



Giant Machinery Suppliers



Company	Krones	KHS	Sidel	GEA	Tetra Pak	SIG Combibloc	Pentair
Group affiliation		The company is a wholly owned subsidiary of the Salzgitter Group.	Tetra Laval Group		Tetra Laval Group	SIG Combibloc is part of the New Zealand based Rank Group	
Foundation	1951	1993 as a result of a merger involving Holstein & Kappert AG, Dortmund (founded in 1868) and Seitz-Werke GmbH in Bad Kreuznach, later SEN AG (founded in 1887)	1965 in Le Havre Milestones: 1995 – Alfa (Mantua, Italy) joins Simonazzi; 1996 – Sidel acquires Cermex (Dion, France); 1997 – Sidel acquires Gebo (Strasbourg, France); 2003 – Sidel joins the Tetra Laval Group; 2005 – Tetra Laval acquires Simonazzi; Sidel and Simonazzi merge and found the new Sidel Group; 2010 – Sidel relocates its headquarters from France to Switzerland, where the Tetra Laval Group and group sister company Tetra Pak are already headquartered	1881 – Founding of Metallgesellschaft AG (MG) in Frankfurt/Main as a metals trading company, 1920 – Foundation of GEA, a company producing dedusting equipment, 1991 – 95 Intense acquisition activity in GEA, including Grasso, Niro, Westfalia Separator and Tuchenhagen as experts with a long history in food and beverage industries, 1999 – MG acquires GEA AG, 2005 – Renaming of MG Technologies AG (former MG) as GEA Group Aktiengesellschaft, 2006 – Acquisition of Huppmann, 2007 – Acquisition of Procamac, 2014 – Disinvestment of Heat Exchanger business, 2015 – New organizational structure with a single point of contact for customers	1951 in Lund/Sweden	The story of the Schweizerische Industrie Gesellschaft (SIG) starts in 1853 with the manufacture of railway cars, and encompasses weapons technology, tool design and construction, and manufacturing systems engineering, culminating in the present-day production of packaging and filling machines. The history of the SIG Combibloc beverage carton is only a few years younger, and dates back to the invention of 'Perga', Europe's first beverage carton. In 1989, ownership of the German packaging company is transferred to SIG Holding AG in Neuhausen am Rheinfall, and in 1998 the company is rebranded to SIG Combibloc. In 2007, SIG was taken over by the Rank Group, New Zealand. Since 2015, SIG has been part of the Canadian-based private equity company Onex Corporation.	Pentair was founded in 1966 in the United States as a vision-driven company, grounded in the practical application of the best available ideas. Many of the acquired businesses and their products have a rich history that dates back more than 150 years. Today, Pentair's 28,000 employees design, manufacture and market industrial products sold on all seven continents. Driven by a purpose of improving people's lives around the world, our solutions help customers manage water, maximize energy processes, and produce more food sustainably, while protecting people and the environment.
Headquarters/Head Office	Neutraubling/Germany	Dortmund/Germany	Hünenberg/Switzerland	Düsseldorf/Germany	Pully/Switzerland	Neuhausen am Rheinfall/Switzerland	Incorporated in Ireland, centrally managed in the U.K., with main U.S. offices in Minneapolis, Minnesota
Employees	13346 (+ 5.4 %, as of 12/31/2015)	4871 (+ 4.1 % as of 2015)	5395 (– 1.2 %, as of December 2015)	17533 (– 4.0 %, as of 12/31/2015)	23580 (+ 0.5 %, as of December 2015)	5 000+	27 600 (- 8.7 %, as of 12/31/2015)
Production sites	5 (all of them in Germany)	11 (5 of them in Germany)	26 in 13 countries	approx. 70 worldwide	Owned & operated production plants: 42 thereof: Factories for machine assembly: 5 Production plants for packaging material and closures: 37	10	100+ manufacturing facilities; 60+ service centers worldwide
Production locations	Neutraubling, Freising, Rosenheim, Flensburg, Nittenau	Germany (Dortmund, Bad Kreuznach, Hamburg, Worms, Kleve), Brazil (São Paulo), USA (Waukesha, Sarasota), Mexico (Zinacantan), India (Ahmedabad), China (Suzhou)	France, Italy, Portugal, Brazil, Canada, Chile, Philippines, USA, India, Malaysia, China, Mexico, Sweden 5 production facilities for technical and conceptual drawings: Le Havre, France; Atlanta, USA; Shanghai, China; Guardalajara, Mexico; São Paulo, Brazil	Germany: e.g. Büchen, Ettlingen, Kitzingen, Niederahr, Oelde, Wallau International: e.g. Sala Baganza (Italy); Châteaui-Thierry (France); Vadodara (India); WuQing (China); York (USA)	worldwide	Germany (Linnich, Wittenberg); Austria (Saalfelden); Switzerland (Neuhausen); China (Suzhou); Saudi Arabia (Riyadh); Thailand (Rayong); Brazil (Campo Largo); New Zealand (Whakatane)	
