



Technology

Epson is known worldwide for its advanced technology and the high reliability of its products including the quality of its robotics and printers. The Discproducer is no exception. Its compact design, dust-resistant body, minimum number of moving parts, outstanding print quality and patented AcuGrip™ technology, delivers superb reliability and output.

AcuGrip Technology Ensures Single Feed of Media



Unlike other disc publishers, the Epson Discproducer features patented AcuGrip picking technology which ensures that only one disc is placed in the drive or printer even if two are stuck together. The arm has a guide that places it in the center of the disc. Then three independently powered fingers extend to separate the top disc from the remaining discs. Finally the peel off lever (or kicker lever) lifts the top disc for transportation.

If more than one disc is lifted, they will be put in the reject stacker or the system will indicate an error has occurred. This technology not only increases the life of the product, but helps protect against the interruption of unattended production runs due to mechanical blockage.

MicroPiezo Technology is Core to Epson Print Quality



MicroPiezo® print heads are at the heart of every Epson inkjet printer. These print heads spray ink through microscopic nozzles, or holes on the print head. Each of these nozzles has tiny, piezo electric elements, which vibrate tens of thousands of times per second, allowing the nozzle to fire ink droplets onto the disc at extremely rapid rates. No heat is involved in the printing. This ensures greater accuracy when firing ink droplets precisely onto the disc. And, it gives the printer greater control over ink droplet size. MicroPiezo technology ensures uniform, stable ink droplets with virtually no satellites or misting all of which means you get the high quality results you'd expect from Epson.

Building on the Strength and Experience of Epson Robotics



When you build industrial robots, you learn about quality, reliability and precision engineering. And Epson is a world-leader in the design, development and manufacture of such robots as for medical technology and airbag testing. That's why our other products are so reliable – because they are built on the platform of knowledge and experience gained from the robotics environment. The Epson Discproducer™ is a perfect example. Its compact design, coupled with its dust-proof body and a minimum of moving parts, delivers precision performance, superb reliability and amazingly low running costs.