MSG Group

MSG AERO INDUSTRIES

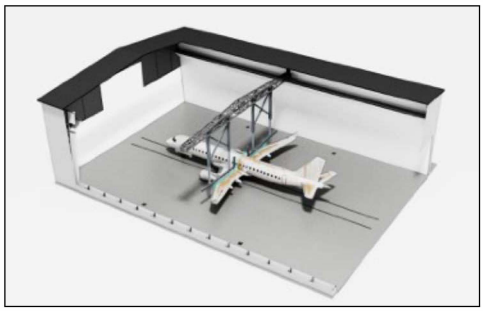
REVOLUTIONARY AIRCRAFT CLEANING TECHNOLOGY

THE WORLD'S FIRST FULLY AUTOMATED AIRCRAFT WASHING SYSTEM WITH 97% WATER RECYCLING

MULTI-SOLUTION GATE™ SYSTEM

Our touchless, automated aircraft washing system may reduce washing time from 4-6 hours down to 20 minutes while eliminating chemical usage and reducing maintenance costs.

TIME SAVING **95%** Vs manual washing	WATER RECYCLED **97%** Closed-loop system	CHEMICALS **ZERO** Default operation
CYCLE TIME **approx 20 MIN**	VALIDATED FOR **A320/B737**	CHEMICALS **>2,000 HRS**

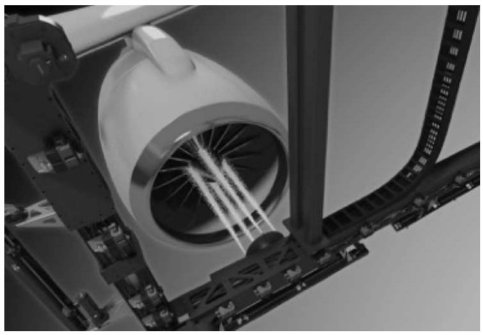


TECHNICAL EXCELLENCE

AI-Powered Recognition
Machine learning vision system automatically identifies aircraft type and configures optimal cleaning parameters.

3-Axis Articulating Booms
Precision cleaning with 0.5m safety standoff distance, adaptive kinematics for complete coverage.

Integrated Water Management
Closed-loop reclamation with ≥97% recycling efficiency, floor-embedded V-groove trenches.



ENVIRONMENTAL COMPLIANCE

Near-Zero Discharge Operation
Closed water management system with only 3% replenishment required.

ICAO Doc 9888 Compliant
Effluent quality COD <75mg/L, below international aviation standards.

VALIDATED PERFORMANCE

Royal Saudi Air Force

Anchor contract for 4 military bases

Contract value: USD 22.5M

Skien Airport (Norway)

Operational validation facility

300+ successful cycles (2019-2024)



FLEXIBLE ACQUISITION MODELS

MSG Group

Tailored commercial solutions for airports, airlines, and MRO facilities.

OUTRIGHT PURCHASE

Turnkey ownership solution

Complete control over operations and assets with maximum ROI potential.

- ✓ 100% asset ownership
- ✓ One-time capital investment
- ✓ Optional maintenance contract

OPERATING LEASE

3/5/7-year terms

Flexible financing without capital expenditure commitment.

- ✓ Predictable monthly costs
- ✓ Maintenance included
- ✓ Off-balance sheet financing

SALE LEASEBACK

Capital release model

Unlock facility value with immediate capital injection.

- ✓ Immediate capital injection
- ✓ Continued operational control
- ✓ Flexible lease-back terms

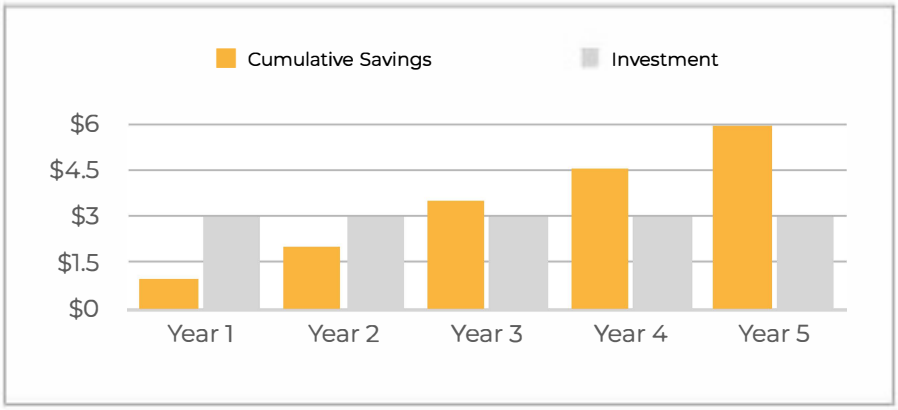
REVENUE-SHARE JV

Zero upfront investment

Shared operational revenues and performance-based returns.

- ✓ No capital required
- ✓ Fixed/variable fee structure
- ✓ Full operational support

ROI ANALYSIS



ANNUAL SAVINGS (TYPICAL FLEET)

Labor Reduction	**$850,000**
Water & Chemicals	**$195,000**
Fuel Efficiency Gain	**Up to 2%**

FINANCIAL METRICS

Average Payback	**24-36 months**
5-Year IRR	**28.5%**
NPV (10% discount)	**$2.5M**

IMPLEMENTATION

PROJECT TIMELINE (14-18 WEEKS)

Site Assessment	2-3 weeks
Infrastructure Prep	6-8 weeks
Installation	4-6 weeks
Training & Handover	2 weeks

SITE REQUIREMENTS

Dimensions	85m × 85m × 25m (min)
HVAC	+15°C to +30°C controlled
Power	400V 3-phase 150kW
Water	Potable supply, <500 TDS
Drainage	V-groove collection

TECHNICAL SUPPORT PACKAGES

Standard
- 8-hour response time
- Remote system monitoring
- Quarterly maintenance visits

Premium
- 4-hour response time
- 24/7 advanced monitoring
- Monthly maintenance visits

Enterprise
- Dedicated on-site technician
- Predictive maintenance AI
- Guaranteed uptime SLA

Revolutionary Aircraft Cleaning Technology

Ready to Transform Your Aircraft Maintenance?

Contact MSG Aero Industries for a tailored site assessment and comprehensive business case analysis.

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