



Committed for Excellence

Hambro Tech India Pvt. Ltd.

(An ISO 9001 : 2008 Certified Company)

Aryan Biotech is one of the most reliable and genuine Manufacturers, Exporters and Suppliers of the wide assortment of Pharmaceutical Medicines. We cater to the diverse requirements of the customers by offering premium-grade and exceptional Pharmaceutical Medicines inclusive of Pharmaceutical Tablets, Pharmaceutical Syrup, Pharmaceutical Dry Syrup, Yanof-OZ Suspension, Canovit Drops, Canciclo-GM Cream and Mekocan Plus Injection. We have high-tech manufacturing unit that is well equipped with the most recent machines and cutting-edge technology. Our pool of experts makes sure that the Pharmaceutical Medicines are as per the International Quality Standards and manufactured using high quality raw materials. We deliver the Pharmaceutical Medicines in premium-grade packaging material to circumvent loss.

www.hambrotechindia.in



- Our Products
- Sheet Piles (Z & U Sections)
 - W-Beam
 - Metal Crash Barriers

ABOUT OUR COMPANY

Established in the year 2015 at Faridabad (Haryana, India), Hambro Tech India Pvt Ltd. excelling to become one of the market leaders. Our mentor, Mr. Karamweer (Director) always motivates us with his competent capabilities.

Infrastructure:

Our hi-tech and the latest infrastructural facility enable us to deliver the best quality products to the clients in a systematic manner. This facility comprises enormous sub-functional departments to attain systematic production processes. It makes sure smooth flow of business process.

Our Team

Our highly advanced manufacturing department is operated by our dedicated team of professionals. It is a team of about 50 dexterous professionals who are handpicked depending upon their skills and experience. The team comprises fabricators, sales & marketing experts, quality controllers, etc.

Why Us?

We are engaged in offering a broad range of superior quality products to the patrons. We have become prominent in the industry because of features such as state-of-the-art infrastructure facility, experienced professionals, strict quality standards, ethical business policies, and transparent trade dealings.



Z Steel Sheet Piles

We are among the major players in the market offering top-notch Z Steel Sheet Pile and that too at marginal prices. Rely on us for premium quality of the products as we make use of the finest grade raw material for preparing them. Also, we procure it from the reliable places after complete quality satisfaction.



U Steel Sheet Piles

In order to make available high quality product range, we make use of the finest grade raw material that is sourced from the trusted places after complete assurance of the quality. We give our patrons the choice to make payments online or offline. Our company understands the concerns of its customers. Therefore, we make sure our payment options are safe.



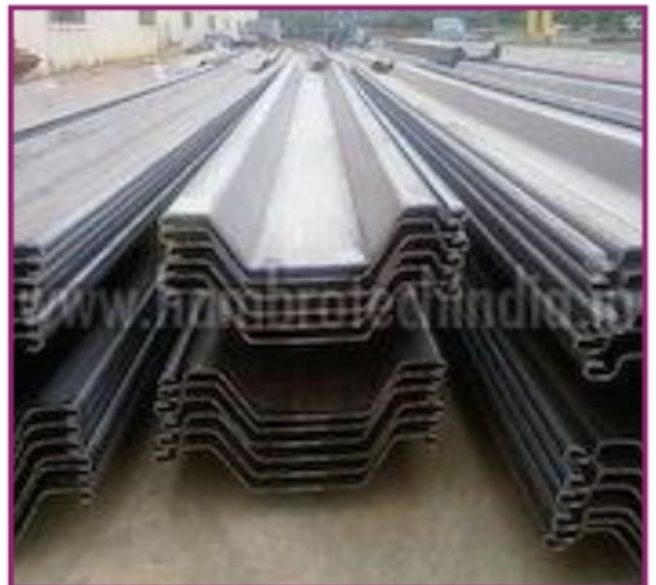
Cold Formed U Type Sheet Piles

We follow pre-defined quality rules to make sure that the offered array of products is as per the exact customers' demand and need. Each consignment of ours is packaged carefully utilizing premium packaging supplies and technologies in order to maintain the products' environment and quality during shipping and handling.



Cold Formed Steel Sheet Piles

We are committed towards providing quality-assured products and thus we keep a strict check on the production procedure. We have a dedicated staff that ensures the quality of material used for designing and production. The inspection is done on the initial stages to make the final product free from defect.



