A REVOLUTION IN MOBILITY

Are we on the brink of a continuous future trend toward all-electric mobility? A revolution toward a digital world? The automotive world has been changing at a fast pace for decades, and we are preparing the company for this rapid change and technological development.

Horst Binnig, CEO, on technical developments in the automobile sector and the future orientation of the company.

No automotive supplier can afford to ignore the market developments as accelerated and accurate as possible are in their favor for their future. Actually, we are making a clear decision to position ourselves as a full-line supplier. We cannot be bound by the political framework that will evolve. We need to see new trends that will shape our future. For this, we need to have a strategy that allows us to remain competitive in the race for customer orders. We need to be able to do this in a way that is sustainable in the long term.

Looking at the future, I therefore see a clear need for Rheinmetall Automotive to orient development activities toward an ever-growing electromobility in the market. The diversity of the types of activities in our company, including our expertise in research and development, will provide additional potential for new business areas. For this reason, I am betting on a strategy that allows us to remain competitive in the future. The diversity of our types of drives that will evolve will enable us to add long-lasting value to new business areas. For this reason, I am betting on a strategy that allows us to remain competitive in the future. The diversity of our types of drives that will evolve will enable us to add long-lasting value to new business areas.

Looking at the future, I therefore see a clear need for Rheinmetall Automotive to orient development activities toward an ever-growing electromobility in the market. The diversity of the types of activities in our company, including our expertise in research and development, will provide additional potential for new business areas. For this reason, I am betting on a strategy that allows us to remain competitive in the future.

Innovation is essential if we are to align our business with the market development in as detailed and accurate a way as possible is essential if we are to align our business with the market development in as detailed and accurate a way as possible is essential if we are to align our business with the market development in as detailed and accurate a way as possible. The companies Kolbenschmidt and Pierburg merge to Kolbenschmidt Pierburg AG as Rheinmetall’s automotive division.

With our specialization in emission and consumption reduction as well as downsizing, we will strengthen our competence in relation to the upcoming changes in this area. For this reason, I am betting on a strategy that allows us to remain competitive in the future. The diversity of our types of drives that will evolve will enable us to add long-lasting value to new business areas. For this reason, I am betting on a strategy that allows us to remain competitive in the future.

Innovation is essential if we are to align our business with the market development in as detailed and accurate a way as possible. The companies Kolbenschmidt and Pierburg merge to Kolbenschmidt Pierburg AG as Rheinmetall’s automotive division.

RHEINMETALL AUTOMOTIVE IN CHINA

16 LOCATIONS IN CHINA

OVER 100 YEARS OF HISTORY - RHEINMETALL AUTOMOTIVE GLOBALLY

GLOBAL FOOTPRINT

INNOVATION DRIVEN

Our pioneering technologies will sustainably change tomorrow’s mobility. Experience our innovative solutions for combustion engines, hybrid and electric drives.
RHEINMETALL AUTOMOTIVE
IN CHINA

GLOBAL FOOTPRINT

A REVOLUTION IN MOBILITY

Horst Binnig, CEO, on technological developments in the automobile sector and the future orientation of the company.

As we see the last of a continuous future trend toward a global dual trend of population growth and urbanization, we are faced with demographic change and aging society. An automation revolution is currently upon us, and we must develop a new era of mobility. The details of this new era are still being written and will be influenced by the various facets of urbanization. Seeing the rise of components and systems toward hybridization with a transition toward electric mobility, it is clear that we will need to reduce both fuel consumption and emissions to meet current and future market demands. And we also need to continue to be well-positioned for new business areas. For this reason, I am betting on a strategy that allows us to continue to be well-positioned for new business areas, to make it necessary to set a course for any core areas and activities toward an ever-growing electromobility in this process. We need to meet this challenge. That is why we are continuously aligning our activities with necessary investments.

Looking at the future, I therefore see a clear need for new business areas and activities toward an ever-growing electromobility in this process. We need to meet this challenge. That is why we are continuously aligning our activities with necessary investments. It is obvious that the electric motor will gain further importance in the future. The dynamics of other types of drives will also play an important role for our business areas. For this reason, I am betting on a strategy that allows us to continue to be well-positioned for new business areas, to make it necessary to set a course for any core areas and activities toward electromobility in this process. We need to meet this challenge. That is why we are continuously aligning our activities with necessary investments.

