

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 difference 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.

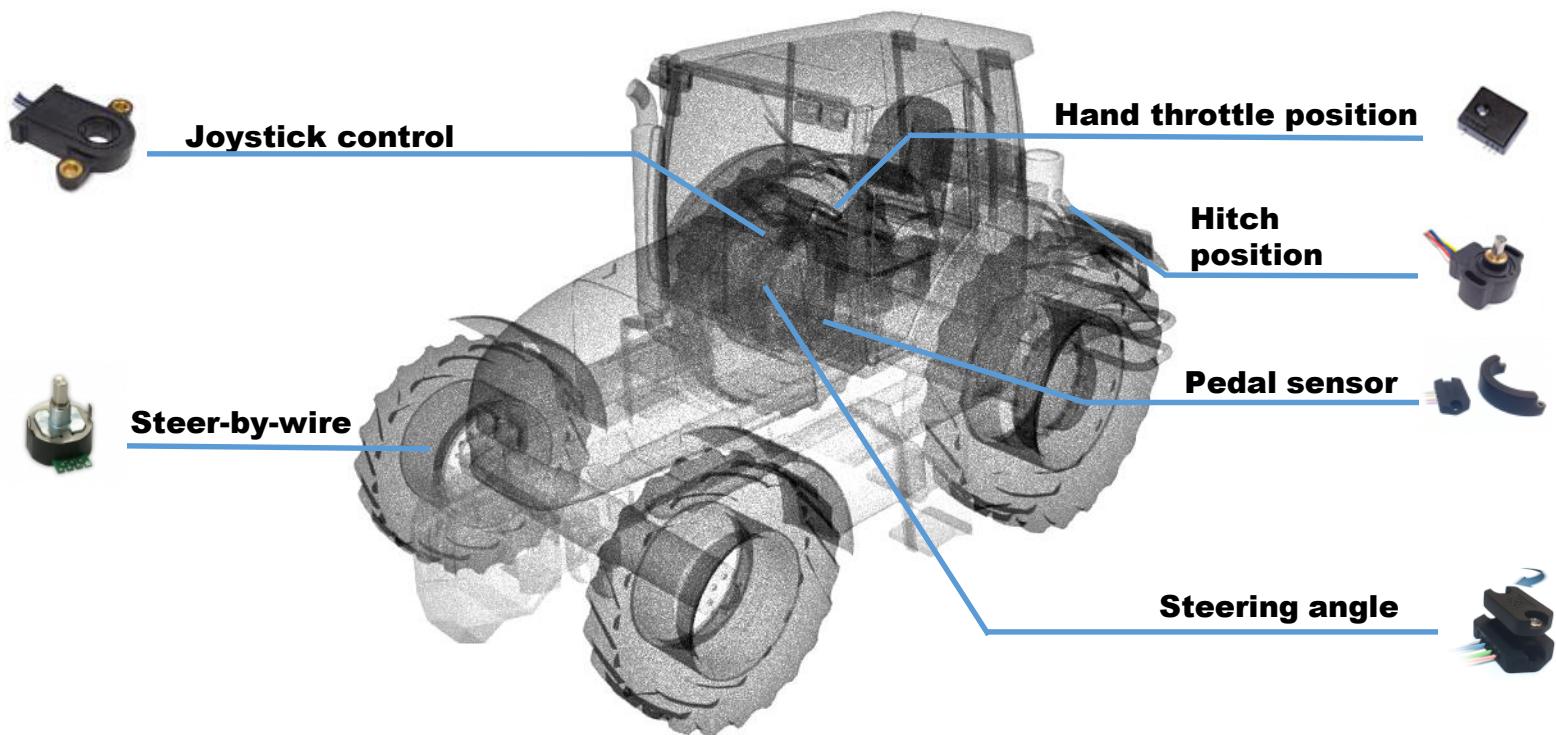
We are delighted of supporting your development. So please, **contact us & let us support to provide you with and outstanding solution**

AGRICULTURE



APPLICATIONS

(Click to the sensors to get more information)

