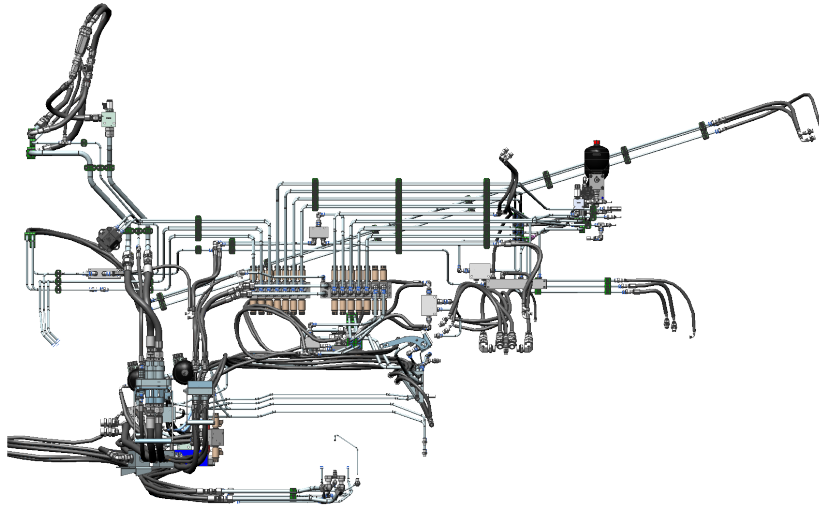


Hydraulics design

Designing hydraulic systems for mobile machinery is one of our most significant areas of expertise. We tailor our systems to each customer's unique needs and work together with various component manufacturers to ensure best results.

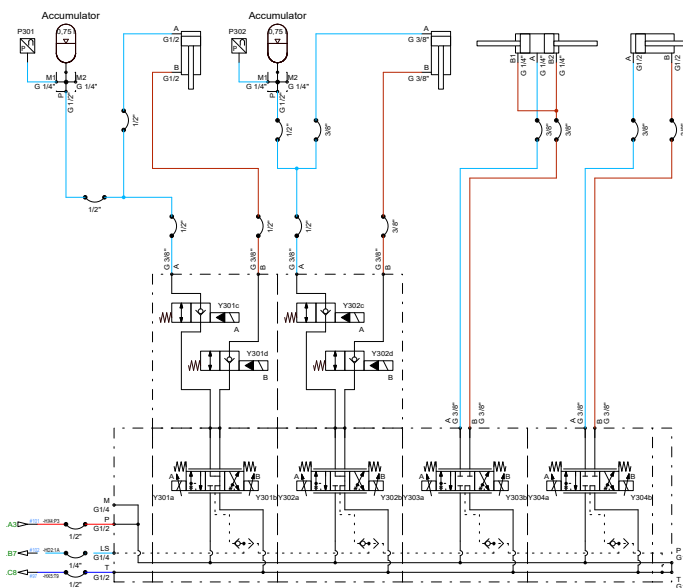


WE OFFER:

HYDRAULIC SYSTEM SPECIFICATION

- Conceptualization
- System calculations
- Selection of components
- Cost estimates
- Cooperation with component suppliers

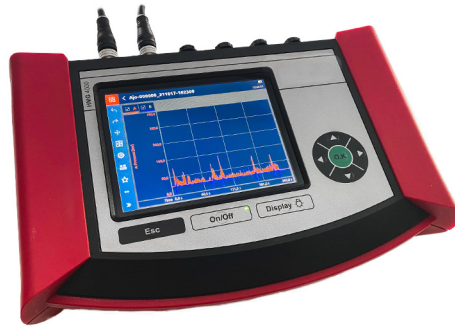
DESIGN



- 3D design: assembly structures, component placement, block design, pipe and hose modelling and fitting systems
- Hydraulic diagrams
- Documentation and system descriptions
- Simulations
- Procurement: calls for tenders and cooperation with suppliers

DEPLOYMENT

We offer system testing, adjustments and troubleshooting as a part of product development projects or as a separate service. Our modern measuring equipment and sensors allow us to determine the functionality of different hydraulic systems.



MAINTENANCE

After the initial design phase, we continue the product design process in cooperation with our customers throughout the product development project.

Reference: Golf course maintenance machine Turf Gamechanger



The entire hydraulic system of the work machine has been designed and tested by Comatec. The hydraulic system consists of a power and pump unit, hydrostatic drive, steering, and the various different hydraulic actuator circuits.

COMATEC GROUP – OUR EXPERTS BY YOUR SIDE

Comatec Group is an engineering company that provides and develops design, project management and expert services – a leader in its industries. We employ almost 600 professionals in over 20 locations in 4 countries. We are particularly known for our ability to carry out challenging assignments in the technology industry and the field of mechanical engineering. Our solutions are always based on tried and tested up-to-date technology.



DNV GL Business Assurance has granted Comatec Group the ISO 9001:2015 management system certificate. The certified operations include the Group's design, project management, site and expert services.

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