

Introduction to PBA Systems



Headquartered in Singapore, PBA is a leading player in Industry 4.0 (I4.0), specialising in Precision Motion Control Total Solutions, with market strongholds in core industries of semiconductor, Photonics & Optics, and MedTech - providing high-tech motion solutions to Original Equipment Manufacturers (OEMs) and systems builders.

Specialising in proprietary robotics and automation technologies, PBA Group has more than 15 facilities worldwide, including advanced manufacturing and technology centres in Asia and harbours strategic global ambitions. With our agile R&D teams, our capabilities include the development of a Direct Drive Technology and high and ultra-precision stage solutions.

A Sneak Peek into Innovation: Human hair is 100,000 nanometres thick. In an age where precision technologies in automation for building advanced chips for AI, next-gen computing and laser-based manufacturing has never been more crucial, PBA's Ultra-Precision robotics and motion solutions move to the accuracy of just 10 nanometres!

- Experience a behind-the-scenes look at PBA's design, build and manufacture of precision motion products and customised stages with a tour of our new, expanded cleanroom facility.
- Discover the world of ultra-precision motion automation which makes industries such as photonics and chip-makers tick with a showcase of live demos at PBA's showroom.