



ALPINE PIPE MANUFACTURING SDN BHD

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Shaping the change...

ALPINE *tubular products*



PRODUCTS CATALOGUE



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4th Edition : 2015

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ALPINE PIPE MANUFACTURING SDN BHD

○ INTRODUCTION

Hiap Teck Venture Berhad is a dynamic and leading steel company in Malaysia. Incorporated in 1993, it is a public listed company on the Malaysia Stock Exchange and is rank among the top tier Malaysian steel companies with an outstanding track record and revenue exceeding the billion ringgit mark.

Through its successful wholly-owned subsidiaries, HTVB hold nineteen years of extensive steel industry experience, offering steel product solutions for steel application to a diverse customer base both domestic and international in multiple sectors such as building construction, manufacturing, engineering and oil and gas.

○ LOCATION

HTVB's head-offing and its subsidiaries are collectively located on a land area of approximately 65 acres. The entire group complex is strategically located and geographically positioned within close proximity to Malaysia's premier port, Port Klang, essentially permitting significant logistical support coverage and economical advantage on movement of goods and services.

○ PRODUCTION CAPACITY

HTVB's primary manufacturing operations through its wholly-owned subsidiary, Alpine Pipe Manufacturing Sdn Bhd, takes prominence being recognized as the premier and largest Electric Resistance Welded, ERW Steel Pipe and Tubes manufacture in Malaysia and South East Asia, with a plant capacity of 500,000 metric tons per annum. It is the first and only one manufacturer in Malaysia that has the capability to manufacture pipe and circular hollow sections of 18" diameter up to 16mm wall thickness using the latest ERW technology.

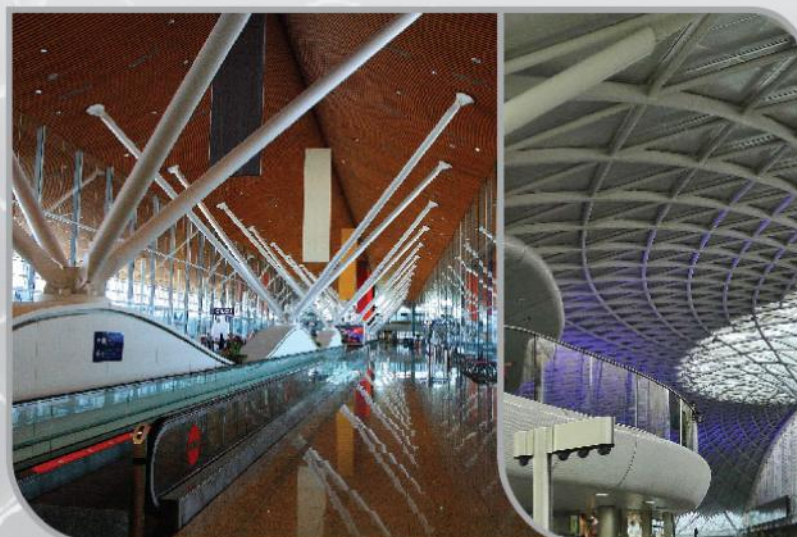
Its comprehensive product line covers many industrial sectors including water and general conveyance, furniture, structural, manufacturing, construction and oil and gas. Leaping forward and constantly moving ahead as compared to other ERW peers, Alpine seize the opportunity to explore new business challenges by venturing into the oil and gas industry.

○ VISION

- To be the Leading Steel Company

○ MISSION

- Build Value for Shareholders
- Participate in the Development of the Country
- Total Customer Satisfaction
- Enhancement of the Existing Core Business to Position for Growth
- One Stop Steel Centre
- Continuously Developing the Human Asset





CORPORATE PROFILE

◉ LEADING THE WAY

Alpine Pipe is the key producer of ERW steel pipes and hollow sections which have a wide range of applications in the building, construction and infra-structural related sectors, water, oil and gas industries, automobile, and the general manufacturing industries.

Alpine Pipe is also the first steel pipes manufacturer in the South East Asia region which has invested in the 18" diameter pipes with the latest state-of-the-art technology.

◉ A STRONG FOUNDATION

- One of the top steel pipes manufacturers in South East Asia.
- Multi-industries based customers.
- A local exporter with connections spanning over Asia,
- Middle East and North America.
- A dedicated and experienced workforce with low turnover rate.

◉ A FUTURE OF PROMISE

- Maximize profits for shareholders through increased corporate values.
- Most preferred manufacturer by customers.
- Friendly corporate environment.





◉ LED BY A HIGHLY EQUIPPED WORKFORCE

Alpine's employees are central to its high value added product strategies and strongly emphasizes on product quality and manufacturing skills. These have been the key factors to our rapid development and success over the years. Our corporate culture values employee development, diversity and leadership excellence.

Alpine Pipe is led by a management team with years of experience in the steel industry and has an in-depth knowledge of its market. Furthermore, a knowledge-based workforce has been built over the period through hands-on training.

◉ KNOWLEDGE AND EXPERTISE

With the vast knowledge and expertise acquired through pipes manufacturing spanning over more than a decade, we are able to produce pipes that meet stringent requirements and specifications. Through a process-oriented improvement approach, and the constant exposure of our team of experienced staff to new technologies, our position has further enhanced us as one of the market leaders and preferred supplier for both standard and customized products.

