Wherever gears and shafts turn, Timken innovation is in action. From equipment mining deep in the earth to exploration in the farthest reaches of the universe, from transmissions in helicopters to arms in robotic surgery suites and high-speed bullet trains.

We advance our customers and their products into the future by sharing our know-how, technology, experience and insights. Our core values – ethics and integrity, quality, innovation and independence – govern all that we do.

Inside is just a sampling of the ways Timken ingenuity strengthens the equipment that keeps our world in motion.
MINING AND CONSTRUCTION

From the most powerful tractors to the biggest mine trucks to the largest tunneling equipment on earth, our customers bring their greatest challenges to Timken. Our bearings and steel withstand the extreme conditions and resist corrosion in machinery probing deep into the ground.

TIMKEN INSURGENCY IS FOUND IN:
- DRILL RIGS – SHAKE SYSTEMS – CONVEYORS
- Haul Trucks – Shovels – HYDRAULIC HAMMERS
- BLAST HOLE DRILL STRINGS
OIL AND GAS

Timken® steel – among the cleanest and strongest in the world – frequently outlasts the lifespan of the applications in which it is used. Timken steel adds strength where it matters. Our knowledge of clean steel also serves as the material foundation for our bearings and components, used extensively in on- and off-shore drilling to extract oil and gas.

TIMKEN STEEL AND BEARINGS ARE FEATURED IN:

- MUD PUMPS AND MOTOR
- CROWN AND TRAVELING BLOCKS
- WIPSTOCK
- TOP DRILLING
- PUMP JOINTS
- ROTARY TABLES
- DRILLING JARS
- REFINERY AND PIPELINE SYSTEMS
- ON- AND OFF-SHORE DRILLING

www.bearing.sg
AEROSPACE

Each day, thousands of aircraft take flight with new and reconditioned Timken components and touch down safely on Timken® landing wheel bearings. In addition, our precision bearings guide robotic vehicles like the Mars Rover; satellites and space-exploration equipment.

Timken Ingenuity is Incorporated Into:
- transmissions - gearboxes - airfoils
- turbofan engines - rotorcraft assemblies
- turbine tubes - auxiliary power units
- linkages

www.bearing.sg
RAIL

Timken advances the modern rail and steel industry by engineering, supplying, and servicing fuel-efficient bearings that carry some of the heaviest loads, run at the fastest speeds and operate in the most demanding environments. We deliver power, speed and sustainability.

TIMKEN RAIL INNOVATIONS INCLUDE:
- *R*™ AND AP® BEARINGS
- ECOTURN® SEALS
- LOCOMOTIVE OVERSHAFTS
- TRACTION DRIVE GEAR
- SHREFIT™ MACHING RINGS

www.timken.com
POWER GENERATION

As high-speed or high-torque environments, our components and systems continually deliver superior performance and reliability. Whether testing and end-products enhance the process of energy production around the world.
AGRICULTURE AND FOOD PROCESSING

Timken is critical when it comes to planting, harvesting, processing and transporting food. Timken helps producers and processors meet the challenge with components that keep equipment running optimally. Our high-end stainless-steel and corrosion-resistant roller chains and ball bearing housed units are popular in the food and beverage and packaged goods sectors. From large, powerful augers to bucket conveyors, Timken products support many steps in feeding the world.

PRODUCTIVE

TIMKEN PRODUCTS RELIABLY PERFORM IN:

- PLANTING EQUIPMENT
- TRACTORS
- HARVESTERS
- CONVEYORS
- FOOD AND BEVERAGE OPERATIONS
- RAIL SYSTEMS
CRITICAL MOTION

Recision is critical in achieving perfection. Our bearings are created to ensure machines are impact but offer big impact in terms of reliability in high-speed environments. Machine tool designers around the world rely on Timken engineers to create bearings and assemblies that substantiate trust and provide high-value solutions per industry needs. Achieving that goal is the finish line in high-precision requirements.

Timken Designs Employed In: 
- Gearboxes
- Aircraft
- Military Head
- Critical VE Machines
- Pivots
- Hubs
METAL MAKING

We custom design some of the cleanest steel in the world, strengthening performance in the diverse applications where our steel serves metal makers. Timken® specialty steel reflects leading metallurgical and application knowledge as well as our desire to continuously improve product durability while reducing ownership costs. Beyond our own steelmaking, we also support the metals industry with bearings and systems that enhance production output.

TIMKEN STEEL AND BEARINGS WORK HARD IN:

- METAL CASSETTE OPERATIONS
- TABLE ROLLERS
- FLAT AND LONG PRODUCT ROLLING MILLS
- GEARS
- CASTERS
- PROFILERS
- SLITTERS
TRANSPORTATION

Automotive and heavy-duty truck customers trust Timken to extend reliability, durability and performance – whether transporting people or hauling cargo. In heavy-duty applications, our tapered roller bearings last seven times longer than major competitive products. Vehicle designers rely on Timken ingenuity for their new model designs while automotive service technicians trust Timken product quality and aftermarket support.

