TRIPLEX Sales Company

WANGEN PUMPS

WANGEN PUMP SELECTION

ENGINEERING LUNCH & LEARN

SIZING & SPECIFYING

SPECIFY WANGEN PUMPS WITH FEWER UNKNOWNS.

A practical Lunch & Learn for engineering teams designing sanitary/process systems where product handling, CIP, viscosity, suction conditions, controls, and maintainability all have to line up.

Twin NG
Product transfer plus CIP capability in the right circuit.

VarioTwin
Forced-feed thinking for poor-flowing products.

PC pumps
Controlled conveying/dosing for difficult media.

Demo pump
Hands-on review of flow path, screws, ports, and service points.

WHAT WE'LL COVER

- When twin screw belongs in the spec — and when it doesn't.
- Product transfer and CIP as separate operating points.
- Viscosity, solids, shear sensitivity, and entrained air.
- Suction-side realities: tank level, line layout, valves, elbows, fill.

45-MINUTE AGENDA

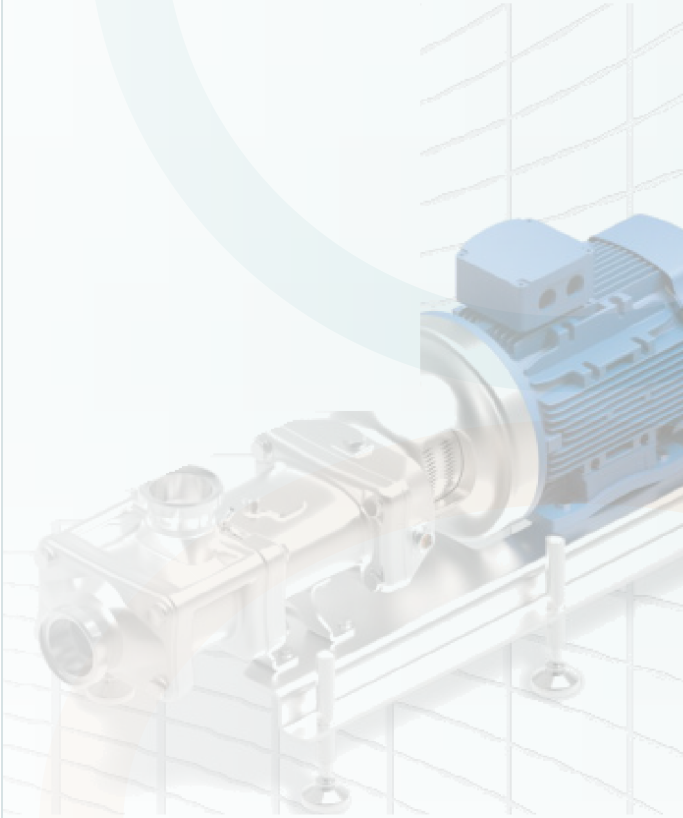
1. Project pain points: viscosity, shear, solids, CIP, suction.
2. Hands-on demo pump walkaround: screws, seal access, ports.
3. Pump family fit: Twin NG, VarioTwin, progressive cavity.
4. Twin NG design notes: speed range, seals, VFD, service access.
5. Spec checklist: schedules, P&IDs, RFQs.
6. Open Q&A: pressure-test one real duty point.

SIZING DATA TRIPLEX NEEDS

AREA	REQUIRED DETAIL
Product	Viscosity, temperature, solids, particle size, shear sensitivity.
Hydraulic	Flow range, pressure, suction condition, starts/stops.
Cleaning	CIP/SIP need, velocity, chemistry, temperature, duration.
Mechanical	Seal plan, elastomers, materials, motor/VFD, documentation.

DESIGN GUARDRAILS

- Do not stack catalog maximums as simultaneous performance.
- Confirm documentation by exact model/options.
- Review suction piping early — inlet starvation makes a good pump look bad.
- Bring one duty point; Triplex will pressure-test the selection.



TRIPLEX Sales Company

WANGEN PUMPS

WANGEN PUMP CARE

MAINTENANCE LUNCH & LEARN

PUMP CARE

KEEP WANGEN PUMPS RELIABLE AFTER STARTUP.

A hands-on session for maintenance, sanitation, production, and plant engineering teams running Twin NG or evaluating WANGEN pumps for viscous, particulate, shear-sensitive, or CIP-heavy service.

Seals
Leaks, quench condition, O-rings, dry-run symptoms.

CIP
Chemistry, temperature, reaction time, elastomer fit.

Suction
Cavitation, air pockets, blocked lines, feed limitations.

Demo pump
Hands-on review of service access and wear points.

WHAT YOUR TEAM WILL LEARN

- What leaks, quench contamination, noise, and flow drop are telling you.
- How startup/shutdown habits affect seals, screws, elastomers, and uptime.
- Why suction conditions and VFD discipline matter on viscous transfer.
- What to inspect weekly, after service, and before a shutdown.

45-MINUTE AGENDA

1. Current pump pain: seal life, downtime, cavitation, CIP.
2. Hands-on demo pump walkaround: screws, seals, housing, ports.
3. Startup/shutdown habits: valves, fill, rotation, VFD speed.
4. Cleaning and elastomer life: chemistry, temperature, time.
5. Troubleshooting: leaks, noise, flow loss, suction issues.
6. PM checklist and spares: what to inspect and keep on hand.

GOOD CANDIDATE LINES

- Repeated seal failures or messy maintenance history.
- Viscous product variation or temperature swings.
- CIP complaints, product buildup, or cleaning-cycle frustration.
- Declining flow, cavitation noise, or inlet starvation.
- Products where texture, particulates, or shear damage matter.

NEXT STEP

- Bring one pump that is giving the plant trouble.
- Triplex will help separate operation, process, seal setup, cleaning, and wear issues.
- Useful details: model/serial, duty point, product/CIP, seal plan, failures, parts history.