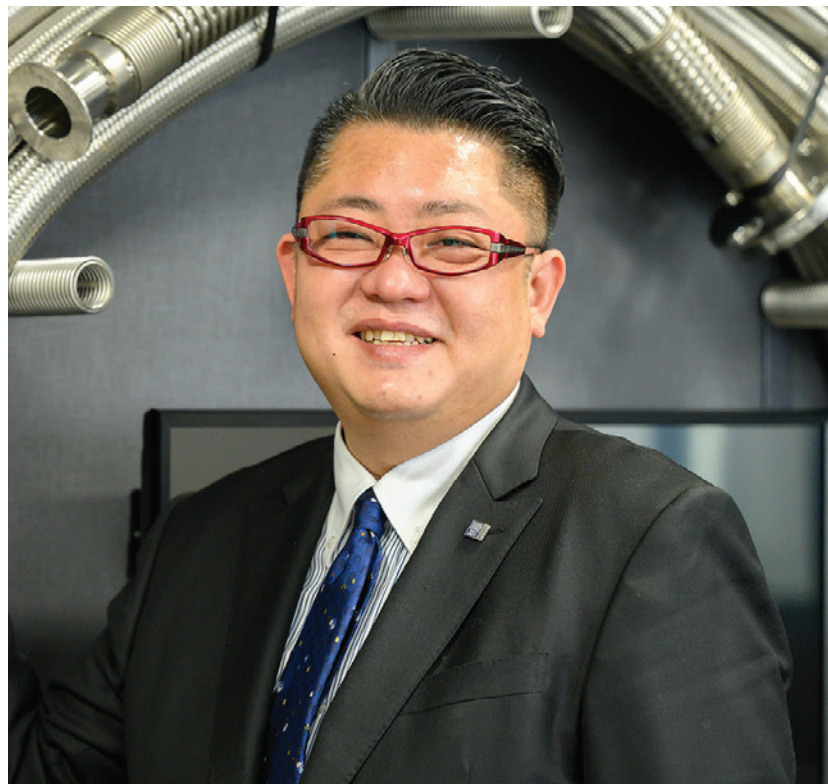


Thin, Strong and Flexible

Osaka Rasenkan Kogyo is dedicated to solving the most demanding engineering challenges



Seiji Koizumi

President, Osaka Rasenkan Kogyo Co., Ltd.

Extreme metal forming is more than just an engineering discipline; some see it as an art form. Minute tolerances, decades of experience and bespoke machinery are all part of the equation when creating products at the limits of modern engineering capabilities. Osaka Rasenkan Kogyo (ORK) knows this all too well.

ORK has spent over a century perfecting the art of making small, flexible metal hoses, essential to a wide variety of precision infrastructure. The company's latest product, known as "Nanoflex," pushes these capabilities to new extremes. With an internal diameter of just 0.9 mm—roughly the width of mechanical pencil lead—while remaining ultra-flexible, the hose has potential applications ranging from medical equipment to semiconductor production lines. Seiji Koizumi, now the sixth-generation president of the family business, is keen to highlight his philosophy when it comes to engineering challenges. "The skills of our craftsmen are extremely important," he said. "Even if it is extremely challenging, it is probably something we can make."

