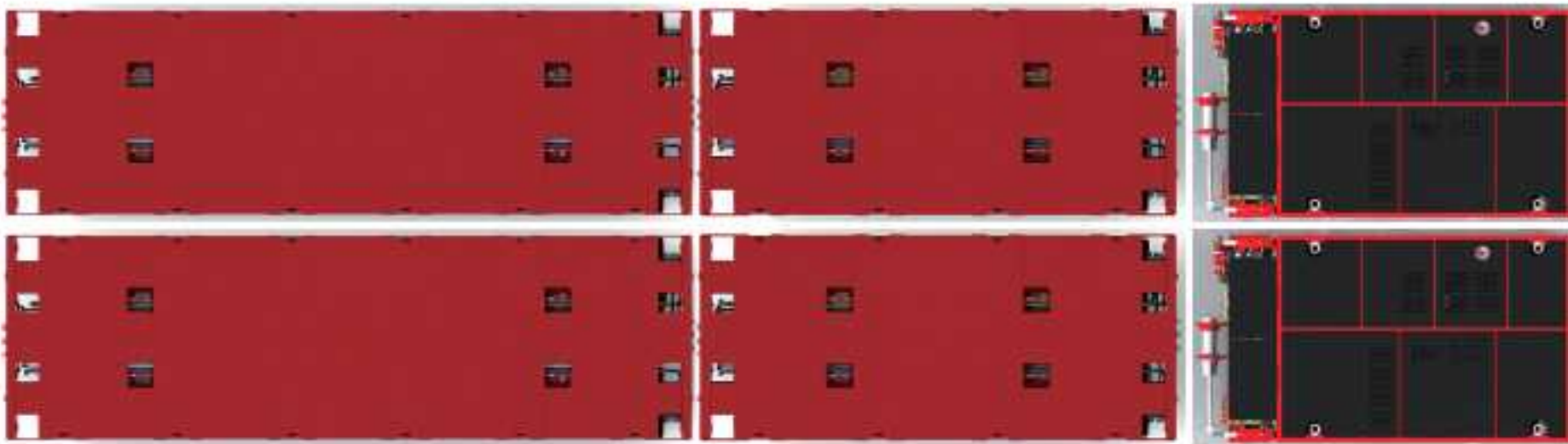
Mechanically coupled "side-by side"



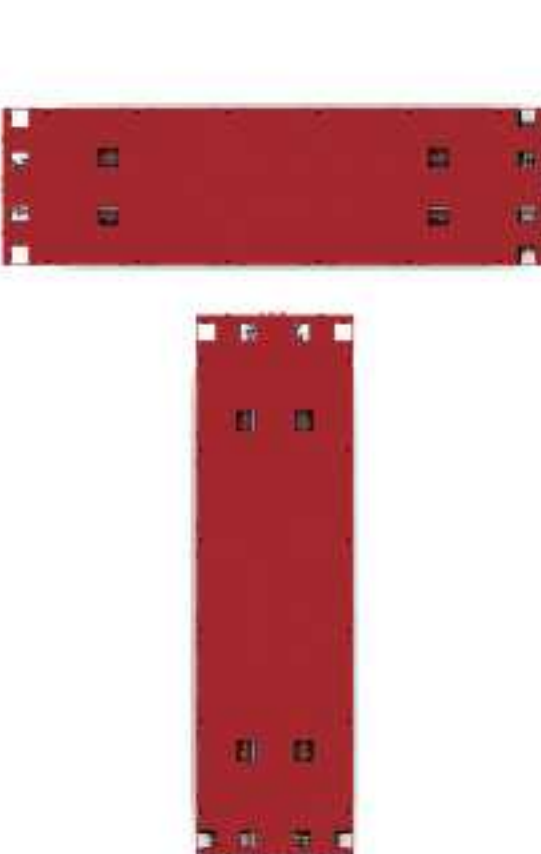
Mechanically coupled "end-to-end"