◉ FOSTERING A CULTURE OF INNOVATION AND TEAMWORK

Our company's focus on creating a culture of innovation and teamwork has brought about continuous improvements at all levels of the organization. Regular reviews of existing operation methods and exploring innovative solutions to achieve better efficiency ensures a progressive and sustainable growth in enhancing our position at the forefront of the pipes manufacturing industry.

Constant interaction among all employees in group discussions, exchange of ideas, information and open communication channels foster a closely knit team that are vital to our success.



◉ LEADING THE MARKETS

With the State-of-The-Art Technology in the 18" pipe mill, Alpine Pipe will become the first producer in this country and eventually in South East Asia which has the capability to produce and offer a full range of steel products with a wide range of applications.

Thereafter, Alpine Pipe will be able to strengthen its foothold in both the local and international markets by becoming a one-stop steel center.

◉ LOCAL AND INTERNATIONAL MARKETS

Alpine Pipe is no doubt a leading steel company in Malaysia with approximately 70% of its enlarged output being sold in the local market.

Alpine Pipe currently has its well-established international marketing network. Nevertheless, the company still intends to widen its existing overseas markets by participating in any form of dialogues and trade exhibition, and even sponsoring symposiums organized by relevant professional bodies in an effort to further promote the company and its products.

◉ OUR TRACK RECORD

Sales turnover and profits have increased steadily over the years since the formation of the company and this is proven by the successful listing of its parent company, Hiap Teck Venture Berhad (HTVB) on the main board of the Bursa Malaysia Securities Berhad. Alpine Pipe is the largest subsidiary of HTVB and the major contributor of profits to the group.





STATE-OF-THE-ART TECHNOLOGY

To keep abreast of modern pipe forming technology in order to supply excellent and consistent quality pipes to our customers, we have invested in equipment with advanced state-of-the-art technology. Our latest installed pipe mill is fully computerized and has advanced pipe forming functions that provide good consistent quality pipes to our customers. The following are some of the technical features of our advanced pipe mill:-

- Computerized reproducible roll settings
- Excellent pipe circularity, especially around the weld seam area
- Very stable pipe weld seam due to proper edge forming and elimination of strip edge buckling especially forming thin gauged pipes.
- Capable of producing pipes with both very high and very low D/t ratio.
(D = Diameter, t = thickness)

MANUFACTURING FACILITIES

We have the facilities to manufacture pipes from 12.7 mm O.D. to 457 mm O.D. covering a thickness range of 0.7 mm to 16 mm.

RESEARCH AND DEVELOPMENT

Driven by the need for continuous improvement in pipe quality, forming process, tooling optimization and product development, our management has placed great emphasis and investment in research and development activities.

The use of computer software programmers coupled with the experience and skills of our research engineers has brought about an excellent quality product that meets the requirements of our customers.



COMPETITIVE ADVANTAGES

Our improved capability to produce pipes up to 18" diameter and 16 mm thickness had provided our customers with a competitive advantage in terms of pipe supply. The consistent excellent quality produced by our advanced state of the art computerized pipe mill complete with modern testing facilities in accordance to MS ISO/IEC 17025 standard had further strengthened our competitive edge as the leading pipe manufacturer in Malaysia.

Domestically, we are equipped with the most advanced mill to pioneer localization of API pipe production using the ERW process.



Our extended range of structural hollow sections had further catalyzed the local growing preference to use hollow sections as a substitute for conventional open structural sections due to the following advantages:-

- Hollow sections are more aesthetic and form part of the architectural expressions. (e.g. UTP roofs)
- Hollow sections are not susceptible to lateral-torsional buckling and this makes them ideal for long span structures. (e.g. roof structures)
- Hollow sections are preferred in applications where concrete form work pose a difficulty. (e.g. High Bays)
- Ease and speed of construction especially in space lattice structure.
- Advantageous strength to weight ratio resulting in overall weight and cost savings.
- Efficient structural members for resistance to compressive and bending forces when used as columns in buildings and members in planes trusses and space frames.
- Easy stock availability and special size can be made on request.
- A range of high strength steel hollow sections can be produced to meet customers' need.
- Concrete encasement as a form of fire protection is not necessary for hollow sections when used as building columns, leading to cost saving.
- Generally hollow sections have a lower ratio of exposed surface area to volume. This reduced painting time and cost, fireproofing and maintenance expenses.
- Utility pipings and rainwater downpipe can be concealed inside larger hollow sections sizes.
- Low resistance to external fluid flow provides distinct advantage for frameworks that are exposed to wind or water currents.

PRODUCT APPLICATION

O STRUCTURAL



O WATER & GENERAL



O OIL & GAS



O FURNITURE



QUALITY POLICY

Alpine Pipe Manufacturing Sdn.Bhd. is committed to comply with the requirement of the established Quality Management System (QMS) in accordance with the requirement of **API Specification Q1** and **ISO 9001:2008** Standard and strive for **Continually Improve QMS effectiveness and Customer Satisfaction** through **COMPETITIVENESS AND EFFICIENCY** in manufacturing of steel pipe and steel related services.

The above policy shall be achieved by total participation of our well `coordinated work force. Quality shall be the responsibility of everyone at Alpine Pipe Manufacturing Sdn.Bhd.

HEALTH, SAFETY AND ENVIRONMENT POLICY

The company shall constantly strive to:

- Cultivate good corporate governance and corporate social responsibility.
- Comply with relevant regulatory requirements and industrial practices.
- Employ and encourage safe working environment to reduce work accidents.
- Actively upgrade human resources through continuous training and development programs.
- Promote environment by preservation by minimizing hazardous industrial waste and effective energy conservation.

