

Project Management

A critical path analysis is used to identify the key activities required to enable the completion of the robot, for the April RoboCup Rescue competition in Germany. The manufacturing schedule is updated every week, using project management software, Microsoft Project.

Image: Manufacturing schedule, present - April 2008

Robot Machining

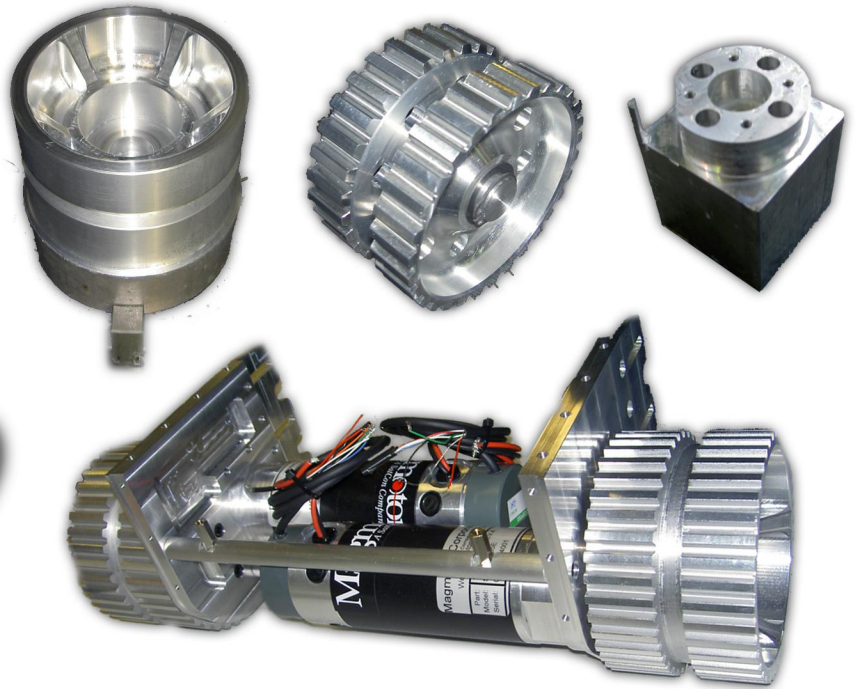
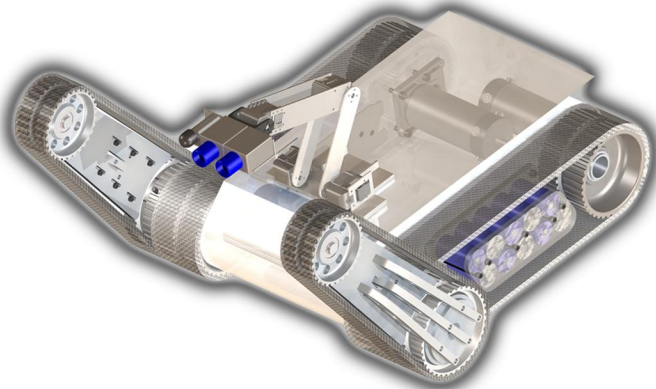
The continual design and manufacture of components has enabled the team to make great progress in the production of the WMR robot. Developments include customised tracks, main drive and flipper motors, gearbox, ITX motherboard, flipper speed controller, pulleys, shafts, bearings and recently the rear drive case plates.

Photograph: DMU eVo, 5 Axis Mill machining the rear drive pulleys



Robot Manufacture

Images of some of the manufacturing achieved to date. From left to right: CAD render of the robot, rear pulley during machining, front pulley, spacing ring and the rear drive assembly.



Open Day

On Wednesday 30 January 2008 WMR held an open day, during the School of Engineering's open day. Visitors ranged from school groups, industry visitors, lecturers and University students. The day included regular presentations and demonstrations of robot football and the Remotec sensor development chassis. To view more photos please visit

www.mobilerobotics.warwick.ac.uk/media/gallery

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