Brands and fields of activities	Krones The Krones Group, headquartered in Neutraubling, Germany, plans, develops and manufactures machines and complete lines for the beverage industry. Furthermore the company conducts business in the food and luxury-goods industries, plus the chemical, cosmetics and pharmaceutical sectors. The Krones' product portfolio covers the high, middle and low output range. Stretch blow-moulding technology, Filling and closing technology, Aseptic filling, Labeling, direct printing and dressing technology, Inspection and monitoring technology, Cleaning technology, rinsers, pasteurizers, Packing and palletizing technology, Conveyor technology, Systems engineering, Process technology, Brewing technology (Steinecker), Information technology, PET recycling plants, Factory planning, Valve technology and pump production, Intralogistics, Homogenizers, Consumables, Pre-owned machines, Engineering, Lifecycle Service	KHS The company is an international manufacturer of filling and packaging systems for the beverage, food and non-food industries. Fields of activities: Sanitizing technology, Pasteurizing technology, Inspection technology, Labeling technology, Conveying technology, Packaging technology, Process technology, Filling, rinsing and capping/seaming technology, Aseptic technology, Flash pasteurizers, Keg technology, Palletizing technology, Stretch blow molding technology, Barrier technology, Turnkey lines, Factory planning, Technical support, Intralogistics, IT systems	Sidel As one of three Tetra Laval divisions, the Sidel Group activities cover the three major categories of packaging: – glass bottles (disposable and returnable) – plastic bottles (PET, HDPE, PP) – metal cans Equipment: Sidel Matrix; Complete lines; Dry preform decontamination; Blowing-filling-capping system; Blowing, Filling, Labeling, end of line solutions The company has installed more than 30 000 machines in over 190 countries.	GEA – Brewhouse and Cold Process Solutions, Process Automation and Utilities, Processing Units, Sustainable Solutions, Blowing, Filling and Packaging Solutions, Service Complete brewhouses; technology for the cold process area; CIP systems; refrigeration plants and CO ₂ recovery plants; process control and automation systems; process components: separators; decanters; filtration units; valves; pumps; in-line connections; evaporators; distillers; vacuum systems; gas scrubbers; complete greenfield projects; filling and packaging lines	Tetra Pak The company is specialised in complete solutions for processing, packaging and distribution of food products. The products are divided into several different categories: – Packages – Processing equipment – Filling machines – Distribution equipment – Service products The Tetra Pak range of packaging systems compares ten alternatives: Tetra Brik, Tetra Classic, Tetra Evero, Tetra Fino, Tetra Gemina, Tetra Prisma, Tetra Recart, Tetra Rex, Tetra Top, Tetra Wedge Number of liters of products sold in Tetra Pak packages in 2015 (billion): 78.2 Number of Tetra Pak packages sold in 2015 (billion): 184	SIG Combibloc is one of the world's leading system suppliers of carton packaging and filling machines for beverages and food. The company supplies complete systems including both the packaging material and the corresponding filling machines. <i>Packaging Portfolio:</i> combibloc/combifit, combiblocEcoPlus, combidome, drinksplus, combisafe <i>Product Segments:</i> milk and dairy products, juices, nectars, fruit juice drinks, iced tea, wellness-drinks; wine; baby food; drinks+ products with natural pieces like fruit bits or cereal grains; soups, sauces, tomato products, ready meals, fruits, vegetables, desserts	Pentair plc delivers industry-leading products, services and solutions for its customers' diverse