2 CARS IN 1...
FOR EVERYONE
A French family business founded in 1926, Poclain has always tried to facilitate work by developing innovative and efficient systems. With a focus on research and development and strong business values, Poclain has, over the years, become a key player internationally as in France with successful innovations and achievements. Its legacy has enabled the company to develop its expertise in the on-road markets. Poclain has been equipping commercial vehicles with its solution for the last decades. Going forward, Poclain proposes to innovate on passenger cars with Addidrive all-wheel drive transmission system. Behind this new technical solution there lies a radically different vision of car driving that Poclain aims to develop.

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**SHORT SUMMARY**

- Independent and family-owned company
- International group employing 2,000 people worldwide
- A turnover of 282 million € in 2014
- 11 production units. More than 20 sales subsidiaries & remote offices around the world
- Inventor of the radial piston and cam-lobe motor
- Worldwide leader in hydrostatic transmissions based on cam-lobe motors

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**POCLAIN**

DRIVING VALUES FOR THE FUTURE

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**DRIVING INNOVATION TO MARKET SUCCESS**

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<td>CREATION OF POCLAIN</td>
<td>3-WHEELS TRAILER INVENTOR</td>
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WHY HAVE A 4X4 WHEN ALL YOU NEED IS FOUR WHEEL DRIVE?

With Addidrive, the first hydraulic all-wheel drive system, Poclain Powertrain offers every car driver a revolutionary solution for the future. It could rapidly equip all passenger cars and light commercial vehicles.
A BROADER HORIZON FOR THE CAR DRIVER OF THE FUTURE

FOR EVERY MARKET

MATURE MARKETS
CREATE A NEED
for customers who are not 4x4 adopters but who have the income to buy additional options.

EFFERVESCENT MARKETS
ANSWER TO A NEED
already expressed by customers with less income, facing difficult driving conditions daily, including on smaller vehicles.

FACT
Mobility is a worldwide expectation. In effervescent countries, more and more drivers often have to face to less developed and maintained road networks, with more demanding weather conditions. In more mature markets, car drivers attitudes are changing, becoming more focused on comfort and safety than pure performance.
A NEW VISION
With Addidrive, Poclain Powertrain has redefined the use of all-wheel drive with a simple and economical solution applicable to every car segment on the market.

WHAT IS IT?
Addidrive is a hydraulic all-wheel drive system which offers standard vehicle drivers reinforced grip when needed, without increasing fuel consumption in normal driving conditions.

A SOLUTION FOR GETTING AROUND
When roads are risky or slippery...
When it is necessary to face bad weather conditions...
Simply in the event of leaving the asphalt behind to explore new horizons...
Addidrive provides the car driver with the right answer.

FOR WHOM?
As any standard car can be fitted with Addidrive, many customers can be targeted. Women and men of all ages, urban or country residents, everyone can have a car to suit their lifestyle.
DON’T WAIT TO BE ASKED, OFFER ADDIDRIVE TO YOUR CUSTOMERS

Designed to bring value to car drivers and car makers.

FOR END USERS

- EASY
  Transparent when not used and instantaneously activated when AWD is required.
  AWD capabilities available to everyone on standard vehicles.

- ECONOMICAL
  Fuel consumption closed to a FWD.
  Half the price of a mechanical AWD option.

- PEACEFUL
  Reduce driver stress due to poor infrastructure and hard weather conditions.
  Broaden the driver’s horizon and open up greater possibilities.

FOR THE CAR MAKERS

- ECONOMY
  Very few chassis modifications.
  No electronic.
  Integration costs divided by 3 compared to a mechanical AWD solution.

- MODULARITY
  2 architectures to better adapt to all platform configurations.
  Compatible with the majority of vehicles, even the small urban car range.

- MARKET OPPORTUNITY
  Affordable AWD, adapted to the largest number of vehicles and customers.

ADDIDRIVE: Plug, Play and Peaceful
Hydraulic Pump
Compact and powerful
Based on Poclain historical technology, heavy duty, high power density.

Hydraulic Wheel Motor
Light and modular
The smallest modular solution in the wheel. Compatible with disc and drum brakes.

Hydraulic Central Motor
Lean and powerful
To minimize the costs, one same motor provides the torque to two rear wheels.

2 SOLUTIONS COMPATIBLE
with your car architecture, therefore minimize the investments and meet your design criteria.

BENEFITS OF OUR TECHNOLOGY
The very high power density minimizes the weight and makes the solution very compact. Addidrive prompts extremely low losses, especially when not used. Two solutions with the same performance, bring modularity with respect to your design.

50% REDUCED
- FUEL CONSUMPTION
- CO₂ EMISSIONS
- MARKET PRICE

100% PRESERVED
- CHASSIS ARCHITECTURE
- PASSENGER COMPARTMENT
- TRUNK AND FUEL TANK CAPACITY

Compared to most mechanical 4x4 transmissions.