Cold Formed Z Type Sheet Piles

Motivated by the aim to deliver nothing short of the best, we have grown as a reliable supplier of Cold Formed Z Type Sheet Pile in the market. Keeping the quality standards high, we make certain that prior to production, the inputs (raw material) are examined by the professionals to make the final product free from defects.



Highway Crash Barriers

We make sure that there will be no damage to the products that we deliver to the customers. For this, we use high quality packaging material and hi-tech machines ensuring the same. With the aid of our smart logistics network, we can easily furnish quick and massive requirements of the buyers



Aluminium Beam Crash Barriers

We have installed all the requisite amenities, necessary for making safe side deliveries. We make sure that there will be no damage to the products that we deliver to the customers. For this, we use high quality packaging material and hi-tech machines ensuring the same.



Steel Beam Crash Barriers

With the assistance of our excellent logistics facility, we are able to deliver the orders within the postulated time frame. We procure the inputs only from the trustworthy vendors present in the market. We know the importance of the raw materials and thus make sure that their quality will never be compromised.



Double Beam Crash Barriers

We are supported by a team of professionals who ensure that the offered lot is prepared using the best quality raw material. Also, they confirm that the material is sourced from the certified places. Maintaining the set industrial standards, we make sure that the range is as per the requirements.



Galvanized Crash Barriers

We have voluminous warehouse that has loading docks to load and unload goods, well-maintained by the professionals. Our completely automated warehouse is sternly supervised to check that products are kept carefully. Our organization has all the essential logistic resources and links to ensure on schedule delivery of order(s).



Single Thrie Beam Crash Barriers

By following the international quality standards, we procure raw materials only from the trusted vendors. Thus, we make sure that our finished products are superior and flawless. We make it much easier for you and thus, we have electronic payment system that will make transactions with complete security. Rest assured us for all the payment issues.



Stainless Steel Crash Barriers

In order to keep up the high-standards, we ensure from the very beginning that the raw materials used are as per the international standards. By this, we are capable of delivering the finest array of products. We have superior storage facility to keep large product range that we make available. In order to meet elevated quality norms, we keep it updated with modern work methods.



MS Lip Section

Our storage facility is laced with all the modern amenities, required for maintaining high quality of the products. Also, we upgrade it on regular intervals to meet defined industry standards. Obtain quality-grade Lip Section MS Channels from us at reasonable prices, as we are reckoned among renowned suppliers of the product.



Cold Formed Steel Angle Section

We are equipped with the upgraded machines and technology, thus, we are capable of making stern packaging of products. To keep the product safe from external factors, we make use of finest packaging material. We are known for providing a qualitative array of products and thus our entire range is strictly checked against varied quality parameters.



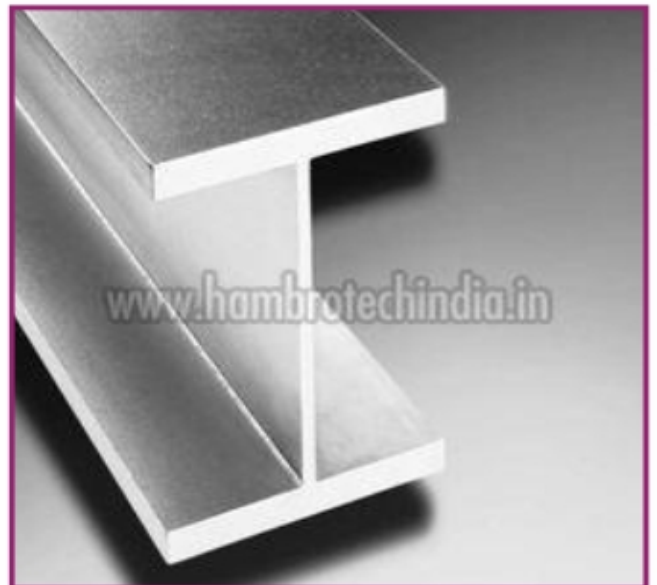
Fabricated I- Steel Beam Section

Obtain quality-grade Fabricated I- Steel Beam Section from us at reasonable prices, as we are reckoned among renowned suppliers of the product. We have developed a separate unit, necessary for making stock of the offerings. In addition to this, we maintain complete hygiene inside the unit.



