

HEAVY EQUIPMENT & TRANSPORTATION



PIHER SENSING SYSTEMS

Piher is a specialist manufacturer of Sensors & Controls with more than **60 years of know-how** and presence worldwide.

Since 1950 we are key partner for electronic sensors and controls in:

Automotive, Heavy Equipment & Transportation, Industrial, Medical, Marine and Appliance markets.



We excel in providing to our customers **high precise solutions**, including a wide range of technologies as **Hall effect, Inductive & Printed electronics** in different substrates.

We are part of **Amphenol Corporation**, a worldwide leader Company in the electronic market. Thanks to this integration, Piher is supporting with uncompromising attitude towards achieving **technological and service leadership**, as well as solid financial strength and stability thus ensuring efficient, low cost production, **product innovation** and continuity of investment in long-term research and



Thanks to our **deep focus in R&D** we enhance our customers with both custom or standard products according to their needs.

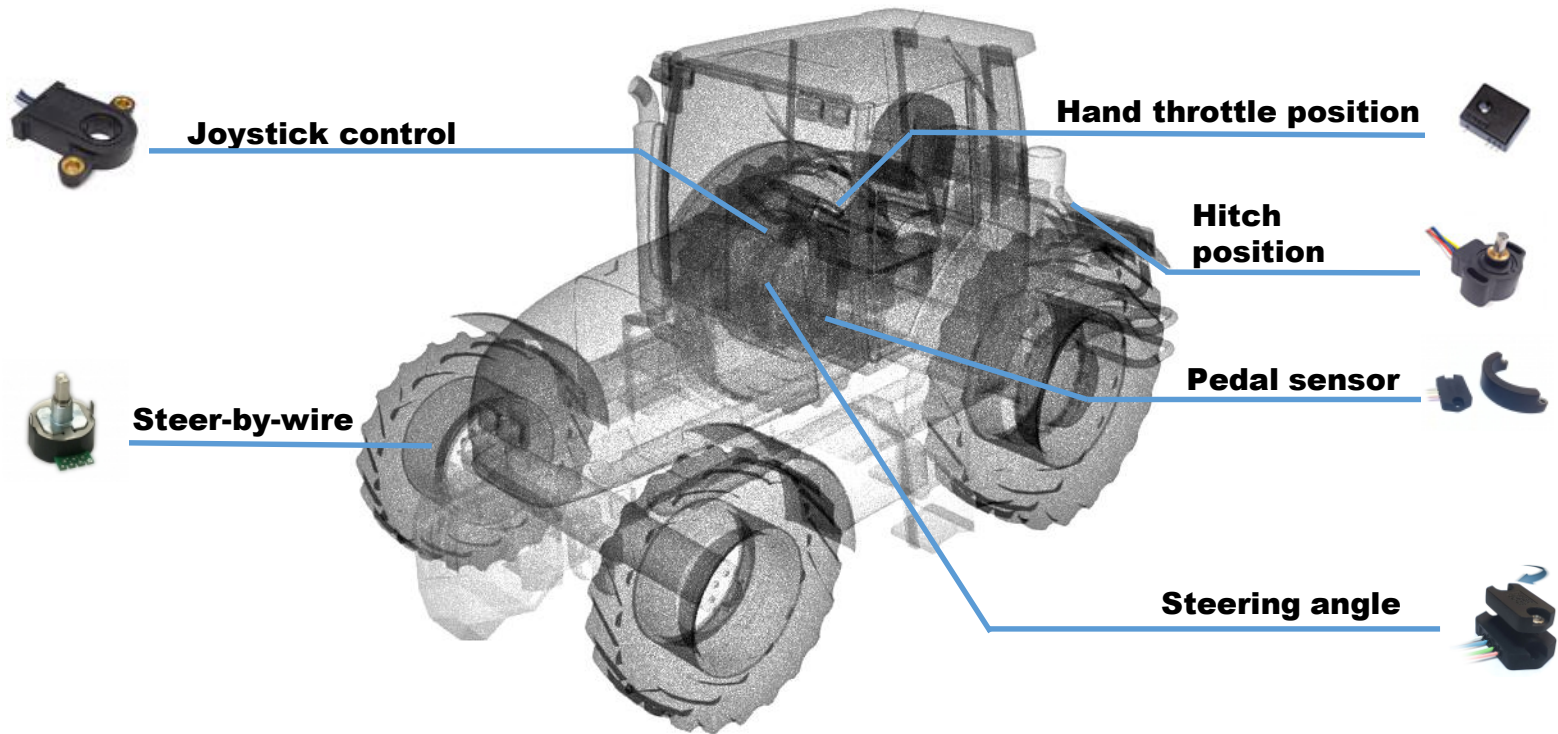
We are delighted of supporting your development. So please, **contact us & let us support to provide you with and outstanding solution**

AGRICULTURE



APPLICATIONS

(Click to the sensors to get more information)

