

REFERENCE LIST

SELECTION OF COMPLETE TECHNOLOGY SUPPLIES
FOR INDUSTRIAL SURFACE TREATMENTS

Bystřice nad Pernštejnem, 6. 6. 2023

MEGA  **TEC**

LETOVICKÉ STROJÍRNY

- An important Czech mechanical engineering company
- Complete delivery of E-Coat stage
- Implementation of the contract in 2005
- Line capacity: 430,000 m² / year
- Maximum product dimensions: 4,000 × 2,000 × 2,000 mm
- Tact time: 8 min



Doosan Bobcat EMEA

- A global manufacturer of construction machinery
- Complete delivery of E-Coat bath including accessories
- Implementation of the contract in 2007
- Volume of the cathaphoretic bath: 110 m³



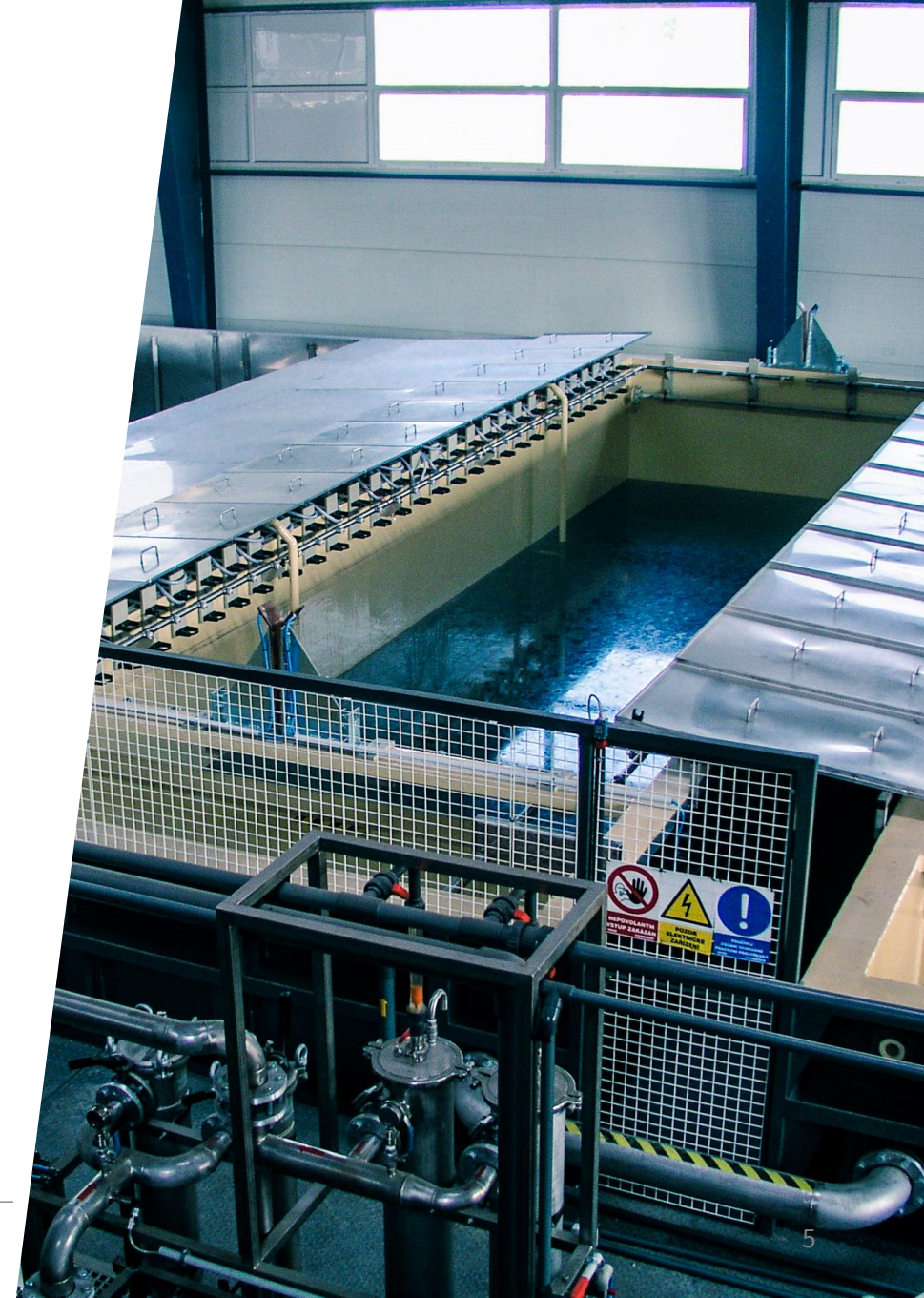
G.J. Industrial

- Complete delivery of E-Coat bath including accessories
- Implementation of the contract in 2009
- Volume of the cathaphoretic bath: 27 m³