Fabricated H- Steel Beam Section

As soon as the product is packed, we ensure that it reaches the customer in the dedicated time slot and for that we have well maintained shipping facilities available. Designed and developed using the premium raw material and modern work methods; we guarantee high quality standards and longevity of our products. Also, we make sure that the raw material is sourced from the trusted places.



Highway Guardrails

Ranked amidst the celebrated Suppliers of Highway Guardrail, we are customers' reliable choice in the industry. We procure the basic material, required for manufacturing flawless lot of products, from the genuine and authorized vendors only. As a result of which, our offerings have no match in the market.



Fabricated I Steel Girder

We make sure that there will be no damage to the products that we deliver to the customers. For this, we use high quality packaging material and hi-tech machines ensuring the same. Backed by a team of deft professionals, it has become easy for us to furnish divisive demands of the buyers and that too within shortest time possible.



Fabricated Composite Steel Plate Girder

Obtain quality-grade Fabricated Composite Steel Plate Girder from us at reasonable prices, as we are reckoned among renowned suppliers of the product. We own a well-maintained storage facility that helps us in meeting bulk and urgent requirements of the clients at a time. It is managed and maintained by the storekeepers.



Fabricated Box Steel Beam

From the point of view of marketing, shipping, and handling, our products are securely packed in top-grade supplies using ultramodern packaging machines. The packaging is extremely reliable. We are a leading name reckoned for the wide product range that is manufactured using only certified raw material. This helps us in keeping the quality standards of our products high.



Key Management Team

Mr. Karamvir Singh: Managing Director

Mr. S.M.Saxena: Vice President-Operations

Mr. Amit Johri: General Manager-IMS

Mr. Santanu Pal: General Manager-Business Development

Mr. Sushil Kumar: General Manager-Marketing and External Affairs

Mr. Amit Kumar: General Manager-Operations

Mr. Satish Kumar: General Manager-Procurement

PRODUCTS

WE DEALS IN

Infrastructure



QUALITY

Accredited with the ISO 9001 - 2000 procedures, the quality of the products supplied are governed by the self-imposed discipline code of the company which ensures:

- Respect for the contract obligations.
- Quality of design
- Guaranteed characteristics of the product and its performance
- Traceability of the input materials
- Transparency of product inspections



COMPONeNts OF Metal Crash Barriers

W Beams

- Cold roll formed in thickness of 3.00 mm/2.67 mm
- Raw material conforming to IS 5986 Grade:
Fe 360/Fe 410/ Fe 510, IS 10748 Grade II or eqvt.
- Hot dip galvanized to 550 gms/sq.m

End specials

- 3 mm/2.67 mm thick turned down end terminals.
- 3/2.67 mm thick press formed end terminals (Fish tail)
- 3/2.67 mm U shaped terminals as median end terminals

Fasteners

- M20 and M16 fasteners as per IS 1367 Grade 4.6/8.8
- hot dip galvanized

Posts & Spacer

- Cold roll formed in thickness of 5.00 mm/4.2 mm
- Raw material conforming to IS 5986 Grade:
Fe 360/Fe 410, IS 10748 Grade II or eqvt.
- Hot dip galvanized to 550 gms/sq.m.

Anchorage

- Anchored in ground as per Clause 810
- Anchored in concrete on shoulders (If specified)
- Anchored in concrete with base frame on bridges



Hambro tech India Pvt. Ltd. is one of the leading engineering organizations in India renowned for providing global innovative engineering solutions. An epitome of quality, precision and perfection, Hambro is a professionally managed company of more than 120 strong team members, driven by an unrelenting desire to excel with experience and expertise spanning over three decades. Hambro is now a multi-location, multi-product company manufacturing cold rolled steel strips, cold rolled formed sections, profiles, railway wagon and coach components, press steel components and road safety systems.

METAL CRASH BARRIERS

Metal Crash barriers are basically Road safety system which prevents vehicles from colliding with obstacles such as boulders, walls, buildings and also prevents vehicles entering into large storm drains, steep slopes or deep water. Pennar Industries is the first company to introduce the Metal Crash barriers concept in India and we have been supplying from past 20 years to all leading infrastructure companies more than 1000 kms.

