

# CHNOLOGY

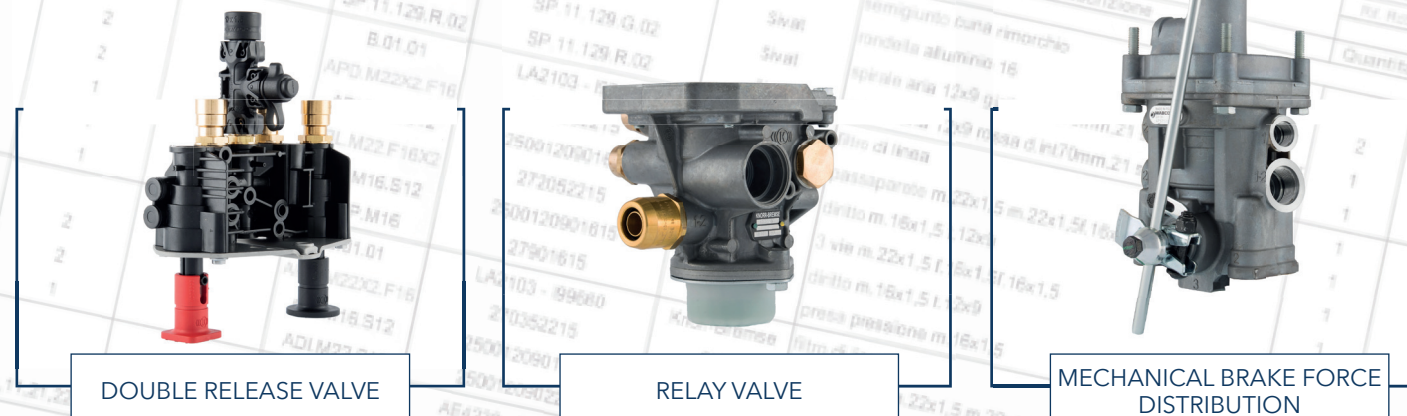


## System KITS

The systems can be supplied in KIT form, packaged to simplify the logistic management of the client.

The KITS are labelled and assigned with a progressive number, rendering each system identifiable and traceable.

The individual valves can be supplied complete with pre-fitted quick connectors.



## Technical support and certification tests

**Technical Support for certification testing is the service for which SIVAT is known and appreciated by its clients.**

SIVAT is able to provide support for manufacturers in all the stages of production of a new vehicle.

Training courses are organised both at the SIVAT premises and on-site with the client in order to provide instructions concerning:

- The installation of pneumatic and hydraulic systems
- Resolution of fitting and maintenance problems
- Functioning of the systems and certification tests

SIVAT is equipped with all the pneumatic, hydraulic and electronic equipment necessary for the carrying out of static and dynamic tests for the certification of all types of industrial and agricultural vehicles:

- Tractor unit simulators for static testing
- Tractor unit simulators for dynamic testing
- Data-acquisition systems for the recording and analysis of results from static and dynamic tests



