

FMC Range

Standard system solutions

ARGO-HYTOS FMC Product Ranges

Standard system solutions **MHPS**

MHPS = **M**odular **H**ydro-**P**neumatic **S**uspension

- Hydraulic Standard Manifolds
- Accumulators
- Electronic Control Unit (ECU) and Display
- Sensors

Proportional Level-Control

- quick response and precise controllability

Unique, integrated valve design

less valves

less block material and installation space

ARGO-HYTOS commissioning „ON Site support“

Modularity

functions easy to choose

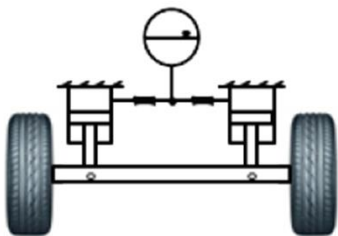


Overview

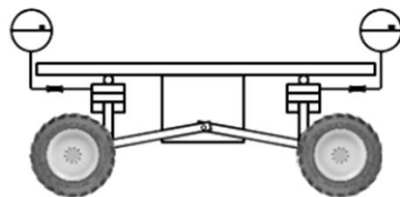
Where to use MHPS



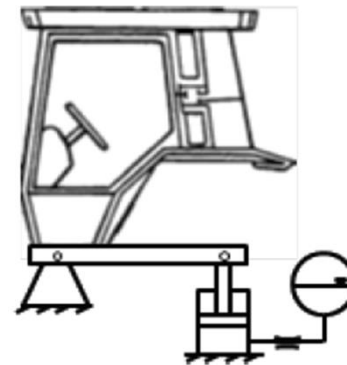
Axle suspension



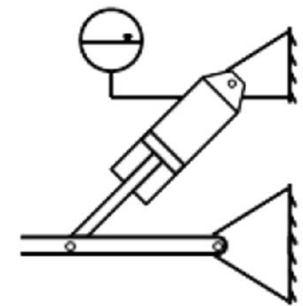
All-wheel suspension



Cab suspension



Draw-bar suspension



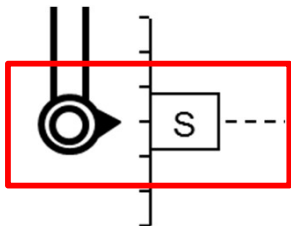
Implementation in MHPS

Module overview

Basic Module

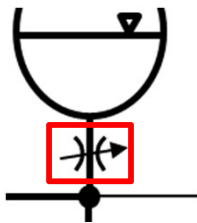
(Typecode: B)

The Basic Module is always needed!



Pistonside Modules

(Typecode: P*)



switchable

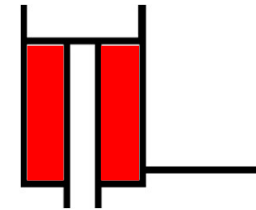
(Typecode: PS)

proportional

(Typecode: PP)

Rodside Modules

(Typecode: R*)



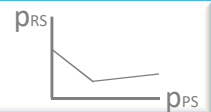
constant

(Typecode: RC)



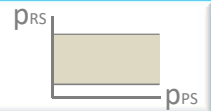
characteristic

(Typecode: RCH)



variable

(Typecode: RV)



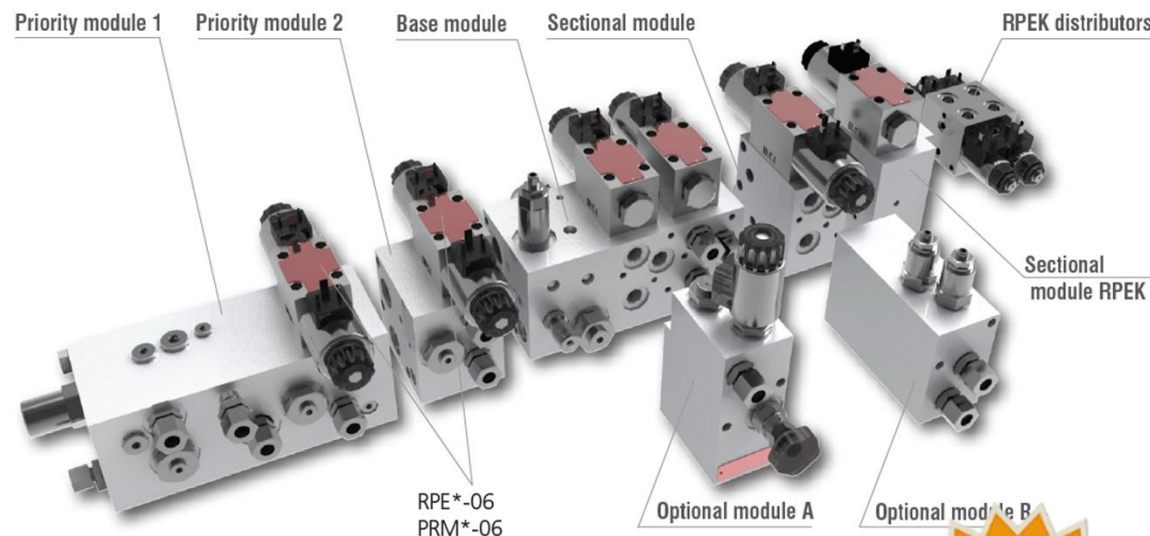
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Standard system solutions **MLS**