Features

- Our tested and proven barriers ensure minimum damage to the vehicle and its occupants.
- During collision the W beam absorbs maximum energy by flattening out and laterally restrains the vehicle from veering over.
- Prevents the vehicle from skidding back onto the carriageway by controlled exit angles by gradual deceleration and effective redirection of the vehicle back onto the road.
- Provides a good visual guide to the drivers especially in the night.
- Enables quick repairs in case of accidents.
- All components are hot dip galvanized for longer life.

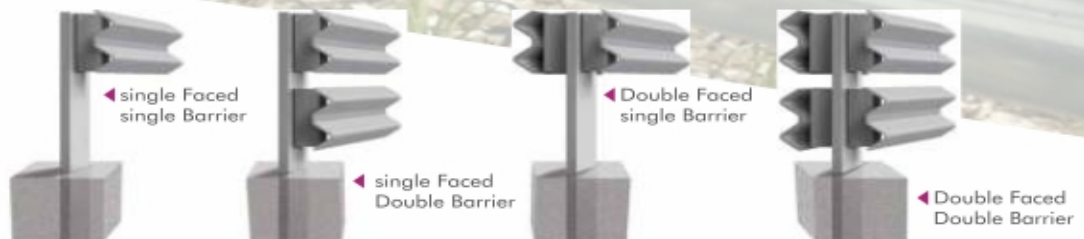
Application

- As restraining barriers on embankments of Expressways & Highways.
- As containment barriers on medians and grade separators of four/six lane roads.
- As protection barriers/containment barriers for hilly terrains and ghat roads.
- As racecar crash guards on car racing tracks.
- For interior traffic safety at Airports, Plants handling hazardous chemicals, mines, collieries, etc.,
- As fencing barriers for country border lines, expanse lands, water bodies, bridge piers, signposts, rocky areas etc.,

TYPES OF BARRIERS

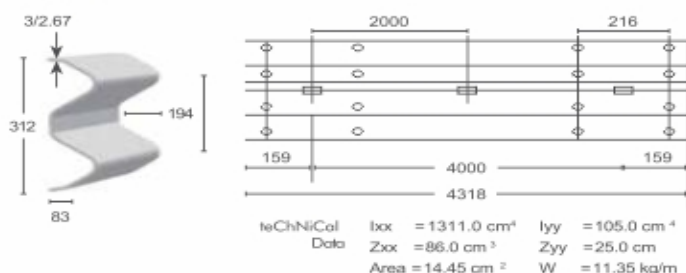
Metal crash barriers conforming to all major specifications like:

- Ministry of Road Transport & Highways, India (MORTH)
- American (AASHTO M 180)
- Euronorm (EN 1317 — 1&2)

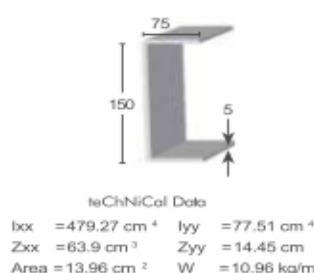


staNDarD sPeCiFiCaTiONs

W Beam



Post & Spacer



Metal Crash Barrier as per "The Ministry of Road Transport & Highways, India" (MORTH), Clause 810 and:

- Circular No. RW/NH/33022/1/94 DO: III dated 24th June 1994
- Circular No. RW/NH/33044/2/88/S & R: dated 9th May 2000

Z Section Sheet Pile

Type	Width (mm)	Height (mm)	Thickness (mm)	Sectional Area (cm ² /m)	Weight (kg/m)	Weight (kg/m ²)	Moment of inertia (cm ⁴ /m)	Modulus of section (cm ³ /m)
OSZ	400	185	8	175	40.20	100.50	12117	1310
OSZ	400	185	9	185	45.21	113.02	13364	1474
OSZ	400	185	10	205	50.55	126.37	15150	1637.77
OSZ	650	429	8	90.2	63.80	159.5	43293	1980
OSZ	650	429	9	101.1	71.60	179	48521	2220
OSZ	650	429	10	112.0	79.20	198	53709	2450
OSZ	675	392	6.5	70.5	51.30	128.25	27251	1370
OSZ	675	392	7	76.1	55.16	137.9	29281	1470
OSZ	675	392	8	86.9	62.80	157	33350	1670
OSZ	685	392	8.5	92.1	67.70	169.25	35558	1780
OSZ	685	392	9	97.6	71.50	178.75	37580	1880
OSZ	685	392	10	108.4	79.20	198	41601	2070