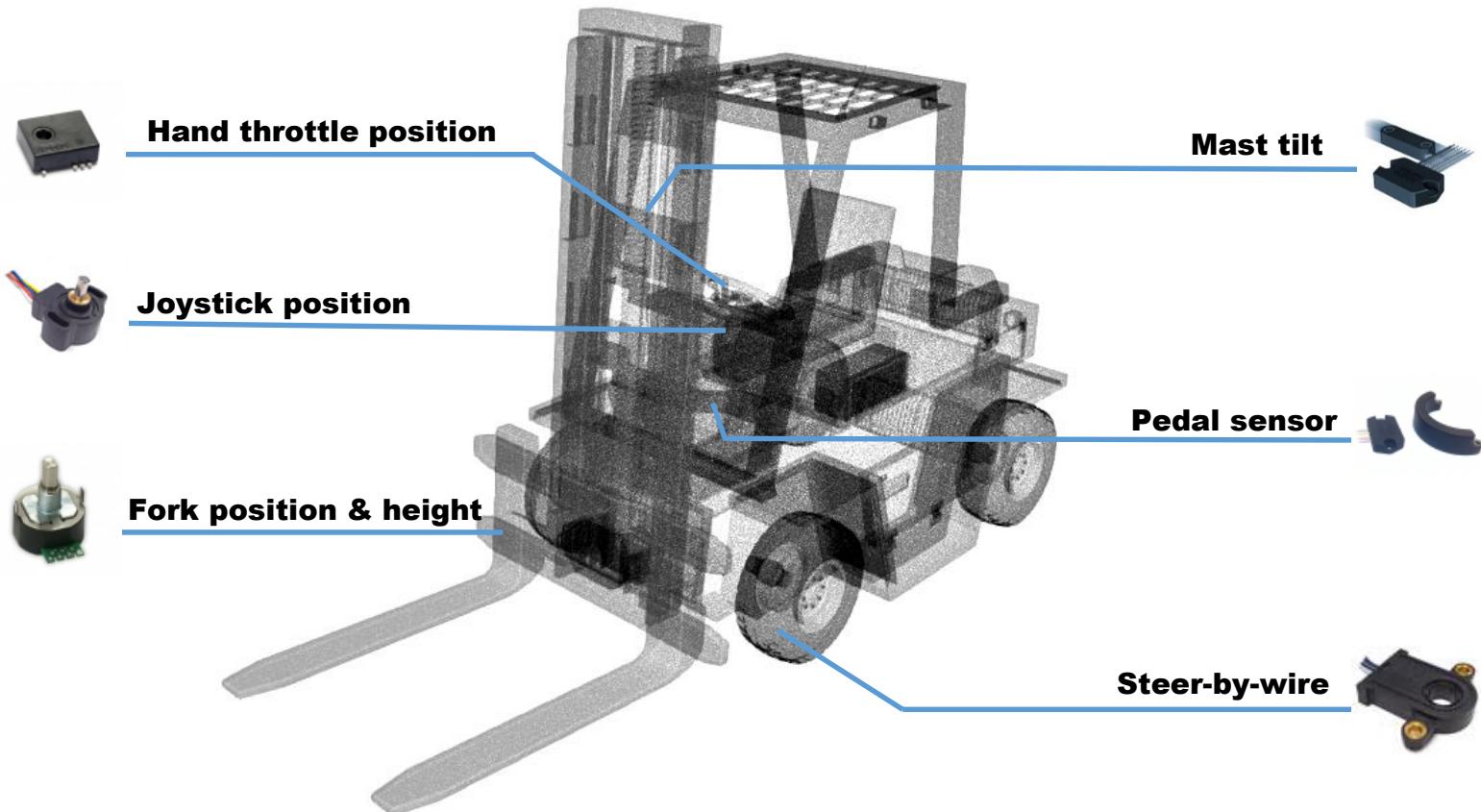


MATERIAL HANDLING



APPLICATIONS

(Click to the sensors to get more information)