$$v_2 = v_1 \cdot \sqrt{\frac{F_M + F_1 + F_2 / 4}{F_M + F_1 + F_2}}$$

$$d_m = \frac{v_m^2 - v_e^2}{25,92 (s_e - s_b)} \text{ m/s}$$

$$Z_R = (Z_{R+M} - R) \cdot \frac{F_M + F_R}{F_R} + R$$

get in touch with us



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## BRAKING TECHNOLOGY



PNEUMATIC AND HYDRAULIC BRAKING SYSTEMS  
FOR MOTORISED VEHICLES AND TRAILERS



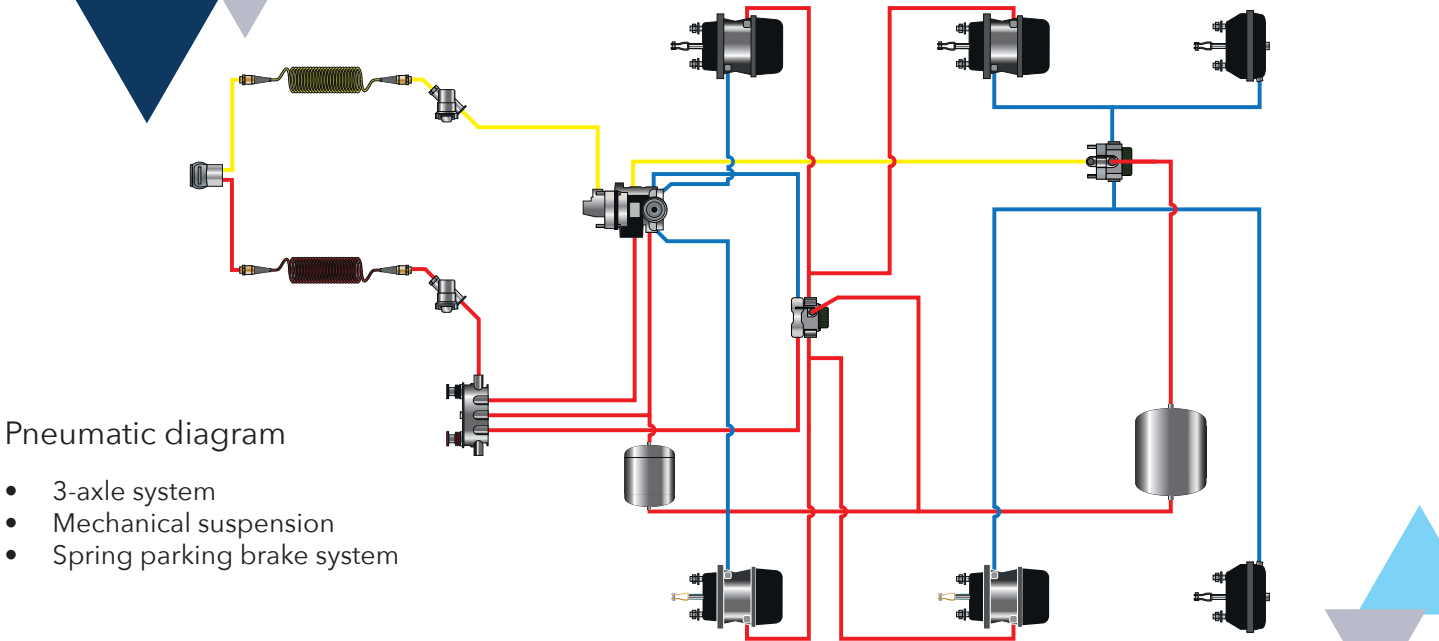
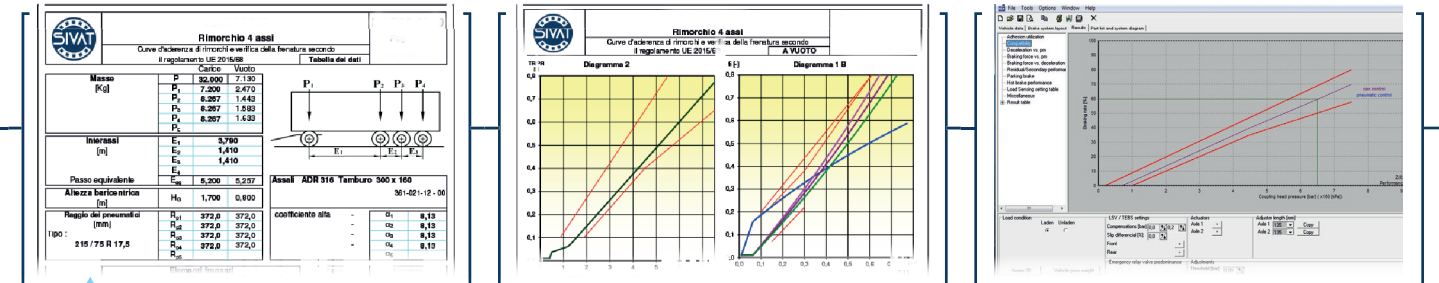
# BRAKING TE

## The Company

SIVAT has been operating since 2000 in the sector of braking and service systems for motorised vehicles and trailers in both the agricultural and industrial sectors.

The technical capacity and skill acquired over the years has made the company a point of reference for the market and has allowed for the establishing of profitable relationships with all its clients, going beyond the typical client-supplier relationship.

