

Spindle system components



Invertex spindle drives



Liquid Cooling systems



Complete supply and installation from High Gain Technology



High Gain Technology

Spindles for Robots

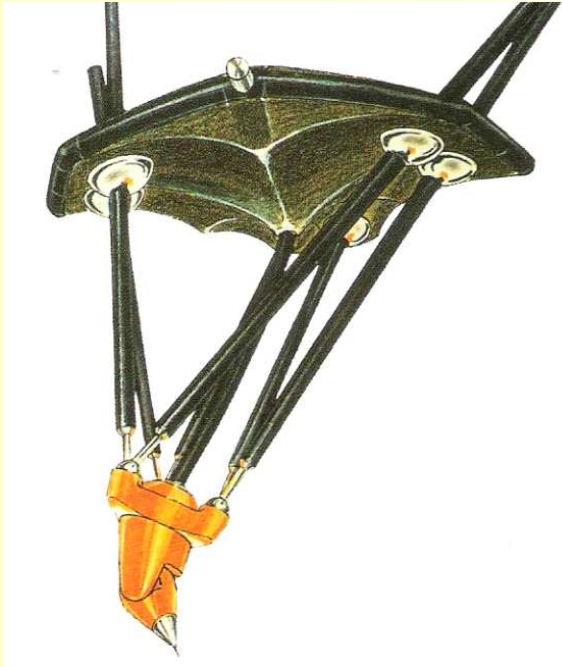


High Gain Technology has supplied high speed machining systems for over 14 years. Most recently there has been a significant increase in the demand for composite and light metal cutting in the robotics industry. High Gain has been able to meet this demand with the supply of several complete machining systems. Covered in the supply are spindles, frequency converters, chillers and tooling. Several robot companies have been supplied including, ABB, Kuka, Motoman, Hyde Automation, RTS, Bauomat and Geku



Electro spindle, air cooled 1kw –12 kw
3000 rpm - 40000 rpm. Manual tool change

Liquid cooled spindles with auto tool change 3000 rpm –30000 rpm



Aluminium machining with Hexapod Robot



24000 rpm air cooled spindle for machining composites in a modelling studio



Heavy duty robot and spindle for steel cutting



Hollow spindle and extraction for polystyrene cutting



Double spindle for machining composite floor cab mouldings



30000 rpm spindle on motoman Robot