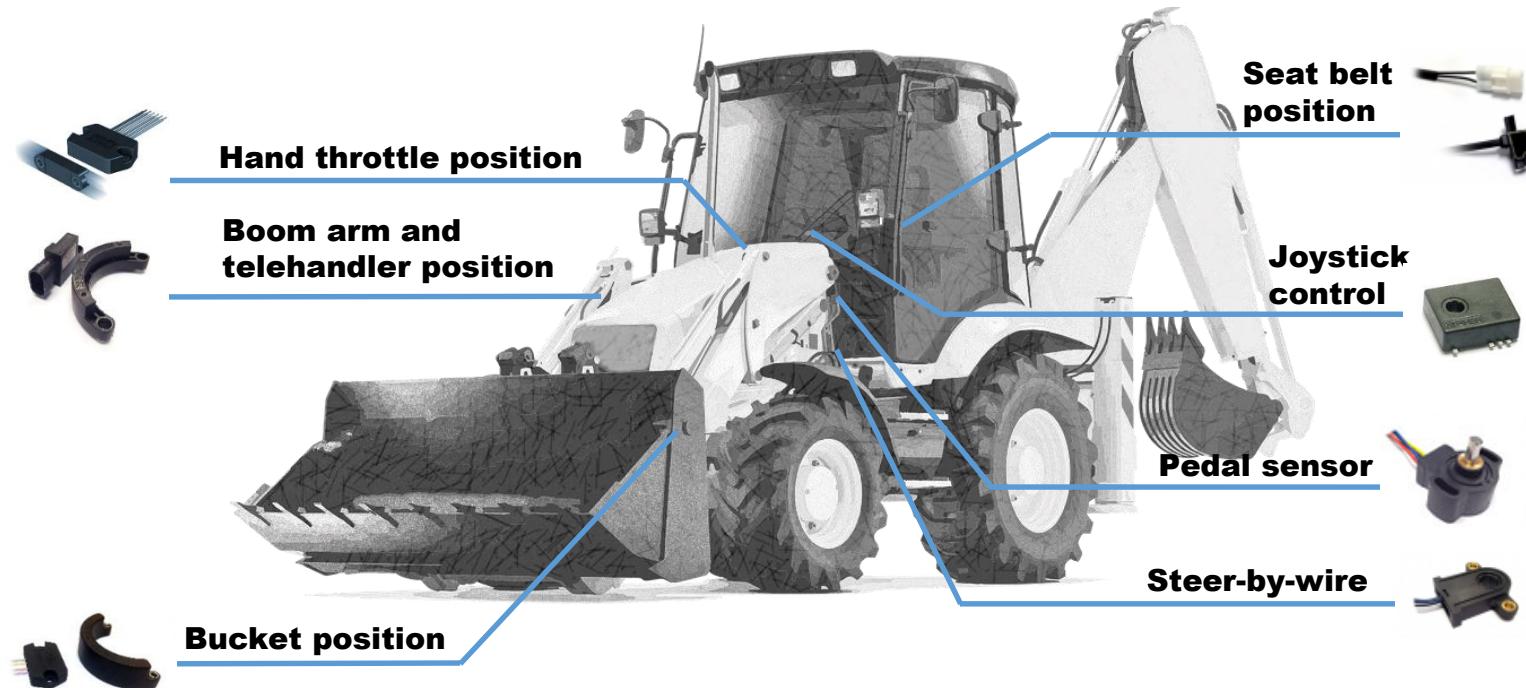


CONSTRUCTION & MINING



APPLICATIONS

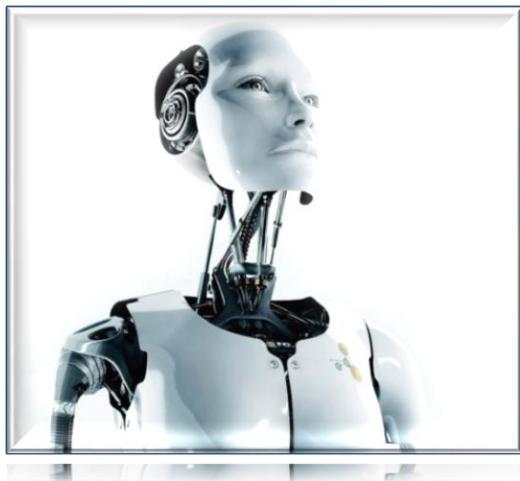
(Click to the sensors to get more information)





	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	$\pm 1\%$ absolute $\pm (0,5\%$ 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 voltage 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 360°						12m	Custom			
Redundancy	Yes										
Diameter size	\emptyset Hollow shaft:4mm		\emptyset Through hole 14mm or 17 mm	\emptyset Shaft 6,35mm	\emptyset 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
an **Amphenol®** company

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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 Certificate Number:
ES093953-1

