

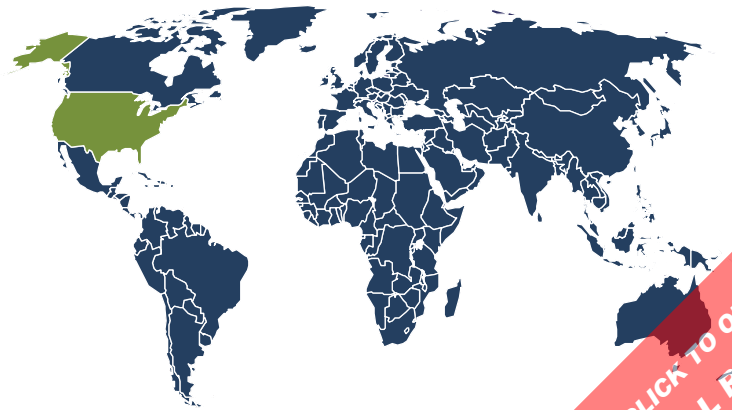
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Photo: Pump Express Worldwide

Integral Horsepower Motors: United States

December 2014



Highlights

Market Environment

Historical Market Size and Trends | Key Economic Indicators
Regulatory and Legal Environment | Technology and Material Trends

Segmentation and Forecasts

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ABOUT THIS REPORT

Scope & Method

This report forecasts US integral horsepower (IHP) motor demand in US dollars at the manufacturers' level to 2018. Total demand is segmented by product in terms of:

- induction alternating current (AC)
- synchronous AC
- brushed direct current (DC)
- brushless DC.

Universal motors, which can run on AC or DC power, are grouped with DC motors for the purpose of this report.

Total demand is also segmented by market as follows:

- heating and cooling
- machinery
- aerospace and other transport equipment
- household appliances
- motor vehicles
- other markets such as commercial equipment, exercise equipment, and scientific instruments.

To illustrate historical trends, total demand is provided at five-year intervals for 2003, 2008, and 2013; the various segments are reported for 2008 and 2013.

Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends/events as well as their expected progression/impact over the forecast period. Changes in quantities between reported years of a given total or segment are typically provided in terms of five-year compound annual growth rates (CAGRs). For the sake of brevity, forecasts are generally stated in smoothed CAGR-based descriptions to the forecast year, such as "demand is projected to rise 3.2% annually through 2018." The result of any particular year over that period, however, may exhibit volatility and depart from a smoothed, long-term trend, as historical data typically illustrate.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

Integral Horsepower Motors: United States (FF45045) is based on [Electric Motors](#), a comprehensive industry study published by The Freedonia Group in December 2014. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- The Freedonia Group Consensus Forecasts dated August 2014
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
335312	Motor and Generator Manufacturing	3621	Motors and Generators

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