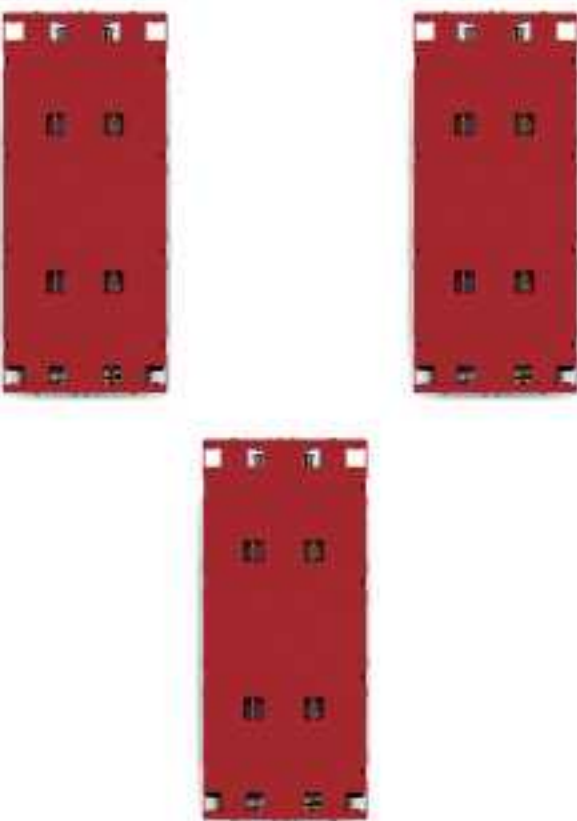
Mechanically coupled in large combinations