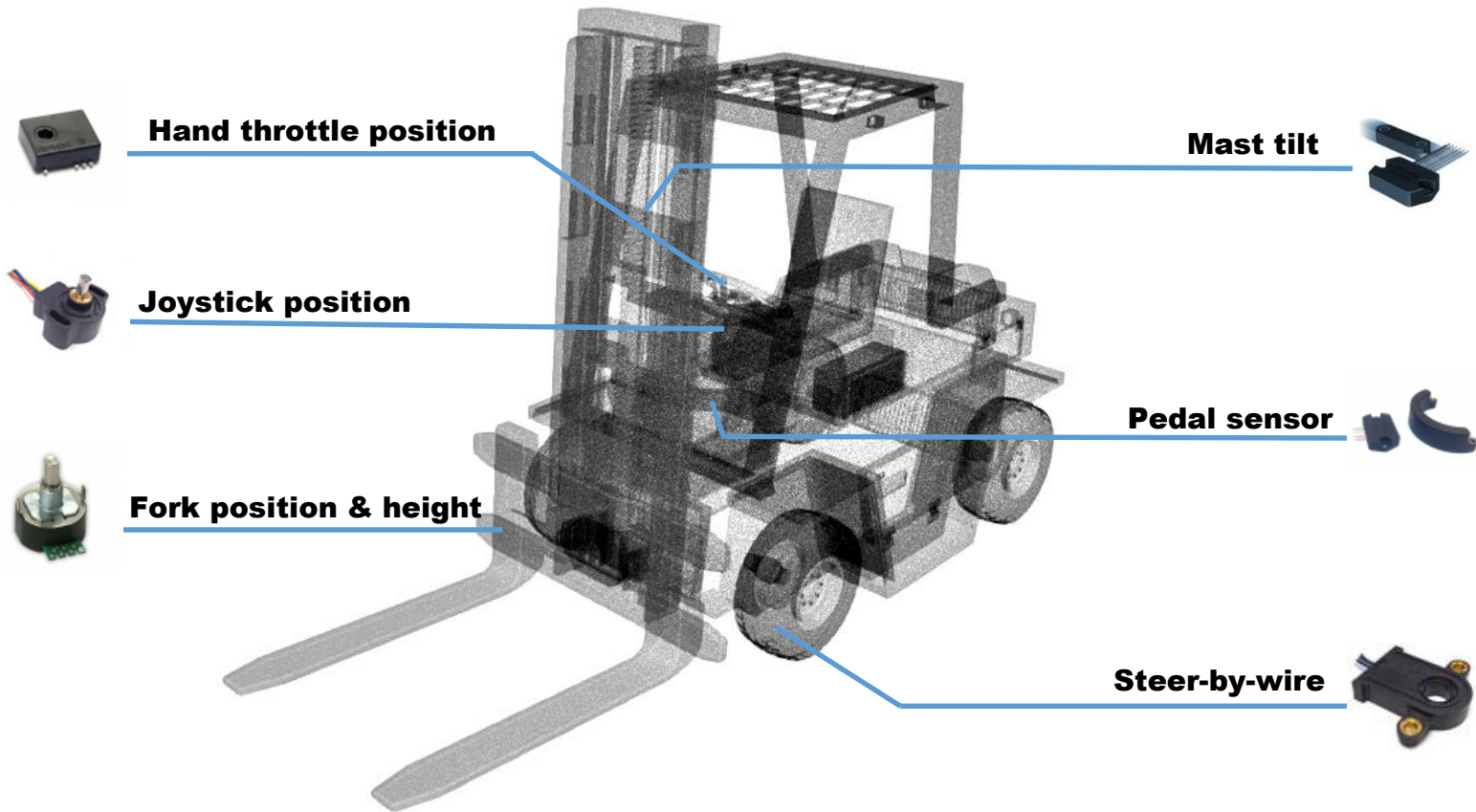


MATERIAL HANDLING



APPLICATIONS

(Click to the sensors to get more information)

