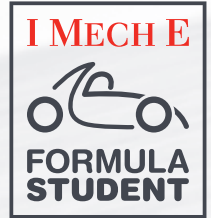


FORMULA STUDENT

Institution of Mechanical Engineers



Congratulations to the University of Applied Sciences Amberg-Weiden

FOR PARTICIPATING IN FORMULA STUDENT 2008

The Running Snail Racing Team was founded in August 2004. Over the years we have participated with sustained success at Formula Student events in England, Germany and Italy. And we again take the challenge in 2008.

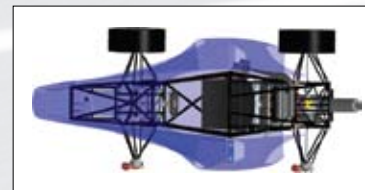
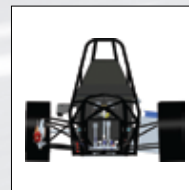
This year we have built our 4th race car: the RS08-FZS, which is the result of the tests and competitions of our first three cars.

Our goal this year was again to reduce the weight which is now more than 120 kilograms lighter than the very first car. Our other aim was to keep up high quality standards and reach better ergonomics for the drivers.

Away from the race track we were not inactive. Our three race cars were shown in different exhibitions, firm presentations to the "Partner Cup", an event we started last year to thank our sponsors. They had the chance to drive one of our cars in an SAE level track and to feel what it means to be a race driver.



10th
Overall in
Class 1



Length/width/height/wheelbase	3080mm/1380mm/1080mm/1600mm
Track (front/rear)	1200mm/1200mm
Weight including 68kg driver (front/rear)	145kg/152kg (full wet car weight of 230kg)
Suspension (front/rear)	Unequal length A-Arms. Pull rod actuated/push rod actuated Manitou Swinger spring/damper units
Tyres (front/rear)	16/53-13 radial ply tire Michelin S6A/slick
Wheels (front/rear)	BBS AIMg/7 inches wide; 10mm offset
Brakes (front/rear)	220mm x 6mm, SiC, hub mounted
Frame type	Steel tube space frame with glued glass fibre panels, H 1.0570
Engine	1998 Yamaha FZS 600 4 cylinder
Bore/stroke/cylinders/cc	62 mm/49.6 mm/4 cylinder/599 cc
Fuel	At least 98 octane petrol
Fuel system	Student des/built, fuel injection, sequential
Max power/max torque	11,000rpm/10,000rpm
Transmission/differential/final drive	D.I.D. double o-sealing-ring chain/ Drexler limited slip differential, lock-up value: 39% – 61% (drive operation), 19% – 39% (motor breaking)/4333