T-combination



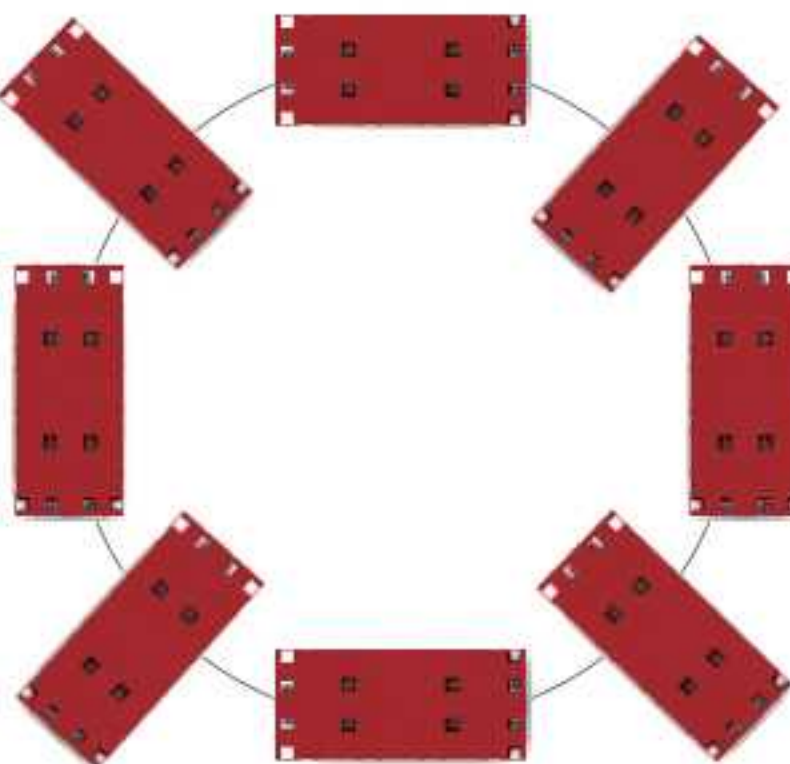
Y-combination



V-combination



Circle-combination

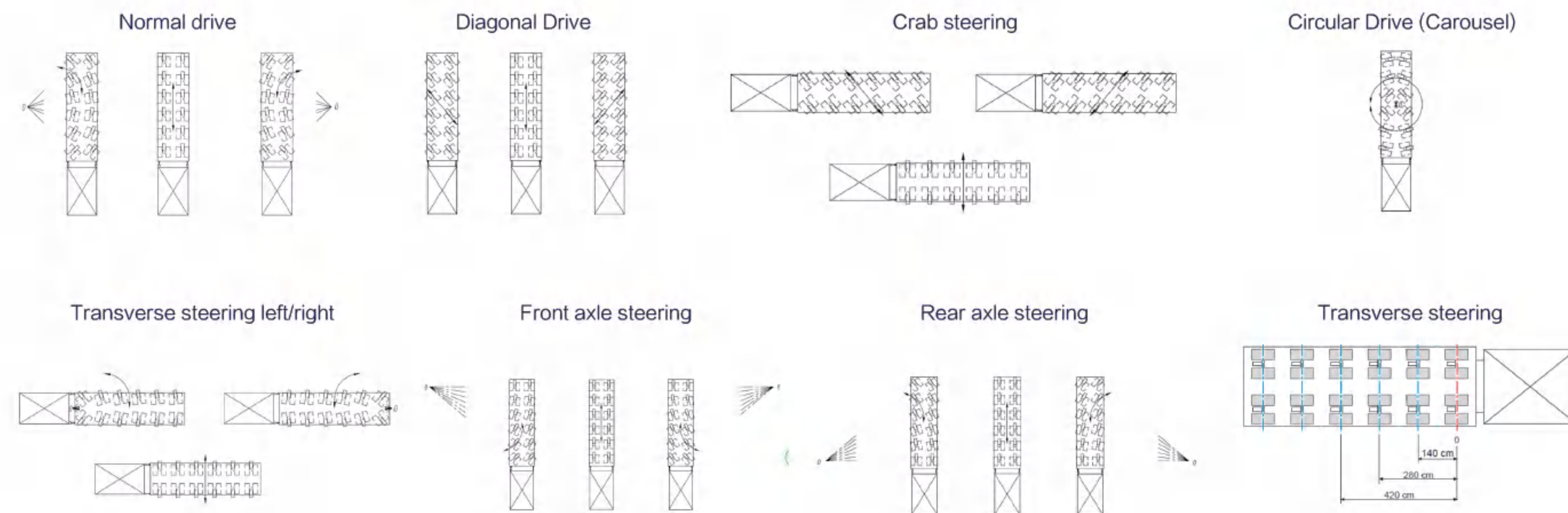




PRECISE STEERING TECHNOLOGY

HYST SPMT has the advanced steering technology and can do Precise positioning for max heaviest loading. Each modular transporter can do different combination with other modular transporter for both mechanical and soft combination. As a result , the electric steering gurantees maximum maneuverability and precioon through a +135/-135 steering angle synchrize. Electric wheel steering technology make the SPMTs can do the high performance steering and a perfect synchronization and suidtable for multi transportation solutions, with $\pm 2\text{mm}$ precise position.

NORM	DIAGN	DIAGT	CIRCL	TRANS	FRONT	REAR	NULL
纵向八字	纵向斜行	横向斜行	中心回转	横向八字	前轮转向	后轮转向	移轴







HYST 华运顺通

SPT, Self Propelled Modular

HYST SPT can do 3 axle, 4 axle, 5 axle, 6 axle, this is consist of Power Pack Unit (PPU) and Modular Trailer then be the self propelled modular trailer. SPT adopt the Hydrostatic drive technology and supply the drive force, steering force via PPU. This SPT is widely used in chemical, Oil&gas projects, Offshore, Construction & Mining, wind farm, Shipyard building.

Item Name	SPT-SYV3-6-4	SPT-SYV8--6-4
Axle load	45 Tons per axle line	32 Tons per axle line
Dead weight	22.8 tons	21.6tons
Max capacity	270 tons	192 tons
Rated capacity	247.2 tons	170.4 tons
Height	1175 ± 300mm	1075 ± 300mm
Axle base	1500mm	1550mm
Tread base	1800mm	1820mm
Width	2990mm	2990mm
Tire size	215/75R17.5	215/75R17.5
Max steering angle	55°	55°
Working temperature	-40 ℃ ~+55℃	-20 ℃ ~+55 ℃