KEREX

- An important European manufacturer of transportation and container systems from Slovakia
- Complete delivery of E-Coat stage
- Implementation of the contract in 2010
- Volume of the cathaphoretic bath: 145 m³
- Maximum one tact surface: 200 m²
- Maximum product dimensions: 10.3 × 3.6 × 3.9 m
- Tact time: 60 min



APP Nymburk CZ

- An important Czech jobcoater for the automotive industry
- Complete delivery of complete E-Coat paint shop
- Implementation of the contract in 2013
- Line capacity: 2,500,000 – 3,000,000 m² / year (3 shifts)
- Maximum product dimensions: 3,500 × 1,500 × 2,500 mm
- Tact time: 8 min



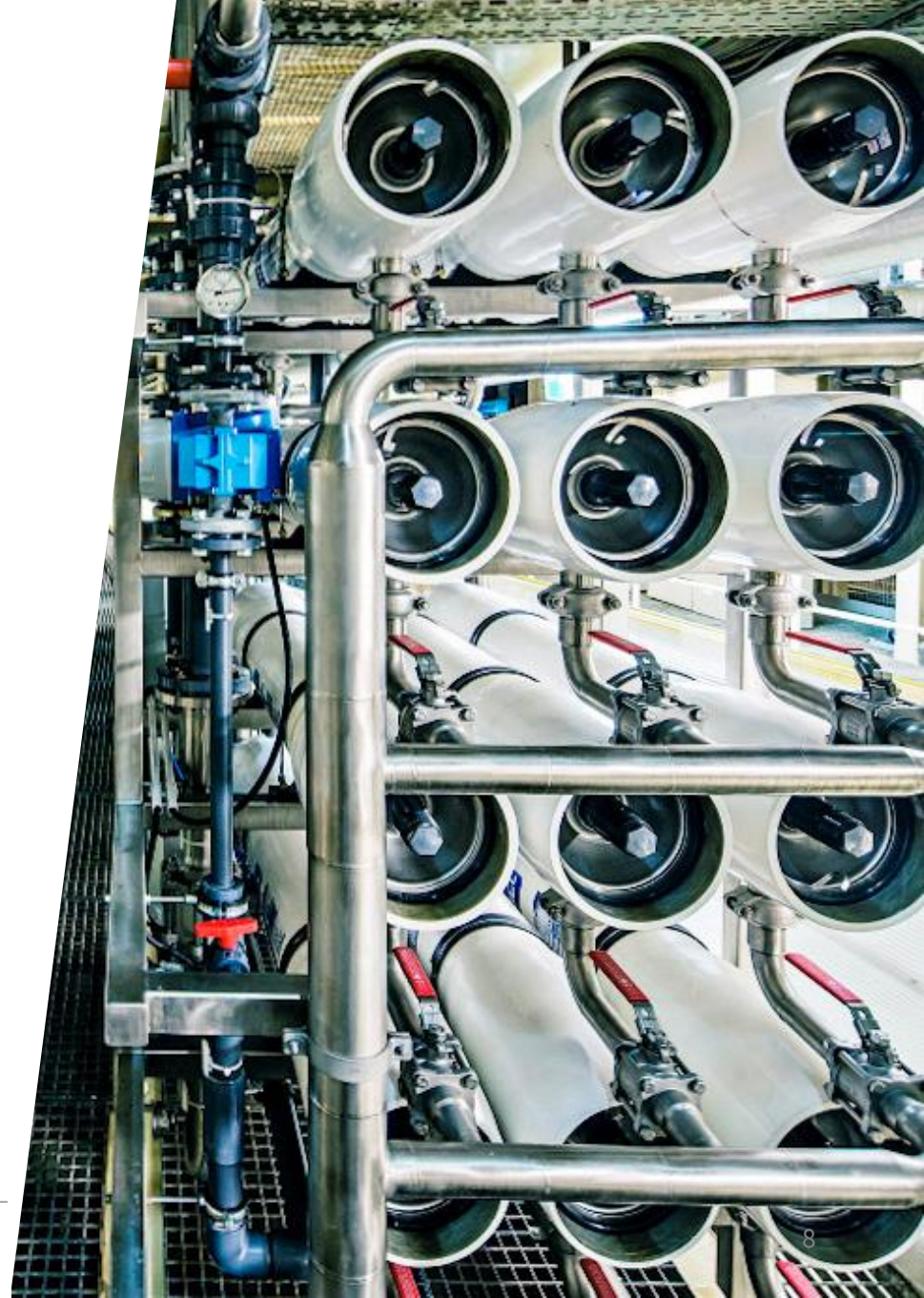
KYB CHITA Manufacturing

- The world's largest manufacturer of car shock absorbers and springs
- Complete powder line including neutralization station
- Implementation of the contract in 2013
- Line capacity: 1,500,000 – 2,000,000 pcs / year (2 shifts)
- Product dimensions: 1,300 × 500 mm
- Conveyor speed: 1.4 – 1.8 m / min