Despite its years of experience, the company continues to approach each request with the same energy and enthusiasm that has always characterised its activities. SIVAT is first and foremost a company made up of motivated people who are passionate about their work, always in search of new challenges and seeing each project as a possibility to enhance their experience and move forward together with their clients and suppliers.



Pneumatic diagram

- 3-axle system
- Mechanical suspension
- Spring parking brake system



## LIGHTING SYSTEMS

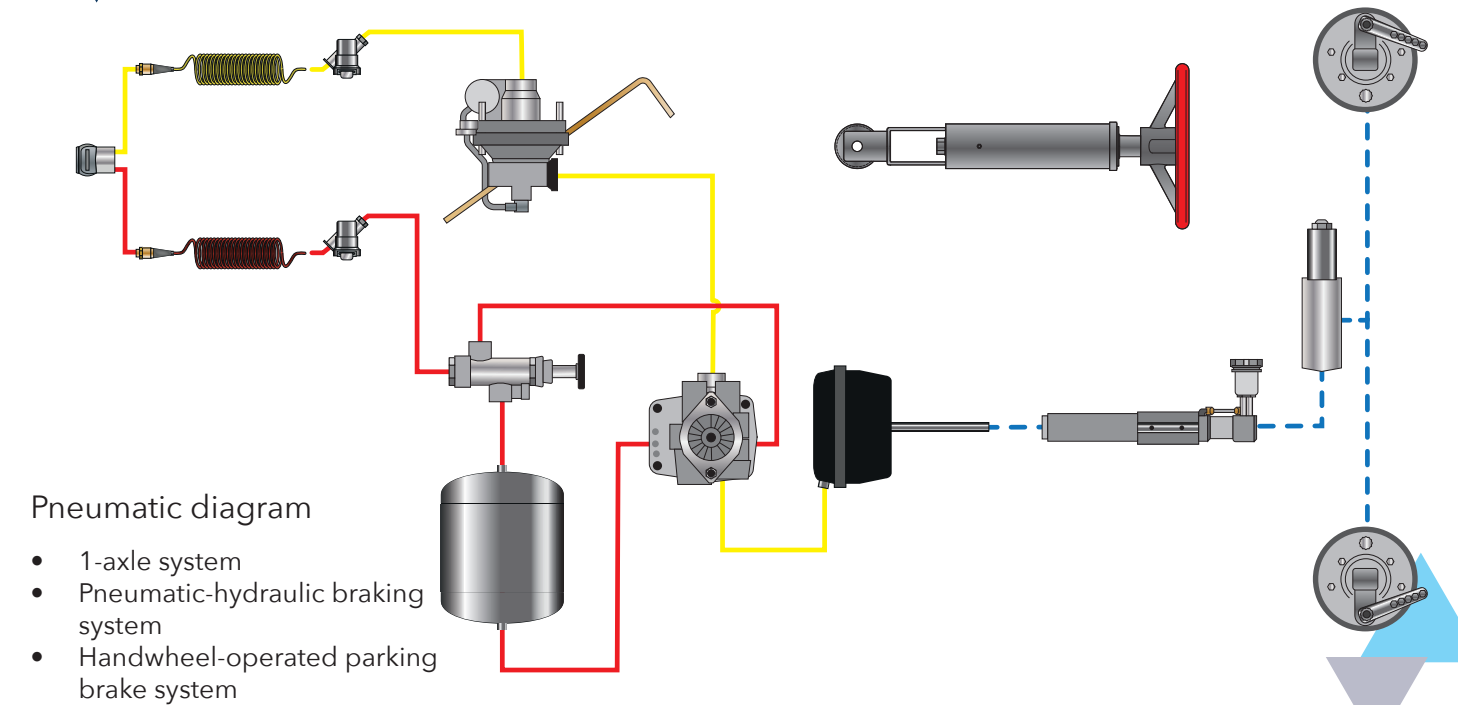


With the aim of providing an ever-more complete service for its clients and to be a prime point of reference for the manufacturing of vehicles, SIVAT has set up a profitable collaboration with PAGG ASPOECK for the supply of complete lighting systems and all relative electric components.

