

Services & Solutions



Service – when and where you need it.



Technologies · Systems · Solutions

Services & Solutions – Worldwide Local Support



Dürr is a strong supplier to the global automotive and other vital industries. Within Services & Solutions we offer complete support in repair, maintenance, spare parts management and plant modernization.

Due to the permanent extension and intensification of our offerings within the area of “Services & Solutions”, we are nowadays the chosen partner of our worldwide customers in the overall industry.

Customer benefits of Dürr Services & Solutions

- Increase in plant availability for production
- Increase in plant overall operating efficiency
- Extension of useful lifetime
- Legal and environmental conformity
- Rapid response in an emergency
- Technical support / partnership at plant level
- Secured information for investment planning

Worldwide Local Customer Support


With presence in 21 countries we are near to our customers and can offer globally plant service, service contracts or 'man in plant Antennas' to help our customers to reduce production expenses or increase plant availability.

Services & Solutions – The Key to Success

- Spare Parts & Repairs
- Maintenance
- Modifications Upgrades
- Seminars & Training



Our experts

are available at any time. In case of an emergency or in addition to planning and consulting for retrofit projects – our competent service teams are at your disposal everywhere around the globe. 

Our experience

takes us everywhere. Dürr is committed to giving support when and where it's needed – in addition to our local subsidiaries in many countries we offer support through 40 service antennas located in our customers' plants or near to them. 

Our references

Thanks to the consistent expansion of our portfolio, we are today the Service partner of our international customers in the industry.

- Project sizes from very small scale to million \$ revamps
- Summer & winter shutdown activities
- Worldwide activities with significant shares in all regions
- Full support of all of Dürr's products
- Spare parts supply and management
- Training and service contracts

Service – when and where you need it.

Services & Solutions – Overall Service Offering



*Paint and Final
Assembly Systems*



Application Technology



*Environmental and
Energy Systems*



*Factory Assembly
Systems*

- **Spare Parts** First class spare parts delivery
- **Parts Repair** Your defective part requires repair? We're at your service!
- **Launch Management** Professional support for ramp-up of your production
- **Upgrades & System Enhancements** We help you to keep installations up-to-date, to cater for production needs of today!
- **Technical Services** Support of maintenance, inspection, troubleshooting
- **Training** State-of-the-art training keeps your personnel at the head of time
- **Decommissioning and Relocation** Experts, whenever you need to relocate your installation
- **Antenna** Permanent support at your site, offering quick response times and assistance around the clock
- **Modification** Whenever your production needs change, we're ready to adjust your installation
- **Plant Assessments** Audit of your plant performance, to identify potentials for energy-savings, up-time requirements and overall efficiency gains
- **Service Contracts** Maintenance and hotline contracts to individually cater for your service needs
- **Consulting** We're experts when it comes to production optimization consulting, production assistance, trials, etc.
- **CFD Simulations** We simulate processes and equipment for plant upgrades, enhancements and quality improvements

Services & Solutions – Application Services

EcoBell ICC

- Atomizer with integrated color changer that can handle up to six basecoat colors
- For use with either direct or external charging
- Upgrade of a 9 bell ESTA with external charge

→ Customer Benefits

- Significantly reduced paint loss during color change
 - Savings: 5000 l paint/year
- Reduced cycle time for pre-painting and purging
 - 150 painted bodies more per day
- Significantly reduced solvent consumption



EcoBell 2HD

- Retrofit from *EcoBell2* to *EcoBell2 HD* with bell disk D40 mm and new shaping air ring
- Retrofit of the 2 interior painting stations with a total of 8 *EcoRP7* robots

→ Customer Benefits

- Increase in transfer efficiency (TE)
 - Up to 20% paint saving
 - 21 000 kg less solvent load/year
- Lower cleaning expenditure
 - 50% reduction of the cleaning intervals
- Variation of the fan pattern width of 50–200 mm



EcoBell Cleaner D

- Refitting of 10 *EcoRP 6* equipped with rotary atomizers: Installation of 1 *EcoBell Cleaner D* per robot

→ Customer Benefits

- Reduction of cleaning time from 40 min/shift to 10 min/shift
- Increased production capacity
 - 120–180 bumpers more painted per day
- No dirt entry into the booth by cleaning personnel
- Constant good cleaning result through automatic cleaning



Service – when and where you need it.

Services & Solutions – Plant Services



EcoMultiCyclone

- Efficient solution for filtration of large particles from PT-process tank
- Recoverage of process liquid from cyclone purge (*EcoFilterBand*)

→ Customer Benefits

- Cost reduction in manual rework
- Reduced operating costs by:
 - Recovery of process solution
 - Increase of bag filter life time
- Continuous or cyclic purging of large solids

Ecopaint Oven Ventilation-System



- Improving the air flow around the car body
- Modification of ventilation system
- Optional, if required: *EcoAirseal* with *EcoHotBox* FB (Fresh air)

→ Customer Benefits

- Temperature curve meets process demand hence energy saving
- Less contamination results in:
 - Less rework
 - Reduction of man-power
- Best heat transfer by optimized designed airflow

Modular Chain Conveyor



- For existing cross, buffer and suspension belt conveyors
- Replace rubber belts and drive drums with plastic modular chains, square shafts and plastic toothed wheels

→ Customer Benefits

- Cheaper than suspension belt
- No lubrication required
- No endless connection of belts necessary on site
- Reduction of spare parts
- Savings on lifecycle costs

Services & Solutions – Environmental and Energy Services

Heat Exchangers

- Adaptation of your RTO-plant to new operating conditions
- Upgrade from random packed saddle type ceramic media to monolith structured ceramic heat exchange media

→ Customer Benefits

- Saving of energy (gas and electricity)
- Increase of volume with equal plant possible
- Lower loss of pressure



TARCOM IV Multistage Burner (TAR)

- TARCOM IV burner, suitable for all gas burners

→ Customer Benefits

- Reduced gas consumption
- Longer life
- Δ Temperature reduction approx. 20°C
- State-of-the-art burners



Energy Management

- We're experts when it comes to consulting and optimizing your production plants
- Energy management and plant optimization
- Identification of the actual state of your plant

→ Customer Benefits

- Energy cost savings
- Lower operating costs
- State-of-the-art plants
- Ideal plant performance
- Exchange of information



Service – when and where you need it.

Services & Solutions – Your Benefits

- First class service solutions
- Maximizing efficiency and minimizing operating costs
- Full-service revamp solutions
- Superior maintenance, repair and troubleshooting
- Innovative engineering and worldwide experience
- Close to our customers – worldwide
- Competent solutions to reduce energy consumption

www.durr.com



Technologies · Systems · Solutions