needs in water and other fluids, thermal management and equipment protection. Selection of brands that serve the Food & Beverage Industries: Pentair Haffmans: Quality control equipment, microfiltration, CO ₂ systems for the brewing, soft drink, wine, bioethanol and biogas industries Pentair Südmö: Stainless steel sanitary & aseptic valves and fittings, valve manifolds, hygienic pumps, prefabricated units, and turnkey projects for food, dairy, beverage, pharmaceutical, chemical and cosmetic processes Pentair Beverage Filtration Solutions: DE-free beer membrane filtration, standardized units, turnkey projects, complete cold block processing Pentair X-Flow: Membranes, modules & systems for filtration, separation, concentration and purification processes of water and wastewater for industries and municipalities
Sales and service subsidiaries worldwide	7 spare parts/service centers (Germany, USA, Brazil, China, South Africa, Thailand, Russia);	More than 60 service and distribution points	Countries served: >190 Industrial subsidiaries: 12; offices: 50; Research centers: 8; Packaging & Tooling Centers: 7; Training Centers: 8; Distribution centers: 9	At country level, operational sales and service activities are brought together into one organization. 45 country organizations in more than 100 countries offer the entire range of GEA products and services and are the central point for customer contact.	Countries served: >175 R & D units: 7 Sales offices: 80 Market companies: 32 Technical training centers: 11	Sales: in more than 40 countries Technical service: in more than 40 countries Training centers: 5	Worldwide network of sales and service offices, and distributors
Total turnover 2015	3 173.5 m euros (+ 7.5 %)	1 172 m euros (+ 8.1 %)	1 410 m euros (+ 1.3 %)	4 599.3 m euros (+ 1.9 %)	11 865 m euros (+ 7.0 %)	1 721 m euros (+ 5.3 %)	6 449 m US \$ (– 9.1 %)
Turnover according to regions 2015	12.0 % Germany, 23.9 % Europe (without Germany), 64.1 % Rest of world	26 % America, 32 % Europe/CIS, 28 % Asia/Australia, 14 % Middle East/Africa	19 % North America; 16 % Latin America; 25 % Europe & Central Asia; 17 % Greater Middle East & Africa; 7 % Greater China; 16 % South East Asia & Pacific (equipment order intake)	24.8 % Asia-Pacific; 19.9 % DACH & Eastern Europe; 16.4 % Western Europe, Middle East & Africa; 14.8 % Northern & Central Europe; 6.0 % Latin America; 18.2 % Northern America	27 % North, Central & South America; 28 % Europe & Central Asia; 13 % Greater Middle East & Africa; 16 % Greater China; 16 % South Asia, East Asia & Oceania	not specified	54 % USA & Canada; 22 % Fast Growth Regions; 18 % Western Europe; 6 % Other developed
Turnover according to product groups/sectors 2015	34.8 % alcoholic beverages, 54.3 % nonalcoholic beverages, 10.9 % food, chemicals, pharmaceuticals, cosmetics	not specified	Split of equipment order intake by market segment: 11 % Carbonated Soft Drinks; 36 % Water; 24 % Beer & Alcohol; 15 % Juices, Nectars, Soft Drinks, Isotonics & Teas; 3 % Liquid Dairy Products; 11 % Food, Home and Personal Care	Beverages: 13 %; Dairy Farming: 14 %; Dairy Processing: 23 %; Food: 22 %; Pharma /Chemical: 12 %; Other: 16 %	of 78 200 million liters of products: 63 % liquid dairy products, 16 % juices & nectars; 8 % still drinks; 5 % dairy alternatives; 5 % food; 3 % wine and spirits	not specified	Sales by verticals: 30 % Residential & Commercial; 27 % Industrial; 25 % Energy; 10 % Food & Beverage; 8 % Infrastructure
Turnover distribution – product ranges/segments 2015	85.3 % machines and lines for product filling and decoration 11.3 % machines and lines for beverage production/process technology 3.4 % machines and lines for the low output range (Kosme, Gerpep)	not specified	not specified	Business Area Equipment: 48.4 % Business Area Solutions: 51.6 %	not specified	not specified	Sales by segments: 29 % Valves & Controls; 22 % Flow & Filtration Solutions; 21 % Water Quality Systems; 28 % Technical Solutions
Internet	www.krones.com	www.khs.com	www.sidel.com	www.gea.com	www.tetrapak.com	www.sig.biz	www.foodandbeverage.pentair.com; www.pentair.com

Source: Verlag W. Sachon

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