



# Hadaikan Ltd.

# Sinus Ltd.

**Line of Business**  
Automotive Equipment  
& Systems

**H**adaikan Metal Works Ltd© is the leading company in Israel which manufactures automotive Spare parts for: Passenger, Commercial, Military and Agricultural vehicles. Hadaikan® was established in 1941 and has traditionally maintained high-quality Manufacturing standards to meet customers demands for Top quality components.

### Quality Control

Quality control is carried out starting with the inspection of raw materials throughout all the stages of production to final inspection. We comply today with: ISO 9002 MIL-STD-45662 and 1-45208A. To facilitate the foregoing the most up-to-date inspection equipment is used and highly skilled personnel are employed.



### Main Products

Hadaikan® main Products are:  
Tie Rod End, Ball Joint, Drag Link, Brake Drums, Brake Rotors, Hubs, Axels, Sectors, King Pins, Exhaust Manifolds, Propeller Shaft, Linnars, Studs, Engine Valves, all Kinds Of Fire Extinguishers.

### Product Line

The Hadaikan® products line serves vehicles as hereunder:

- American and other Passengers Cars
- Forklifts
- Military Vehicles
- Buses
- Trucks
- Tractors
- Jeeps

### Technology

The technology used in production includes upsetting, hot forging, C.N.C, turning and milling, Thread rolling, grinding with and without centers, induction harding.

Hadaikan® uses an high technology computer system for its products.

Our computers system designs the requested item and send the files to production.

### Flexibility

Hadaikan® is large enough to meet the requirements of a major client, yet flexible enough to respond quickly and accurately to special orders for medium and smaller quantities.

**S**INUS LTD. is a factory with 29 years experience in producing internal Combustion engine vales.

Our valves are manufactured utilizing the most advanced technology available and the entire production, from the receipt of the raw materials and up to the actual shipment to the customer, is done at our factory at Kibbutz Massada. SINUS is composed of the following departments: upsetting and forging, thermal treatment, machining (turning and grinding with a special-purpose machine,) friction welding, including a machine for checking and inspecting for 100% quality (bi-metal,) stellite welding (PTA plasma transfer arc,) and chrome plating. This means that we are capable of answering any valve requirement, be it for passenger cars, trucks, industrial engines tractors, etc.

Our raw materials are imported from Europe and the United States from the leading factories in their fields and from which we purchase only the finest steel for producing our valves.

Our quality control department uses strict standards, that is, those required by the American O.E.M, the Israel Defense Forces, United States Army, high performance industries, and the Israel Institute of standards.

Presently, SINUS manufactures approximately 900 part numbers for small and medium batches for the following:

- High performance racing cars for the American and European market.
- Motorcycles - American and Japanese.
- A very wide range of heavy duty trucks for American and European types.
- Tractors - American and European.
- Industrial engines.
- A wide range of American, European and Japanese cars.
- Special valves for tank engines and military vehicles.

The size limit of the valves is 62-mm head diameter, 16-mm stem diameter and 250-mm length.

Our main clients are in the United States, Mexico, Germany, England, Hungary, Sweden and Finland. SINUS annual production capacity at present is approximately 1,000,000 units.

Production time from receipt of an order and its conformation by the factory is approximately 60-90 days (in case of emergency, 2 weeks.)



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