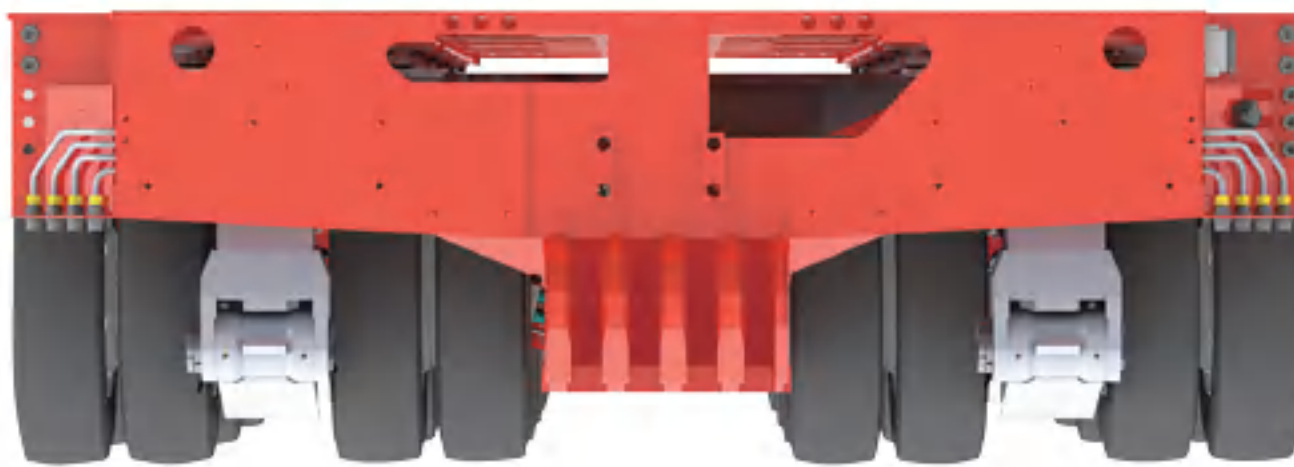


 华运顺通

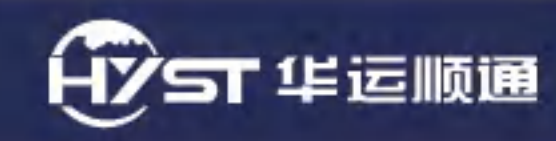
MODEL SYV3 MULTI AXLES HYDRAULIC MODULAR TRAILER

SYV3 is special design for the concentrated heavy loading, with high bending moment, max capacity is 45 tons per axle @1km/h. This SYV3 modules trailer is widely used for road transportation,Road transport, port operation,Construction & Mining.

Axle load	45 Tons per axle line	Steel	Q690E
Tire size	215/75R17.5	Height	1175 ± 300mm
Steering angle	55°	Working Temperature	-40 ℃ ~+55 ℃



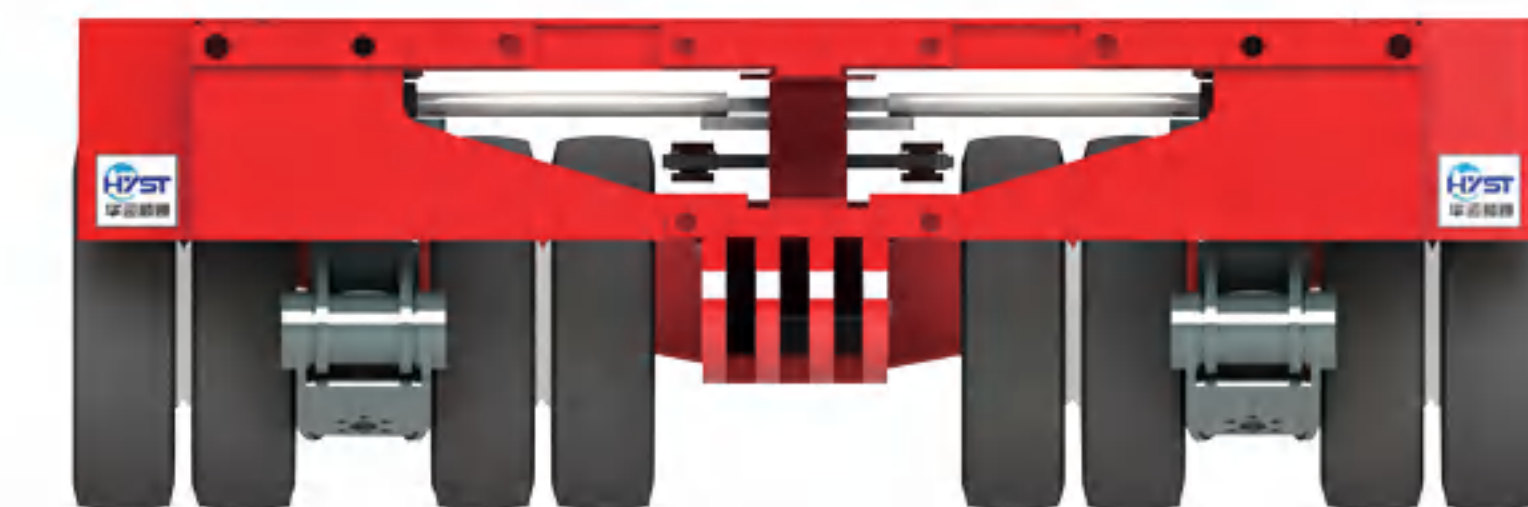




MODEL SYV8 MULTI AXLES HYDRAULIC MODULAR TRAILER

SYV8 model is designed for road transport standardized load, with low vehicle height, walking flexibility, 22.5 tons of axle load at 18km/h, mainly used in highway transport.

