




APSG Engineering



TOTAL TRANSMISSION ENGINEERING SOLUTIONS

APSG Engineering Pvt Ltd is a Bangalore, INDIA based organization focused on Engineering solutions, consulting and distribution. Founded in 2016, APSG has participated in several product engineering programs and have delivered solutions and value to its customers constantly.

The core goal of APSG is to focus on the advanced engineering and innovation and help itself and it's customers to generate revolutionary products and services. The team at APSG is lead by professionals with decades of experience in various industry verticals such as Automotive, Oil and Gas, Bio Medical, Heavy Engineering including Farm Equipments, Energy etc.

GEAR & TRANSMISSION DESIGN

Transfer cases

- Gear System Analysis, Durability of Gearbox
- Failure analysis and Warranty issue
- Advance Shift System development

Parking Mechanism – Pawl and Sector

- Mechanism Simulation and Loads Estimation for various drive conditions

Auxiliary Gearbox

- Failure investigation and Gearbox Noise including Gear Microgeometry impact.

Torque Vectoring Systems in AWD

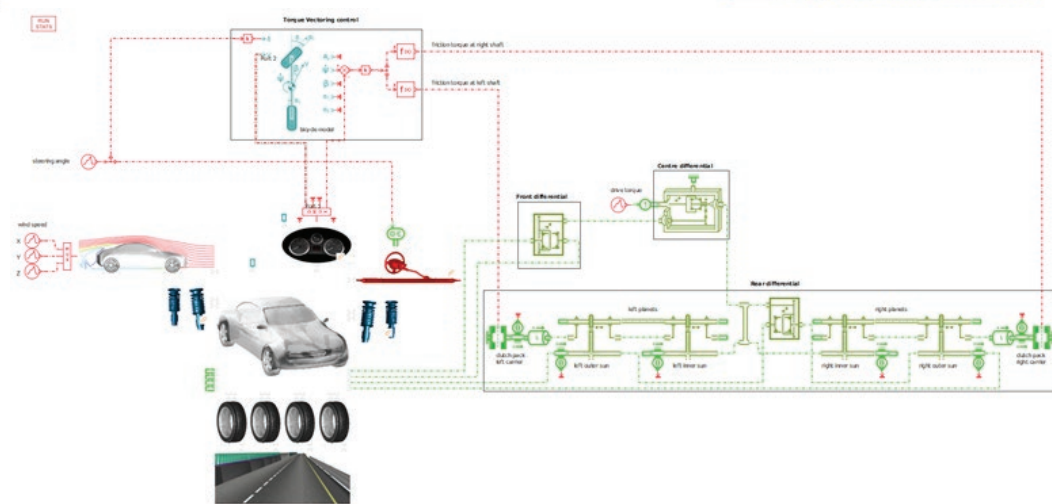
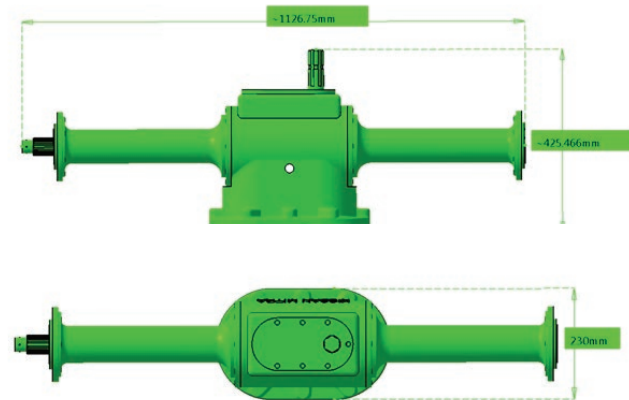
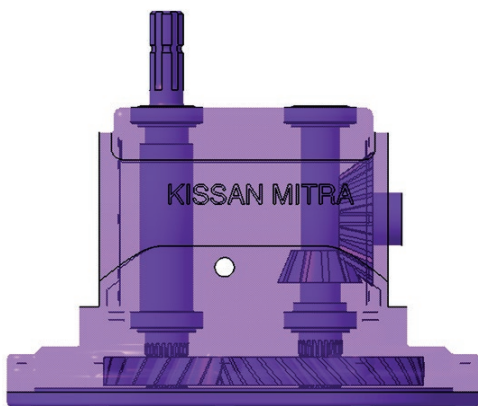
- Systems Modeling.

Complete gearbox design for different speeds

- Agricultural Rotavator application
- Automotive application

VALUE TO THE CUSTOMER

- Complete design and development of Gear and Gearbox
- Systems modeling of gear systems, transmission, powertrain, vehicle and drive cycle level with different transmission options.



Call for inquiry

Niju Nair @ +91-7306209304, Karthik @ +91-9916132105

madhavan.nair@apsgengineering.com, karthik.shankaran@apsgengineering.in

APSG Engineering Private Limited, Regus Supreme Building (Jayanagar), 44/1, 1st & 2nd Floor,
16th cross, Jayanagar 7th block (west), KR Road, Bangalore – 560070. INDIA