TIMKEN INNOVATION INCLUDED IN:

- HUB UNITS — FUEL-EFFICIENT HUB REAR BEARINGS 
  — DRIVE PRODUCTS AND SERVICES
- MULMEM™ MATCHED BEARING SETS — SET-RIGHT™ HEAVY DUTY KITS
- WHEEL END AND POWER TRANSMISSION COMPONENTS AND SYSTEMS
- MOTION SENSOR SYSTEMS
RENEWABLE ENERGY

Collaborating with customers around the world, we support new technologies that focus on economically viable and scalable alternative energy. We partner with those who engineer, build, operate and service the emerging industry, providing products and diagnostics to help protect customers’ investments and keep equipment running longer.

OUR TECHNOLOGY IS INTEGRATED INTO:
- MODULAR WIND TURBINES
- DIRECT DRIVE WIND TURBINES
- HYBRID WIND TURBINES
- LOW HEAD HYDRO POWERED DAMS
OUR GLOBAL TEAM

In every market we serve, the true strength of Timken shows in the knowledge, experience and responsiveness of our more than 19,000 employees. They are the idea-generation — the experts our customers turn to for answers to challenging questions. Our culture embraces our core values — ethics and integrity, quality, innovation and independence — and we share these values with one another, our customers and the communities where we live.

Our work environment fosters personal and professional growth. We employ people with diverse cultural, educational and philosophical backgrounds, enriching creativity and providing broad perspectives for problem-solving.

We develop through our global talent management process, which includes educational and training opportunities that help us achieve our personal and professional goals. Our associates and charitable trust invest in the communities in which we live, enriching quality of life, promoting educational opportunities and fostering economic growth.
2013 SALES
$4.3 BILLION

TOTAL NUMBER
OF EMPLOYEES
WORLDWIDE
19,000

FINANCIAL SUMMARY
(Dollars in millions, except per share data)

2013
Net sales $4,341.2
Gross Profit 1,092.0
Net income attributable to The Timken Company 262.7
Diluted earnings per share $2.74
Dividends per share 0.92
Return on Sales 6.1%

2012
$4,987.0
1,366.3
495.5
$5.07
0.92
9.9%

Paid 366TH Consecutive quarterly dividend in 2013

Since listed on the New York Stock Exchange

Sales offices, Technology and Engineering Centers, and Warehouses, Services and Distribution Centers located in 28 countries on 6 continents.
WHEREVER YOU ARE, WE ARE.
MOBILE INDUSTRIES
Timken offers rugged solutions that maximize performance, fuel efficiency, reliability and equipment life. We produce bearings and bearing assemblies; power transmission components; engineered chain and augers; and related products and services.

Our products are found in:
- Agricultural equipment such as farm tractors and combines;
- Mining equipment, such as longwall shearsers, draglines, shovels and continuous miners;
- Construction equipment, such as loaders, excavators, compactors and crawler dozers;
- Railcars and locomotives, such as freight and passenger cars and high-speed rail systems; and
- Automotive Products for commercial vehicles, light trucks and passenger cars.

PROCESS INDUSTRIES
Our capabilities in application and service engineering, as well as our knowledge of materials science, combine to deliver solutions in process industries. We offer industrial bearings and assemblies; power transmission equipment; couplings; seals; lubricants; chains; component and bearing repair; condition monitoring; reliability services and gearbox repair.

Our products are found in:
- Cement and aggregate equipment, such as cement crushers, conveyors and screens;
- Power generation, such as wind-energy turbines and coal crushers;
- Food and beverage industries in food-processing systems;
- Oil and gas equipment, such as pumps and compressors;
- Pulp and paper industry equipment, such as paper mills; and
- Metals industries, such as casters and rolling mills.

AEROSPACE
Our product portfolio includes helicopter transmissions, rotor-head assemblies, bearings, turbine-engine components, and gears and housings. We also provide a wide range of aftermarket products and services, including complete engine overhaul, bearing repair, component reconditioning and replacement parts.

Our products are found in:
- Civil and military aircraft transmission systems, landing gear and instrumentation;
- Spacecraft and robotic vehicles, such as the newest Mars Rover;
- Medical and health equipment, such as medical imaging equipment; and
- Machine tools.

STEEL
Timken produces custom alloy steels that are considered among the highest-quality, highest-performing air-melted products in the world. We tailor every order to customer specifications, serving customers worldwide by producing carbon, micro-alloy and alloy steels in the form of specialty bar, seamless tubing, value-add components, billets and bottom-poured ingots.

Our steel is found in:
- Bearing races and rolling elements;
- Stator tubes;
- Heavyweight drill pipe;
- Wind energy gears and shafts;
- Axes and crankshafts;
- Bushings and forgings; and
- Gears and hubs.