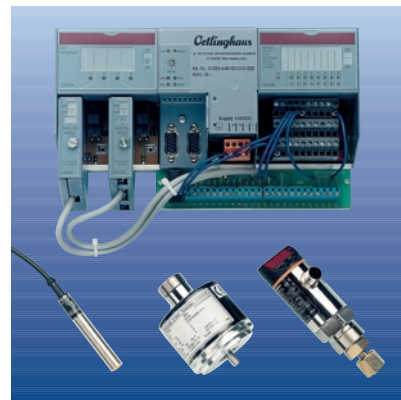
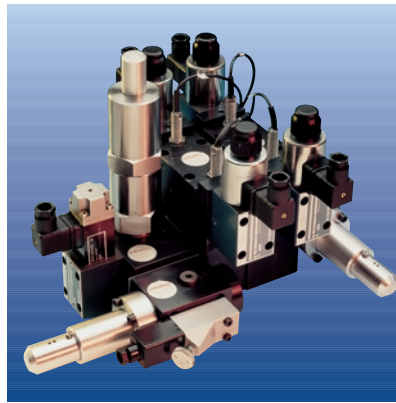
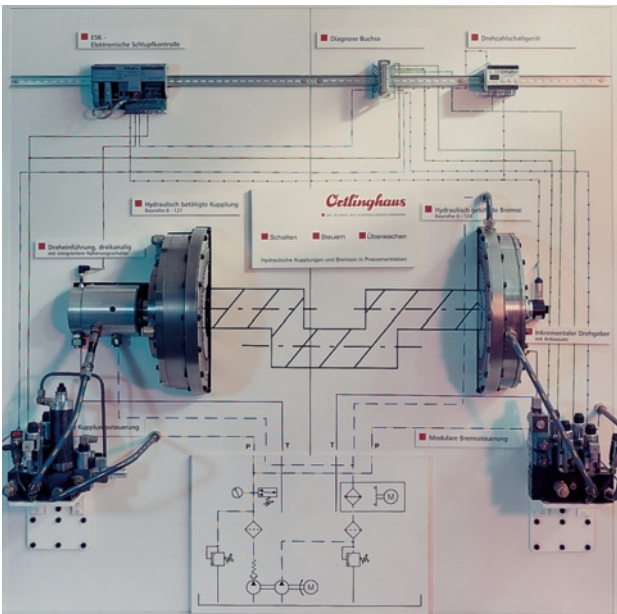


# Systems





## Systems



In addition to the drive components, i.e. clutches, plates and brakes, Ortlinghaus also offers complete systems for special applications. The machine tool and plant designer can acquire a combined system for his application, made up of modular components. The individual components of the Ortlinghaus systems are tried and tested, and are matched to each other.

Examples of Ortlinghaus systems are:

### 1 Winding technology

In this application pneumatically actuated brakes and control devices are offered as a complete system for unrolling equipment. The equipment required for this type of application is described in more detail in Section 7 "Winding technology, pneumatically actuated tension brakes".

### 2 Drives for metal forming machinery

In Ortlinghaus compact drives the mechanical drive components - clutch/brake, flywheel with bearings, and gearbox are combined to form one drive unit. This mechanical system can also be supplemented with supply, control and monitoring systems. On press drives with wet running clutches/brakes in particular, hydraulic power packs, hydraulic controllers, electronic switching control and regulation devices finish off the mechanical drive into a complete system solution (photo).

### 3 Special customised designs

Clutches or brakes are combined with other components to form a functional system to the customer's specification. This reduces the manufacturing and assembly costs for the machine manufacturer.

**By offering systems Ortlinghaus is meeting the requirements of many machine tool and plant manufactures looking for a reduction in design and procurement costs and responsibility not just for individual components but for the whole system.**

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