Section	Dimensions				A	Gsp	Gw	Iy	Wel,y	Sy	Wpl,y
	b	h	t	s							
	mm	mm	mm	mm	cm ² /m	kg/m	kg/m ²	cm ⁴ /m	cm ³ /m	cm ³ /m	cm ³ /m
HAU14	750	408	8,3	8,3	132,3	77,9	103,8	28680	1405	820	1663
HAU16	750	411	9,3	9,3	146,5	86,3	115,0	32850	1600	935	1891
HAU18	750	441	9,1	9,1	150,3	88,5	118,0	39300	1780	1030	2082
HAU20	750	444	10,0	10,0	164,6	96,9	129,2	44440	2000	1155	2339
HAU23	750	447	9,5	9,5	173,4	102,1	136,1	50700	2270	1285	2600
HAU25	750	450	10,2	10,2	187,5	110,4	147,2	56240	2500	1420	2866
HPU 12	600	360	9,8	9,8	140,0	66,1	110,1	21600	1200	715	1457
HPU 12 10/10	600	360	10,0	10,0	147,8	69,6	116,0	22580	1255	755	1535

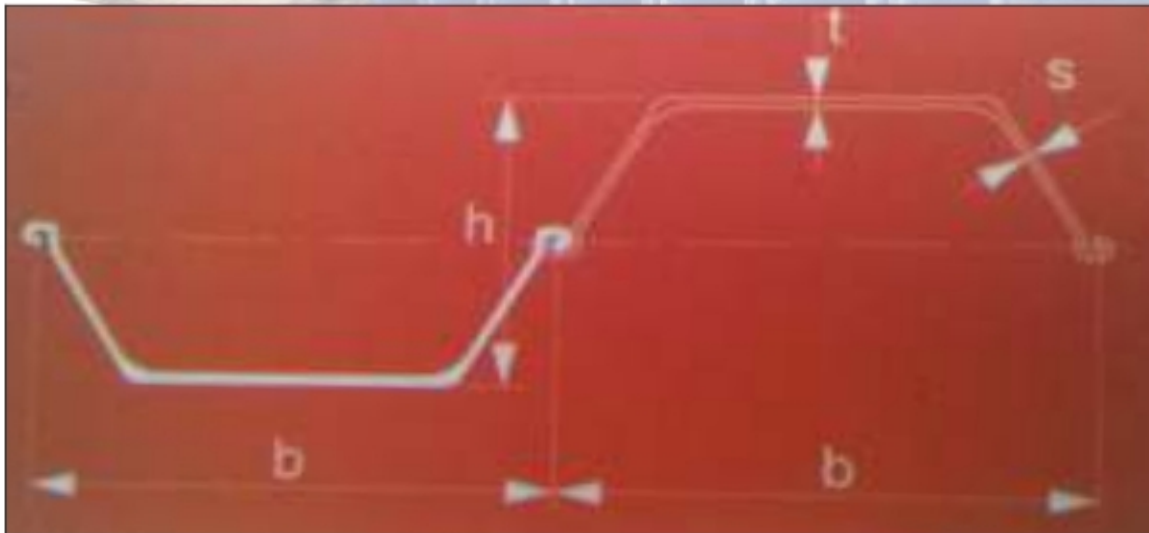
Steel Sheet Piles

Sheet Piles manufactured through cold forming process attain better physical properties and dimensional tolerances than compared to that manufactured by hot process.

Application of Cold Formed

- Civil and industrial sites
- Underpasses, ramps and tunnels
- Slope protection
- Construction of docks and ports
- Waterways
- Breakwater
- Protection of river banks and channels
- Protection of construction pits in soil and water
- Bridge embankments
- Retaining walls
- Foundations
- Underground parking
- Underpasses, ramps and tunnels
- Slope protection

Characteristics of piles:



**CONTACT
US**



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(An ISO 9001 : 2008 Certified Company)

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