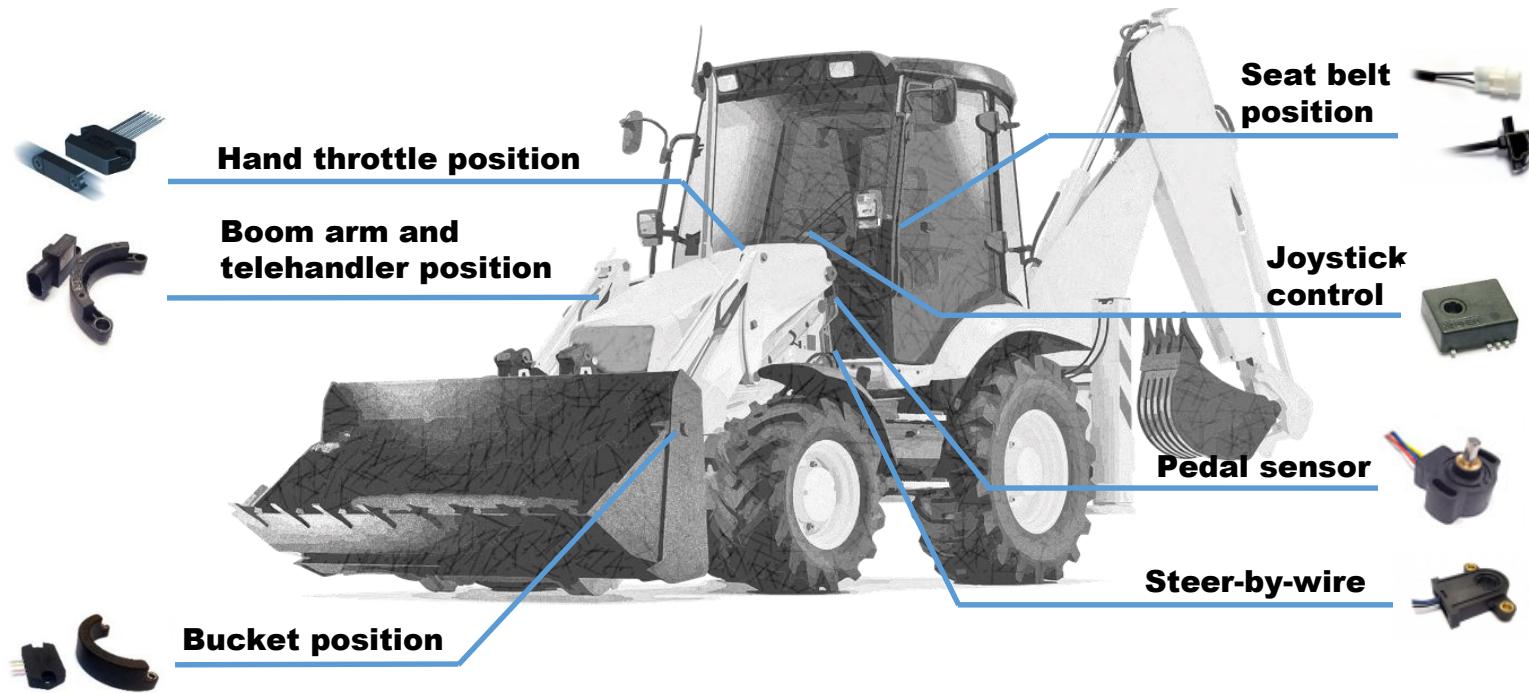


CONSTRUCTION & MINING



APPLICATIONS

(Click to the sensors to get more information)





| | MTS-360 | MTS-360PCB | PST360 | PSC-360U | PSC360 | PS2P-CON | PS2P-LIN | PS2P-ARC |
|--------------------|---|---|---|---|---|---|---|---|
| Type | Rotary | | | | | | Linear | Rotary |
| Output | Analog (ratiometric) PMW,SPI,CAN J1939 | | | | | | | |
| Rendundancy | Yes | | | | | | | |
| Resolution | Analog/PMW: 12 bits ; Serial(SPI):14bits | | | | | | | |
| Linearity | ±1 % absolute ± (0,5 % upon request) | | | | | | | |
| Supply Voltage | 5V | | 5V-From 12 up to 25V | | | | | |
| Supply Current | Typ 8.5mA for single versión. Typ 17mA for redundant version | | | | | | | |
| Voltage Protection | +20V over voltaje protection -10 V reverse voltage protection | | +10V over voltage protection and -10V reverse voltage protection | | | | | |
| Rotational life | Up to 50M cycles | | | | | Virtually unlimited | | |
| Switch output | Yes,programmable | | | | | | | |
| Measurement range | Up to 360º | | | | | | 12m | Custom |
| Redundancy | Yes | | | | | | | |
| Diameter size | Ø Hollow shaft:4mm | | Ø Through hole 14mm or 17 mm | Ø Shaft 6,35mm | Ø Shaft:6mm | Air gap | Nominal airgap 3mm Higher air gap upon request | Customizable air gap |
| Mounting | SMD mount | Flange connector | Flange/Fly lead harness Integrator connector | Flange/PCB | Flange/Fly lead harness Available Upon Request | Flange/Fly lead harness Other Upon Request | Flange/Fly lead harness Other Upon Request | Flange/Fly lead harness Other Upon Request |
| Sealing | IP50 | | Hard-epoxy for harsh environments | | | | | |
| Datasheet | https://www.piher.net/MTS-360 | https://www.piher.net/MTS-360PCB | https://www.piher.net/PST-360 | https://www.piher.net/PSC-360U | https://www.piher.net/PSC-360 | https://www.piher.net/PS2P-CON | https://www.piher.net/PS2P-LIN | https://www.piher.net/PS2P-ARC |

TELL US WHAT YOU NEED



PIHER *sensing* systems

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Automotive



Off road Vehicles



Industrial



Marine



Home & Building
automation



Appliance

Amphenol Sensors

Delivering Value-Add



Sensors

IATF 16949:2016



BSI Certificate Number: 585584
IATF Number: 0327014

ISO 9001:2015



BSI Certificate Number: **FM 596631**

ISO 14001:2015



Certificate Number:
ES093953-1