

3D Laser Scanning

3D laser scanning is a powerful surveying technique that we at Ryobi-G use to help professionals like Engineers, Designers, Architects, Asset Managers etc. develop digital 3D models specific to their needs.

It is our goal to serve our customers in Singapore and beyond, helping to improve the quality of their work through the use of 3D models.

No matter the complexity, or accuracy required, our team of experts armed with the latest 3D laser scanners are capable of handling any type of environment / structure, providing the best solution that meets the needs of our clients.

So, whatever the application, our team of experts at Ryobi-G are ready and committed to providing the right 3D solutions for you.



Why Us?



ACCURATE

Precise measurements with an accuracy of up to $\pm 2 \text{ mm}^*$.



DETAILED

Our attention to detail and precise 3D laser scanners assures that our scans are not only accurate, but rich in detail.

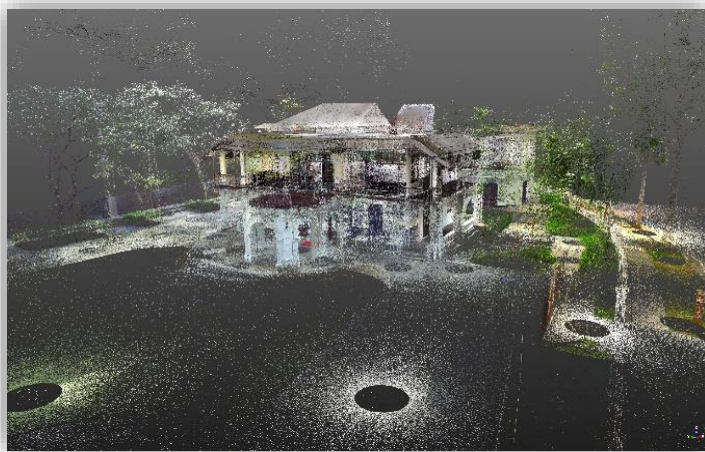
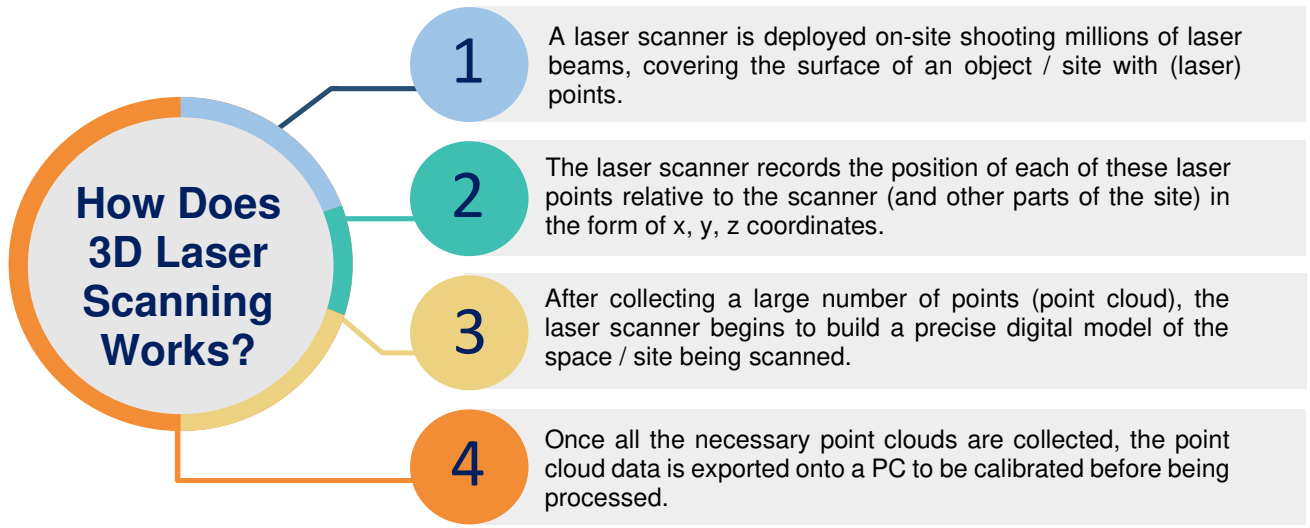


FAST

Being able to capture thousands of points in seconds, we are able to cover a large amount of surface area in a relatively short amount of time.







**results may vary*





Point cloud view of a heritage building captured using our static laser scanner

What Can The Service Be Used For?

 <p>Property Development Capture measurement of structures/buildings from any size to create as-built models for BIM applications</p>	 <p>Heritage Provide highly accurate documentation to help the preservation of heritage site</p>
 <p>Infrastructure Provide detail measurements of complex structures such as bridges and tunnels</p>	 <p>Industrial application Help to optimize the operations of industrial plant such as refinery</p>
 <p>3D Inspection Compare design with as built, detecting clash, and eliminating the interference</p>	 <p>Reverse engineering Scan and analyse small parts to obtain 2D and 3D drawings</p>