Amsonic
Precision Cleaning

CASE STUDY

Cleaning of lapped parts

Machine: Aqualine 11AL40/30A-WL2P
Industrial sector: Lapping / 124

Industry: Lapping

Cleaning problem: The new cleaning machine ought to be water-based and should not produce any waste water

Soiling: Lapping compound and lapping oils

Solution: Immerse ultrasonic and spray cleaning with warm air drying

Phase 1: Spray pre-cleaning, warm, 60°C
Phase 2: Immerse cleaning with ultrasonics, warm, 60°C
Phase 3: Immerse rinsing, cold tap water
Phase 4: Immerse cleaning with ultrasonics, warm, 60°C
Phase 5: Immerse rinsing, cold tap water
Phase 6: Immerse cleaning with ultrasonics, warm, 60°C
Phase 7: Immerse rinsing, cold tap water
Phase 8: Immerse rinsing with DI water and anticorrosive, warm
Phase 9: Immerse rinsing with ultrasonics, warm DI water, 55°C
Phase 10: Warm air drying up to 120°C

Capacity: 8 - 10 charges per hour

Requested quality: Free of oil and stains, dry. Ready for quality inspection

Return on investment: Replacement investment for old solvent machine - Productivity has been increased and the final quality of the products considerably improved. Free of waste-water and emissions.

Amsonic Ltd. Switzerland Phone +41 (0)32 344 35 00 Fax +41 (0)32 344 35 01
Amsonic Deutschland GmbH Phone +49 (0)7141 643 260 Fax +49 (0)7141 643 2610
Amsonic France SAS Phone +33 (0)437 28 18 00 Fax +33 (0)437 28 18 01

www.amsonic.com