

Welcome to Hine Automation's Inaugural Newsletter!

February 2021

You can expect monthly updates related to semiconductor and robotic industry news, recent HA product launches, as well as other helpful resources.

Thank you for following along. We hope you find the newsletter to be useful and informative.

We are always open to your suggestions! If there is something you'd like to see featured in an upcoming issue, please drop us a note at news@hineautomation.com.



2020 In Review with Scott Craver

As we begin a new year and decade, it is a nice time to reflect on the year we leave behind. 2020 certainly presented its challenges on many levels. Our hearts go out to those who were personally affected, or who know of someone affected, by COVID-19.

At Hine Automation, 2020 proved to be a positive year from a business perspective, thanks to our incredible clients and hardworking team. Below is a quick recap of how Hine ended the year, and where we are headed in 2021:

2020

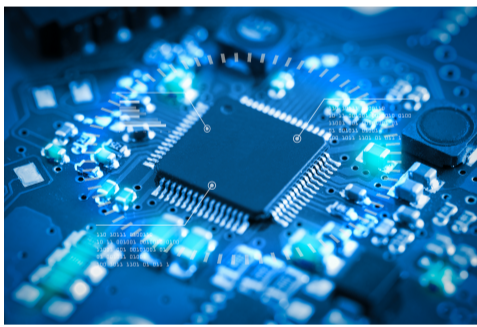
- 2nd highest revenue year in history
- Record bookings for a single year
- Strong 2nd half bookings (Q3 was 2nd highest booking quarter on record and Q4 was 4th highest booking quarter on record)

2021

- Record backlog going into 2021
- Forecasted record revenue for 2021
- Comprehensive schedule of Q1 Shipments

Our success and growth during such a tumultuous year would not be possible without the support of our customers. We thank each and every one of you for your loyalty and commitment to Hine Automation. We look forward to continuing to provide great service to you in 2021! -Scott

Manufacturing and Production Sectors Remain a Significant Force in the Global Economy



COVID-19 and the year 2020 have altered customer behaviors, business revenue, and, more significantly, how corporations will need to operate moving forward. The good news is the global semiconductor manufacturing industry is positioned for growth.

According to ISI analyst C.J. Muse, the uptrend in the semiconductor cycle is just getting started. He goes on to forecast a 14 percent increase in industry sales to \$500 billion in 2021.

Future Horizons Founder and Chief Executive Officer Malcolm Penn stated in a recent [Electronic Specifier](#), "Usually economic downturns take the semiconductor market with it. This time, the semiconductor industry didn't blink. Momentum slowed, but it resembles a traffic accident where everything stops and then recovers when the wreckage has been cleared."

Analysts say the market is hot. Growth is expected in the U.S. and globally as semiconductors are used in everything from cars and handheld devices to medical equipment and environmental sensors. The political climate in Europe is poised for growth due to the growing industrialization in the provinces. The European Union is pushing for greater independence and is joining forces to strengthen its efforts in the industry.

The positive outlook is largely due to how things have changed as a result of the pandemic. The work from home shift and moving more to a cloud environment are significant trends right now. Robotics and artificial intelligence have enabled machines to match or even outpace humans in a range of activities that all require various levels of manufacturing. For Europe, the pandemic lockdown restrictions have also highlighted issues with importing critical need items like data processing and electronic communications chips.

Initial fears by semiconductor leaders were short-lived. The industry has proven its ability to pivot and quickly adapt. The pandemic has become more of an overall boost rather than a hindrance. Great news!



New Product Launch: Cassette Load Port (CLP) Autodoor



Hine Automation announces the launch of our latest product, the **Cassette Load Port (CLP) Autodoor**. Not only does the CLP Autodoor improve automation with its ability to connect to an atmospheric load port; it also provides added functionality with a new wafer mapping solution that eliminates previous technological barriers with respect to differentiating between a single and double-stacked wafer.

CLP Autodoors are currently available for purchase. The new technology being developed by Hine Automation is patent-pending.

In the News: Hine Automation Featured in Design World Magazine

We were honored to have our precision engineered pulley-bushing assemblies featured in **Design World Magazine**. [Read the article here.](#)



Hine Automation Launches New Website in 2021

New year, new website!

Hine Automation is pleased to announce the launch of our new and improved website. We welcome feedback from our trusted customers and friends! Please visit www.hineautomation.com and let us know what you think.

Check out our New & Improved Website!

We would love to hear your thoughts for our upcoming newsletters!



Are there certain topics you would like to see covered in a future Hine Automation newsletter? If so, please email us at: news@hineautomation.com with your ideas.

www.hineautomation.com

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