ŠKODA AUTO

- A major global automobile manufacturer, part of the VW Group
- Complete rebuilding of the ultrafiltration unit at the main body EC paint shop in Mladá Boleslav
- Installation of reverse osmosis to save rinsing medium
- Implementation of the contracts in 2014–2016



KYB Manufacturing

- Global manufacturer of shock absorbers for the automotive industry
- Delivery of complete continuous E-Coat and LQ line including pre-treatment with zinc phosphate, polymerization ovens and waste neutralization station to the plant in Staré Čívce
- Implementation of the contract in 2014–2015
- EC line capacity: 2,500,000 pcs / year
- LQ line capacity: 2,000,000 pcs / year
- Product dimensions: 1,100 × 500 mm
- Product dimensions: 1,100 × 400 mm
- EC line conveyor speed: 1.5 m / min
- LQ line conveyor speed: 1.8 m / min



TATRA TRUCKS

- A major global manufacturer of trucks
- Complete rebuilding of the anaphoretic line to cataphoretic line
- Implementation of the contract in 2014
- Volume of the cataphoretic bath: 65 m³
- Line capacity: 300–360 m² / hour
- Inner dimensions of the bath: 4,500 × 3,720 × 3,370 mm (L × W × H)
- Tact time: 12–15 min



VW Wolfsburg

- Global automobile manufacturer
- Complete refurbishment and installation of ED cells in the main EC body paint shop
- Implementation of the contract in 2015
- Number of refurbished cells: 86 pcs
- Box dimensions: 2,405 × 845 mm



BWI GROUP

- Global manufacturer of shock absorbers for the automotive industry
- Complete E-Coat line including bath pretreatment, thermic afterburner and neutralization station
- Implementation of the contract in 2016
- Dimensions of the suspension with products: 1,700 × 900 × 1,300 mm
- Suspension weight: 350 kg
- Tact time: 200 s



BENTELER Automotive

- A major European manufacturer of car parts
- Renovation and expansion of the entire pre-treatment section and adding of the pickling section
- Implementation of the contract in 2017



ENTLACKUNGS FABRIK

- German company mainly engaged in the renovation of "oldtimer" cars and other specialities
- Complete E-Coat bath including accessories
- Implementation of the contract in 2017
- Maximum product dimensions: 2,500 × 2,000 × 5,000 mm
- Volume of the cathaphoretic bath: 58 m³
- Tact time: 20–30 min



ECOS

- An important Czech company engaged in engineering production
- Complete E-Coat tact line including pre-treatment, polymerization oven, handling and accessories
- Implementation of the contract in 2018
- Line capacity: 700,000 m² / year (3 shifts)
- Maximum product dimensions: 2,500 × 1,000 × 2,000 mm
- Tact time: 15 min



UNISON

- Major Belarusian-British automobile company
- Complete E-Coat bath including accessories and storage tank
- Implementation of the contract in 2018
- Volume of the cataphoretic bath: 63 m³
- Maximum product dimensions: 5.2 × 2 × 1.85 m
- Maximum one tact surface: 120 m²



GALMM

- An important Slovak company specializing in metal surface treatment and metal plating
- Complete E-Coat tact line including pre-treatment
- Implementation of the contract in 2019
- Volume of the cathaphoretic bath: $2 \times 6 \text{ m}^3$
- Maximum product dimensions: $0.8 \times 1.4 \times 2.5 \text{ m}$
- Maximum designed surface per hour: 400 m^2



KV FINAL

- An important Czech manufacturer of molded and welded parts for the automotive industry
- Complete E-Coat bath including accessories
- Implementation of the contract in 2019
- Volume of the cataphoretic bath: 6,5 m³
- Maximum product dimensions: 1.8 x 1.5 x 0.8 m
- Maximum one tact surface: 25 m²



DHOLLANDIA

- A major global manufacturer of lifting platforms and elevators, not only for trucks
- Complete continuous E-Coat stage including accessories
- Implementation of the contract in 2019
- Volume of the cathaphoretic bath: 6,5 m³
- Maximum product dimensions: 1.8 x 1.5 x 0.8 m
- Maximum one tact surface: 25 m²



F.X.MEILLER

- A major global manufacturer in commercial vehicles
- Complete E-Coat (KTL) paint shop including accessories
- Implementation of the contract in 2021-2022
- Volume of the cathaphoretic bath: 55 m³
- Maximum product dimensions: 7,5 x 0,95 x 2,5 m
- Maximum one tact surface: 70 m²



BENTELER RUMBURK

- Branch of a global supplier of car parts
- Modernisation of the KTL paint shop
- Implementation of the contract 2022
- Volume of the cathaphoretic bath: 10,5 m³
- Maximum product dimensions: 3 x 0,8 x 1,5 m
- Maximum one tact surface: 35 m²