In MOBILITY

As we see the last of a continuous future trend toward a global dual trend of population growth and urbanization, we are faced with demographic change and aging society. An automation revolution is currently upon us, and we must develop a new era of mobility. The details of this new era are still being written and will be influenced by the various facets of urbanization. Seeing the rise of components and systems toward hybridization with a transition toward electric mobility, it is clear that we will need to reduce both fuel consumption and emissions to meet current and future market demands. And we also need to continue to be well-positioned for new business areas. For this reason, I am betting on a strategy that allows us to continue to be well-positioned for new business areas, to make it necessary to set a course for any core areas and activities toward an ever-growing electromobility in this process. We need to meet this challenge. That is why we are continuously aligning our activities with necessary investments. It is obvious that the electric motor will gain further importance in the future. The dynamics of other types of drives will also play an important role for our business areas. For this reason, I am betting on a strategy that allows us to continue to be well-positioned for new business areas, to make it necessary to set a course for any core areas and activities toward electromobility in this process. We need to meet this challenge. That is why we are continuously aligning our activities with necessary investments.
A REVOLUTION IN MOBILITY

Horst Binnig, CEO, on technological developments in the automobile sector and the future orientation of the company.

For us as an automotive supplier, catching up and guiding the market development is as exhilarating and addictive as it is possible for us to follow the developments in the automotive industry and demographic change and technology! The automotive supplier has to be well prepared for this development, given our participation in a more and more technology-driven world. The long development cycle in the automotive industry, however, means that we are only a year or two ahead of this development at an early stage to be able to keep pace with the competition and - even better - take a lead at the point of the start of the market development.

Looking at the future, I therefore see a clear need for all automotive suppliers to reorient development toward an ever-growing electromobility in their various facets. Seeing the rise of components activities toward an ever-growing electromobility in the future, the demand for different types of drives that will then be available will exceed the additional potential for new business areas. For this reason, I am betting on a strategy that addresses both electromobility and internal combustion engines. For us, that means we have to be ready to anticipate the development of our core areas and be able to leverage our areas of expertise in electromobility and internal combustion engines and develop new products.

Innovation is a constant challenge. That is why we are constantly aligning our strategy, organization, and development. Like other automotive companies, we have to consider the demographic change in the future. The development of the types of drives that will then be available will exceed the additional potential for new business areas. For this reason, I am betting on a strategy that addresses both electromobility and internal combustion engines. For us, that means we have to be ready to anticipate the development of our core areas and be able to leverage our areas of expertise in electromobility and internal combustion engines and develop new products.

RHEINMETALL AUTOMOTIVE IN CHINA

IN CHINA

16 LOCATIONS IN CHINA

OVERT 100 YEARS OF HISTORY - RHEINMETALL AUTOMOTIVE GLOBALLY

GLOBAL FOOTPRINT

OVER 100 YEARS OF HISTORY - RHEINMETALL AUTOMOTIVE GLOBALLY

INNOVATION DRIVEN

Our pioneering technologies will sustainably change tomorrow’s mobility. Experience our innovative solutions for combustion engines, hybrid and electric drives.
SOLUTIONS FOR EMISSION REDUCTION, ELECTRIFICATION OF THE POWERTRAIN AND E-DRIVE SYSTEMS

HP EGR-valves
Pneumatic valves
Mechanical oil pumps
Variable mechanical coolant pumps
LP EGR-valves
Electric vacuum pumps
Variable oil pumps
Electrical coolant pumps
Coolant valves
HP EGR-modules
Mechanical vacuum pumps
Variable transmission oil pumps
Electrical transmission oil pumps
Throttle bodies
LP EGR-modules
Vapor pumps
E-motor and gearbox
Hydraulic valves, solenoid valves
Electric air chargers
Exhaust gas flaps
Actuators
Secondary-air systems
Acoustic exhaust flaps
Turbo recirculation valves
Variable valve train systems
Thermal management modules

EMISSION REDUCTION
VACUUM SYSTEM
OIL SYSTEM
ACTUATORS
COOLING SYSTEM & THERMAL MANAGEMENT
AIR PATH AND BOOSTING

BRANDS
BUSINESS UNITS:

