

HARCO

MANUFACTURING CO.



ENGINE AND
ENVIRONMENTAL
PRODUCTS

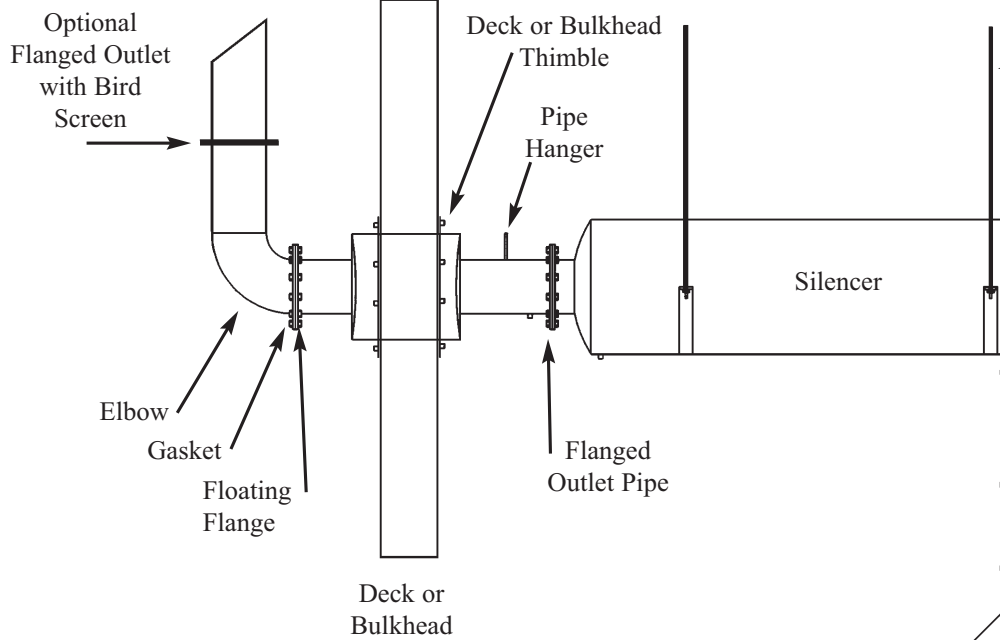
*Environmental Products
for Air and Noise Pollution*

Diversified Engine Exhaust Systems and Supporting Products

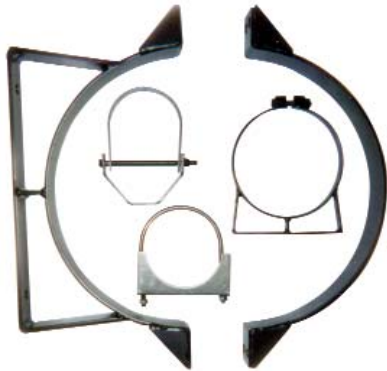
Vertical & Horizontal Mounting Options for Deck, Fiddley & Engine Rooms



SILENCERS



- ABS Certified
- Custom external insulation blankets available
- Carbon steel, 304, 316 & 321 stainless available for all products



MOUNTING AND SUPPORT ACCESSORIES



FLEX, FLANGE & GASKET KITS

Single ply T321 Stainless Steel Flex Connectors Available with Floating Flanges & Liners

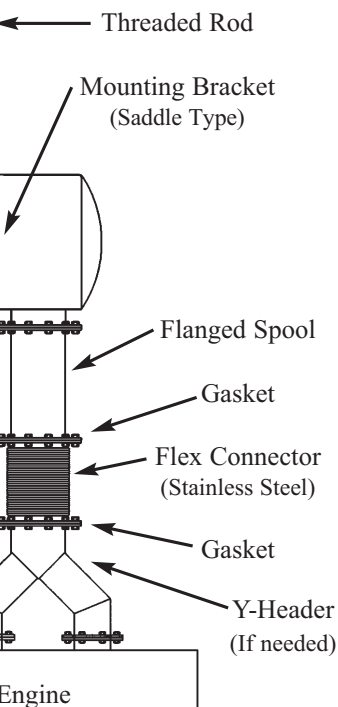


ROUTING & FLEXIBLE CONNECTION ACCESSORIES

Systems

Serving the Marine, Defense, Oil Exploration, Oil Field, New Construction & Equipment, Mining Equipment, Prime & Back-up Power Generation, Forestry, Agricultural and Railroad industries since 1948, Harco Manufacturing has grown to become a leading fabricator of premium engine exhaust silencers as well as a complete line of supporting products. Combining over 54 years of experience with innovative design solutions our focus is on complete customer satisfaction.

Harco was the originator of the first low profile series exhaust silencers (round, square and rectangular) for Residential through Super Critical Grade applications that are often imitated but never duplicated today. All of our cylindrical, low profile and spark arresting series silencers are available in limitless configurations and designed with the highest quality craftsmanship, performance, longevity and customer space constraints in mind.



Y-HEADERS



The HARCO Advantage

Custom Engineering

While Harco offers a full line of standard products we consider custom applications to be our specialty. With a long history of successfully solving the most demanding of specifications we relish new challenges with a can do attitude that produces results.

Advanced Sizing Technology & Sound Attenuation Performance

Space constraints are of the utmost importance to our customers regardless of the type of industry or particular application. Harco Critical and Super Critical Grade engine exhaust silencers are designed in such a manner as to meet customer specifications with a smaller overall package size than what our competitors can offer. Taking advantage of our unique and proprietary internal designs, all Harco silencers are guaranteed to meet or exceed customer expectations for quality craftsmanship, longevity and performance. We back up our commitment to performance with hard data in the form of a sound data sheet submitted with each engine exhaust silencer quotation.

Personalized Customer Support: Customer Satisfaction is “The” priority!

- Sales and Engineering are one department creating what we believe is the best combination for technical expertise and excellent customer service
- **24/7 service and support**
(after hours ph: 503-730-1026)
- Quotes can be e-mailed or faxed in 24-hrs or less, complete with pricing, drawings and sound data sheets
- Application or enclosure drawings can be e-mailed to Harco and we can import our products into the layout and return for complete fit up review by the customer
- Factory direct access
- Complete one stop source for all silencer, routing and accessory needs
- Very competitive shipping rates while maintaining maximum flexibility and options

Excellent Lead Times

Harco’s flexible production process allows us to provide excellent lead times because we can work on multiple and vastly different products simultaneously. Additionally, we maintain many standard items in stock for same day shipment.

Quality Equals Value

- ABS Certified
- All materials and finished products are inspected at each stage of production to ensure quality of workmanship, that materials are free of defects and that the end products conform to the specifications and drawings (we meet all State and Federal requirements)
- All Harco products are 100% guaranteed for 1-year to conform to the description and specifications and to be free from defects in both materials and workmanship
- Critical and Super Critical silencers are internally lined with a minimum of 1” of fiberglass insulation
- High Heat Black paint and primer as standard finish or Zinc based High Heat and High Corrosion resistant paint optional (factory standard in certain extreme applications)
- Harco uses only premium materials and construction methods for superior strength and longevity

Design Diversity

Harco exhaust silencers are designed to make any dual inlet or outlet configurations possible. Odd angles, staggered offsets or widespread offsets are not an obstacle. This unique ability can equal significant cost savings by making Y-headers unnecessary in most cases.

Low Pressure Drop

Very low back pressure is maintained without sacrificing performance. All applications are guaranteed to have pressure drops well within the engines allowable limits. A low pressure drop reduces engine strain and restriction resulting in a long lasting and top performing engine and exhaust silencer package.

Serving Industry With Quality Products Since 1948

HARCO MANUFACTURING COMPANY

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