MLS = Modular Load Sensing system

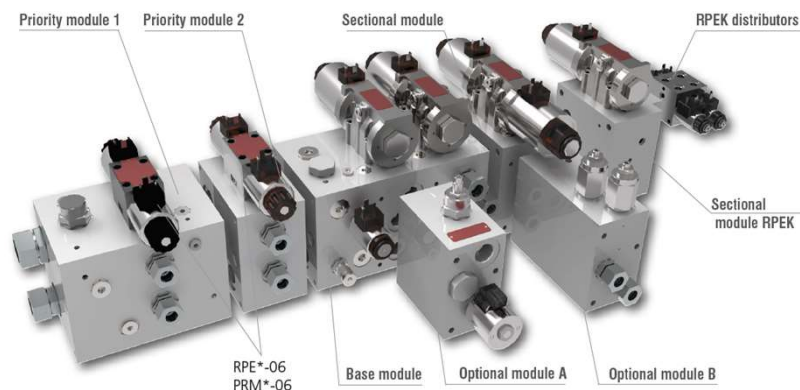
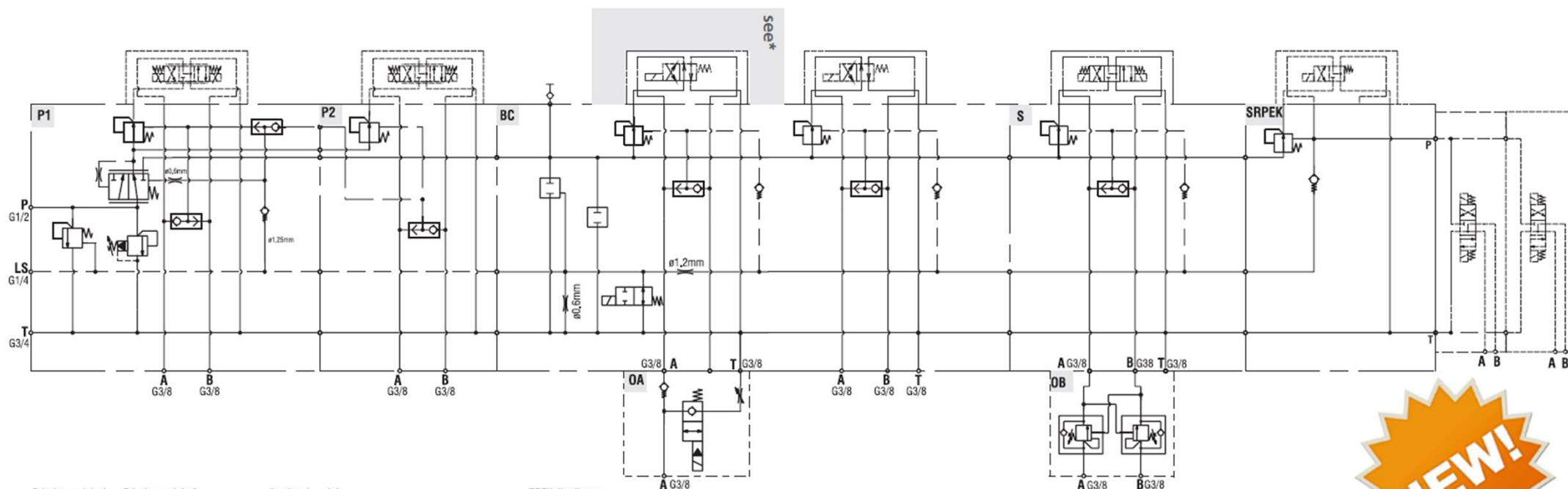
- Two sizes 06 and 10
- Modular manifold system concept
- Fit the demands of the mobile hydraulics
- concept based on the standard valves
- Standard modules easily adaptable

- Flow control (metering) is independent from load pressure
- The flow of each function is independent from the simultaneous work pressures
- Electrical unloading of the Ls signal
- Excellent flow control characteristics, without dead bands.
- Precise and safe remote controls (hydraulic, proportional electrohydraulic)
- Operation with fixed displacement and variable displacement pumps with Ls regulator
- Remote control of operating pressure.
- Possibility of lowering the stand-by pressure of the pump (only with the open centre version)



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Standard system solutions **MLS**



NEW!