Passenger car
Commercial vehicle
Range extender

PISTONS AND PISTON RINGS

BEARINGS
LIGHTWEIGHT STRUCTURAL COMPONENTS

ENGINE BLOCKS & CYLINDER HEADS

HARDPARTS

AUTOMOTIVE EMISSION SYSTEMS
COMMERCIAL DIESSEL SYSTEMS
PUMP TECHNOLOGY

MOTORSPORT

BEARINGS
CASTINGS
LARGE BORE PISTONS
SMALL BORE PISTONS

BEARINGS
CASTINGS
LARGE BORE PISTONS
SMALL BORE PISTONS

RHEINMETALL AUTOMOTIVE

Climate compressors

E-MOBILITY

RHEINMETALL AUTOMOTIVE

Battery pack
Bearings
Castings
Large Bore Pistons
Small Bore Pistons

RHEINMETALL AUTOMOTIVE

Bearings
Castings
Large Bore Pistons

RHEINMETALL AUTOMOTIVE

Bearings
Castings
Large Bore Pistons
SOLUTIONS FOR EMISSION REDUCTION, ELECTRIFICATION OF THE POWERTRAIN AND E-DRIVE SYSTEMS

HP EGR-valves
Pneumatic valves
Mechanical oil pumps
Variable mechanical coolant pumps
LP EGR-valves
Electric vacuum pumps
Variable oil pumps
Electrical coolant pumps
Coolant valves
HP EGR-modules
Mechanical vacuum pumps
Electrical transmission oil pumps
Throttle bodies
LP EGR-modules
Vapor pumps
Exhaust gas flaps
Actuators
Secondary-air systems
Acoustic exhaust flaps
Turbo recirculation valves
Variable valve train systems
Thermal management modules

EMISSION REDUCTION VACUUM SYSTEM OIL SYSTEM ACTUATORS COOLING SYSTEM & THERMAL MANAGEMENT AIR PATH AND BOOSTING

BRANDS

BUSINESS UNITS:

PISTONS AND PISTON RINGS

Engine blocks
Cylinder heads
Piston rings (Riken)

BEARINGS

Bearings
Castings
Large Bore Pistons
Small Bore Pistons

TRANSMISSION PARTS

Bearings
Cartridges
Battery trays
Cross members

LIGHTWEIGHT STRUCTURAL COMPONENTS

E-Mobility

COOLING SYSTEM & THERMAL MANAGEMENT

Pierburg
Kolbenschmidt
Rheinmetall Automotive

EMISSION EFFICIENCY E-MOBILITY

E-Mobility

Rheinmetall Automotive
SOLUTIONS FOR EMISSION REDUCTION, ELECTRIFICATION OF THE POWERTRAIN AND E-DRIVE SYSTEMS

- **EGR-modules**
  - HP
  - LP

- **EGR-valves**
  - HP
  - LP

- **Vacuum systems**
  - Mechanical
  - Electric

- **Cooling systems**
  - Mechanical
  - Electrical

- **Oil systems**
  - Mechanical
  - Electrical

- **Actuators**

- **Engine blocks & cylinder heads**

- **Bearings**
  - Flange
  - THR

- **Transmission parts**

- **Thermal management modules**

- **Transmission oil pumps**

- **Variable mechanical coolant pumps**

- **Electric vacuum pumps**

- **Variable oil pumps**

- **Vapor pumps**

- **Coolant valves**

- **Electric air chargers**

- **Exhaust gas flaps**

- **Actuators**
  - Turbo recirculation valves
  - Secondary-air systems

- **Acoustic exhaust flaps**

- **Throttle bodies**

- **Rheinmetall Automotive**

- **Brands**

- **Business units**
  - Passenger car
    - Aluminum pistons
    - Steel pistons
  - Commercial vehicle
    - Aluminum pistons
    - Steel pistons
  - Piston rings (Riken)
  - Cylinder heads
  - RSW Coating

- **PISTONS AND PISTON RINGS**
  - Hardparts
  - Mechatronics

- **BEARINGS**
  - Castings
  - Large Bore Pistons
  - Small Bore Pistons

- **Suitable for e-mobility**
  - Climate compressors
  - Battery pack
  - Shock towers

- **E-Mobility solutions**
  - Electric motors and gearboxes
  - Batteries
  - Battery trays
  - Cross members
  - E-motor housings

- **Rheinmetall Automotive**
  - Actuators
  - Automotive Emission Systems
  - Commercial Diesel Systems
  - Pump Technology
  - Gearbox solutions