Axle load	22.5 Tons per axle line	Steel	Q550D
Tire size	215/75R17.5	Height	1075 ± 300mm
Steering angle	55°	Working Temperature	-20 °C ~+55°C

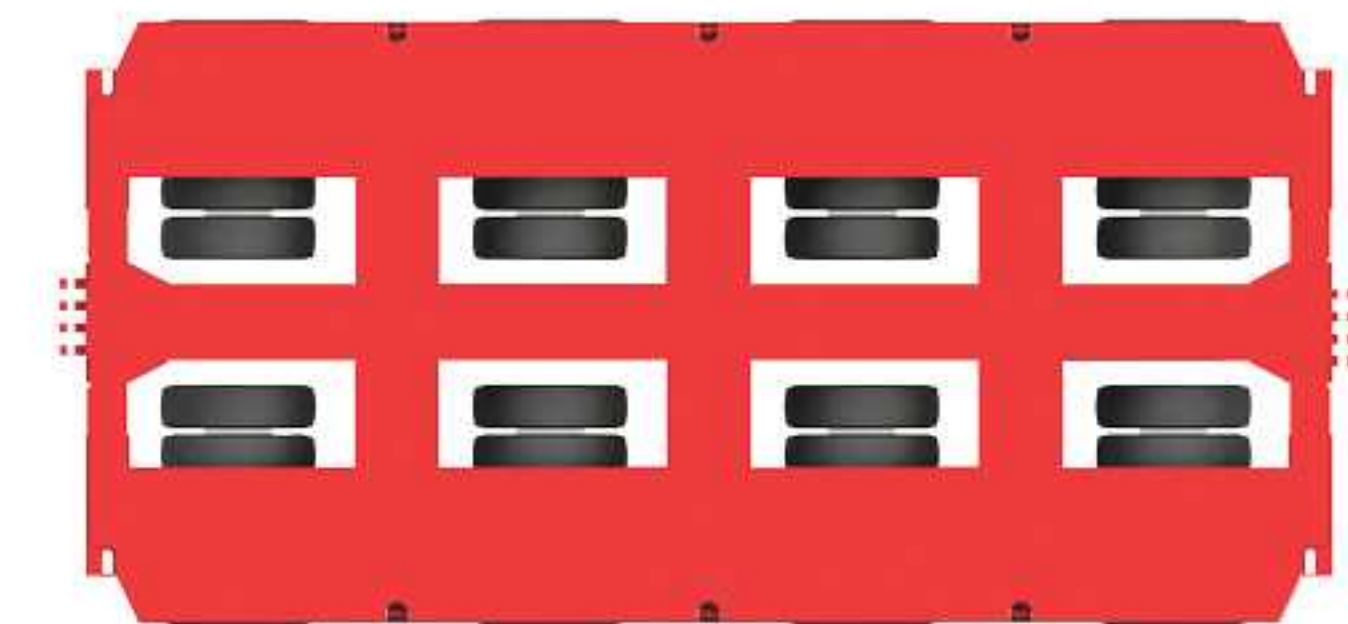






SYV9 model is designed for road transport standardized load, with the lowest vehicle height, walking flexibility, 18 tons of axle load at 18km/h, mainly used in highway transport.

Axle load	18 Tons per axle line	Steel	Q550D
Tire size	205/65R17.5	Height	950 ± 250mm
Steering angle	55°	Working Temperature	-20℃ ~+55℃









According to the weight of the cargo, Huayun Shuntong can provide various types of turntables such as 100 tons/200 tons, 300 tons/400 tons, follow-up/non-follow-up, etc. to achieve flexible transportation of long cargo.