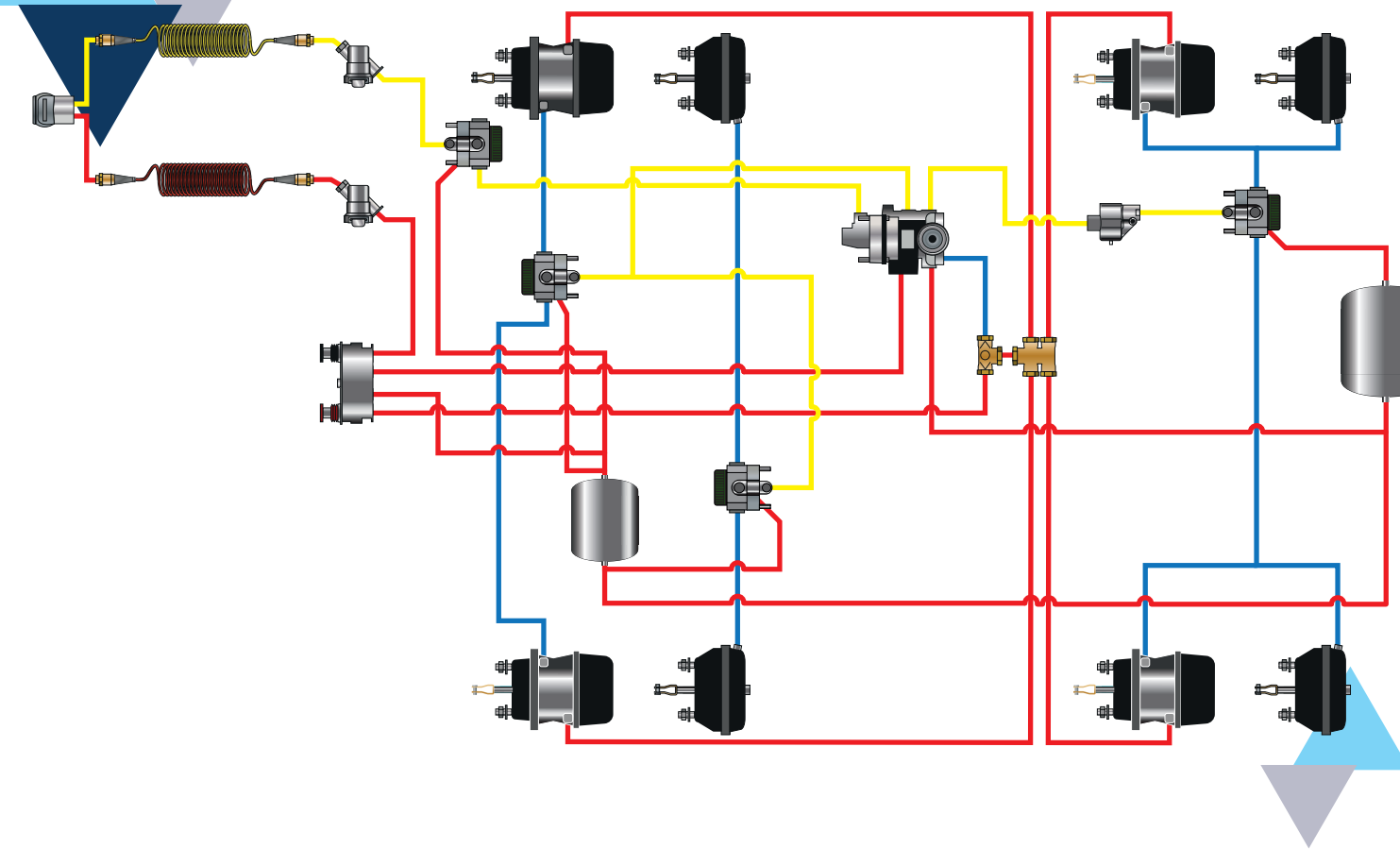


## PNEUMATIC BRAKING SYSTEMS FOR MOTORISED VEHICLES AND TRAILERS

SIVAT is the **exclusive partner of KNORR-BREMSE** for original equipment for motorised vehicles and trailers for the Italian market



SIVAT is a **partner of WABCO** for original equipment for agricultural motorised vehicles and trailers for the Italian market



SIVAT has access to the entire **KNORR** and **WABCO** catalogues, as well as to their experience and support, in order to provide the most efficient solutions.

