



"Your Heat Treatment Partner in Turkey"

Hardening & Tempering
Carbonitriding Normalizing

Aging
Carburizing
Corr-i-dur®
ARCOR®

Nitriding / Nitrocarburizing
Stress Relieving

Vacuum Brazing

Isothermal Annealing

Induction Hardening
Vacuum Hardening



Bodycote
ISTAS

BODYCOTE in the World

Founded by the Bodycote family in the early 1900's, the company has developed through organic growth and a series of strategic acquisitions to become the international leader in thermal processing, employing over 5000 employees at more than 190 locations in 26 Countries worldwide.

As a truly global provider of subcontract thermal processing services, Bodycote is able to offer a significant advantage to its customers. Through an international network of plants, Bodycote utilises a wealth of knowledge, experience and specialist expertise to deliver quality service when and where it's needed.

Bodycote's thermal processing services are comprised of a number of core technologies, which include heat treatments, metal joining, hot isostatic pressing and surface technology.

The global network operates with customers benefitting from Bodycote's comprehensive range of services from multiple locations. Customers know that if their business expands, Bodycote has the capability to meet their needs. The same process at the same quality standards can be obtained from multiple locations.

Bodycote serves the aerospace defence and energy markets' global demands through coordinated facilities attuned to their specific needs. Automotive and general industrial clients are serviced with a focus on locality, convenience and flexibility.

BODYCOTE ISTAŞ in Turkey

As of 2006, Bodycote PLC established a joint venture with ISTAŞ in Turkey which is operating in three important industrial regions : **Gebze, Izmir and Bursa**

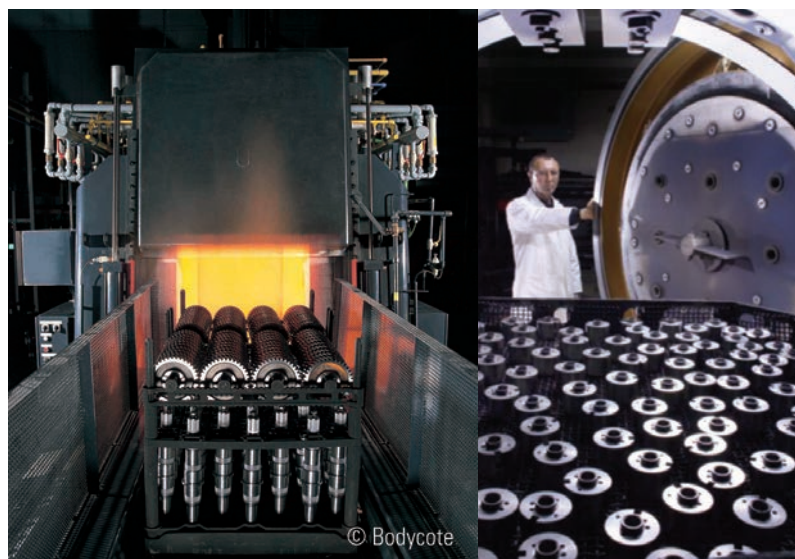
Our Plants are serving whole range of heat treatment processes with highest quality, reliability and fastest delivery to our customers especially in Automotive, Aerospace & Defence, Agricultural & Construction Machinery, Machine Building, Tooling, Medical and General Industrial sectors in Turkey.

With our hi-tech and high capacity heat treatment equipments in our plants, we serve whole range of heat treatment processes by our experienced human resources.



Our Heat Treatment Services

Heat Treatment	GEBZE	BURSA	İZMİR
Vacuum Hardening	✓	✓	✓
Vacuum Aging	✓	✓	✓
Vacuum Brazing	✓		
CORR-I-DUR ®	✓		
ARCOR ®		✓	
Nitriding / Nitrocarburizing	✓	✓	
Carbonitriding	✓	✓	✓
Carburizing	✓	✓	✓
Hardening & Tempering	✓	✓	✓
Normalizing	✓	✓	✓
Isothermal Annealing	✓	✓	✓
Stress Relieving	✓	✓	✓
Induction Hardening	✓	✓	✓

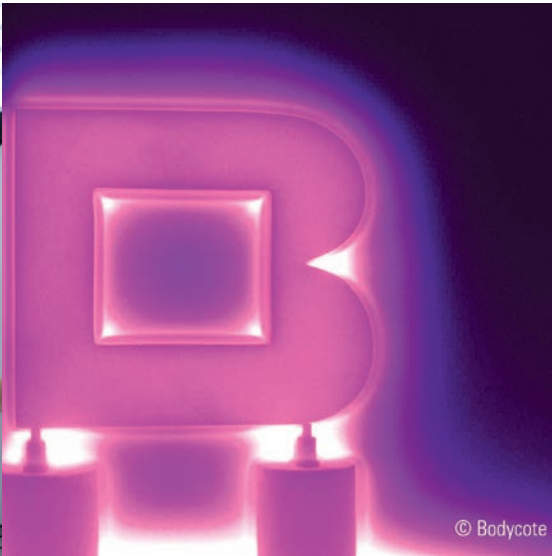


Our Heat Treatment Equipments

Equipments	Application	GEBZE	BURSA	İZMİR
Atmosphere controlled sealed quench (batch) furnaces	-Automotive parts/components (suspension, steering, clutch, brake systems parts etc.) -Engine gears, pinions, axles, shafts -Reductor gears and shafts -Bearing parts -Machine parts -Agricultural machine and equipments parts -Holder and Cutting tools parts -Cutting/Bending molds -Various machine and molding parts	✓	✓	✓
Mesh Belt (continuous) furnaces	-Washer, shim, spacer, ring and clips - Small pins - Thin, small / sensitive sheet metal mechanism parts		✓	
Rotary furnace	- Various small / sensitive fasteners			
Vacuum furnaces	-Sheet metal cutting / bending / folding molds - Metal spinning molds - Injection moldings - Pins and bushes for molds - Extrusion moldings - Injection machine sleeve and spindles - Sensitive automotive parts - Aerospace & Defence industry parts - Medical & Food industry parts	✓	✓	✓
Induction hardening machines	-Automotive parts (clutch springs, rod/ball joints and pins, axles and shafts) -Various sized gears, pulleys and drums -Local hardening required parts for cutting/bending parts -Various machine parts -Hand tools	✓	✓	✓
CORR-I-DUR® (gas nitrocarburizing) furnace	-Automotive parts (brake pistons and servo shafts, gear shift fork shafts, differential shafts, gas spring shafts, ball joints and pins, engine valves, toothed rack gears and pinions, windscreen wiper shafts, joint/knuckles, seat guides)	✓		
ARCOR® (salt nitriding) furnace	-Hydraulics parts (pump shafts, pistons, valves) -Tooling/Molding parts (various forming molds, injection and extrusion molding parts) -Machine/sensitive mechanism parts (pins, fasteners, brackets, bearing guides, pulleys, bushes)		✓	

Integrated to Bodycote PLC’s Quality Management Policies and complying to Quality Management System certifications (AS9100C in Gebze and TS16949 in Izmir and Bursa), our plants provide high quality heat treatment services to our customers.

Please contact us about further detailed information for your all heat treatment demands..



**Bodycote İstaş – Gebze**

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