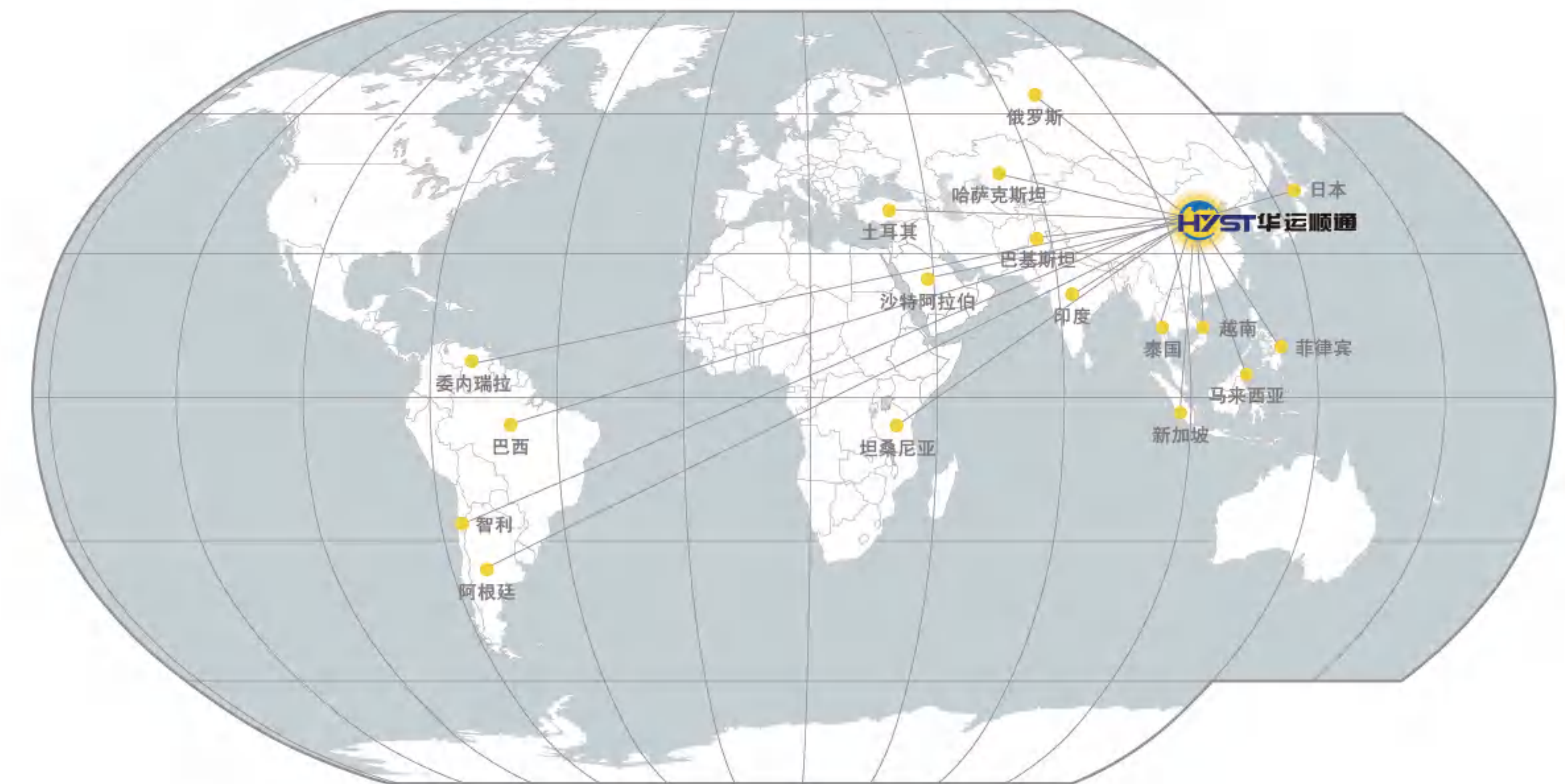
The vehicle-mounted mobile substation is a new type of highly integrated complete set of power emergency equipment in the current power industry. It has the advantages of flexible combination, easy transportation, quick installation, short construction period, high integration, small size, small footprint, flexible site selection, convenient operation and use, etc. It is widely used in various emergency and engineering project construction of power grid production to achieve no or less power outages, and effectively improve the comprehensive guarantee capability and power supply reliability of the power grid. Our company can provide mobile substation vehicle of 110KV, 35kv, 10kv, high-voltage cabinets, switch trucks, etc.





◆ Global Cases/Market Performance

In the global large-scale transportation market under extreme working conditions, Huayun Shuntong has more than 5,000 axle hydraulic modular vehicles that continuously transport large equipment for large projects in severe cold, hot, plateau, mountainous areas, and highly corrosive environments. Since 2010, we have provided multiple types of hydraulic axle vehicles, SPMT/SPT self-propelled hydraulic modular vehicles, hull vehicles and other equipment and services to more than 40 countries around the world, and have won praise and recognition from the global market.





Service

Huayun Shuntong always adheres to the development goal of "Huayun equipment, going global" and the working philosophy of "customer first, attentive service". Our services will be available on time no matter where in the global heavy transport market!

► Service

- 24-hour emergency call
- Carry out strict skills training and be responsible for installation and commissioning of vehicles exported overseas

► Spare parts

- Quick delivery of accessories
- Spare parts available within 3 years

► Technology

- Provide technical guidance
- Provide factory training and on-site training
- Vehicle operation training

► Repairment

- Maintenance and repairment
- Vehicle parts replacement