**KNORR-BREMSE**



DRYER

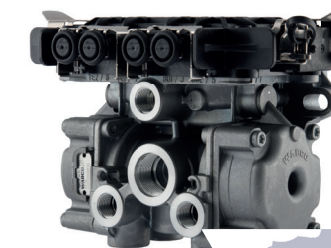


PEDAL DISTRIBUTOR



HAND DISTRIBUTOR

**WABCO**  
Mobilizing Vehicle Intelligence



ABS



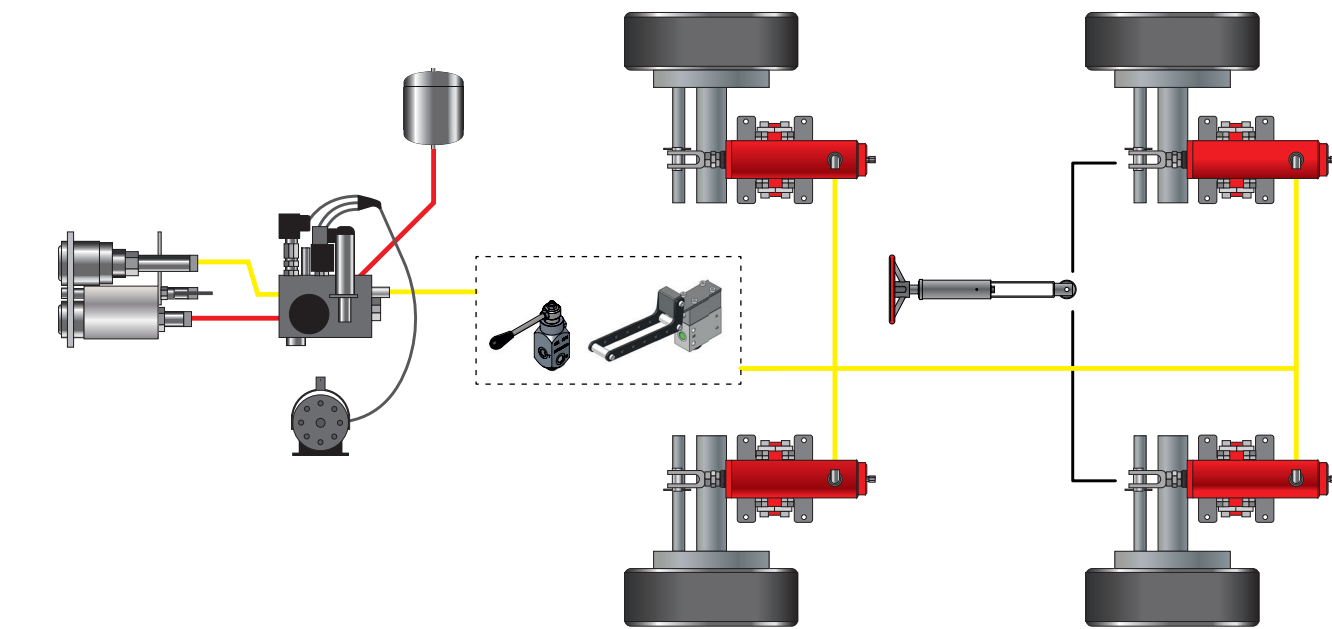
TRAILER COMMAND VALVE



PNEUMATIC-HYDRAULIC CORRECTOR

## HYDRAULIC BRAKING

The experience acquired in vehicle braking and in the manufacturing of pneumatic systems, as well as the availability of software and calculation methods for the correct sizing of the same, make SIVAT the ideal partner in the hydraulic braking system sector.



A wide range of readily available products to respond to all client requirements in the manufacturing of their vehicles.

## ACCESSORIES



HANDLES FOR CONNECTORS



PIPE CUTTERS



TANK SUPPORTS



AIR HOSES



CORRUGATED SHEATHS



JOINTS