



RAW WATER



FINISHED WATER



HIGH SERVICE



JET FUEL TRANSFER

THE BEST CHOICE FOR WATER & NON-WATER PUMPING SOLUTIONS

As a family-owned and privately held company since 1952, **SIMFLO** remains a dominant force in today's highly diversified market by concentrating solely on the vertical turbine line. Working in close partnership with our customers and suppliers allows us to develop end-to-end engineering solutions for a wide range of applications including:

MUNICIPAL APPLICATIONS

- HIGH SERVICE
- RAW WATER
- FINISHED WATER
- PRESSURE BOOSTING
- EFFLUENT DISPOSAL
- LAKE OR RIVER WATER INTAKE
- MAKEUP WATER
- SERVICE WATER
- AQUIFER STORAGE AND RECOVERY (ASR)
- BACKWASH
- WELL WATER
- SCREEN WASH
- REVERSE OSMOSIS

AGRICULTURE APPLICATIONS

- CENTER PIVOT
- FLOOD IRRIGATION
- DRIP IRRIGATION
- DEEP WELL
- CANAL SYSTEMS
- LIVESTOCK WATERING
- FISH FARMS

INDUSTRIAL APPLICATIONS

- WATER PARKS
- SNOW MAKING
- DEWATERING
- MINING
- CRUDE OIL TRANSFER
- OFFSHORE SEAWATER LIFT
- TANK TERMINAL TRANSFER
- CORROSIVE WATER SERVICES
- INDUSTRIAL PROCESS
- REFINING
- PETRO CHEM
- PULP AND PAPER
- MANUFACTURING
- OIL & GAS/CRUDE OIL TRANSFER
- JET FUEL TRANSFER

COMMERCIAL APPLICATIONS

- HVAC/CHILLER
- CONDENSATE
- COOLING TOWER
- BOOSTER SYSTEMS
- SUMP & DRAINAGE
- FOUNTAINS
- RAINWATER

ENGINEERING BUILT AROUND YOUR SUCCESS.

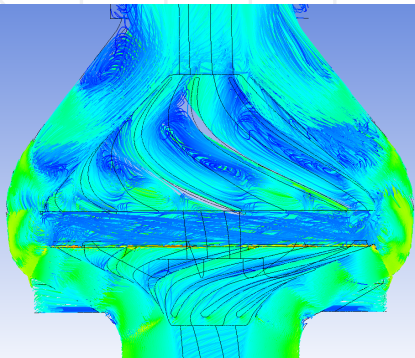
At **SIMFLO**, performance isn't just engineered — it's personalized. Our team of licensed, in-house engineers ranks among the most knowledgeable and forward-thinking in the pump industry. We don't just deliver high-quality pumps—we deliver the right solutions for your specific application. Every pump is thoughtgully configured with precision-selected components and materials to meet your exact fluid-handling needs.

SIMFLO also stands apart by manufacturing many of our components in-house. This commitment gives us unmatched control over quality, design, and delivery timelines—and reliability where it matters most.

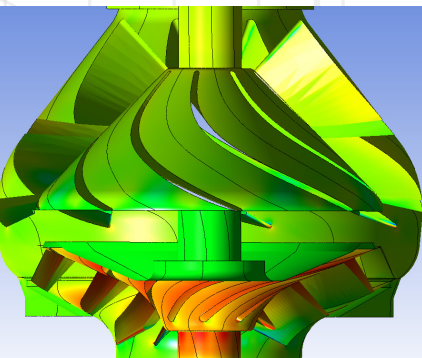
OUR ENGINEERING CAPABILITIES INCLUDE:

- 3D SOLID MODELING
- HYDRAULIC DESIGN
- COMPUTATIONAL FLUID DYNAMICS (CFD) ANALYSIS
- STRESS AND DEFLECTION ANALYSIS USING FINITE ELEMENT ANALYSIS (FEA)
- LATERAL AND TORSIONAL ROTOR DYNAMIC ANALYSIS
- STRUCTURAL NATURAL FREQUENCY ANALYSIS (USING FEA) AND DESIGN FOR VFD OPERATION

WE CAN OFFER PUMPS DESIGNED TO API 610 STANDARDS



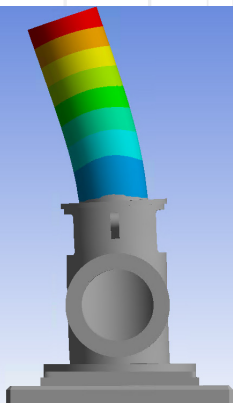
COMPUTATIONAL FLUID DYNAMICS
ANALYSIS



COMPUTATIONAL FLUID DYNAMICS
ANALYSIS



FINITE ELEMENT
ANALYSIS



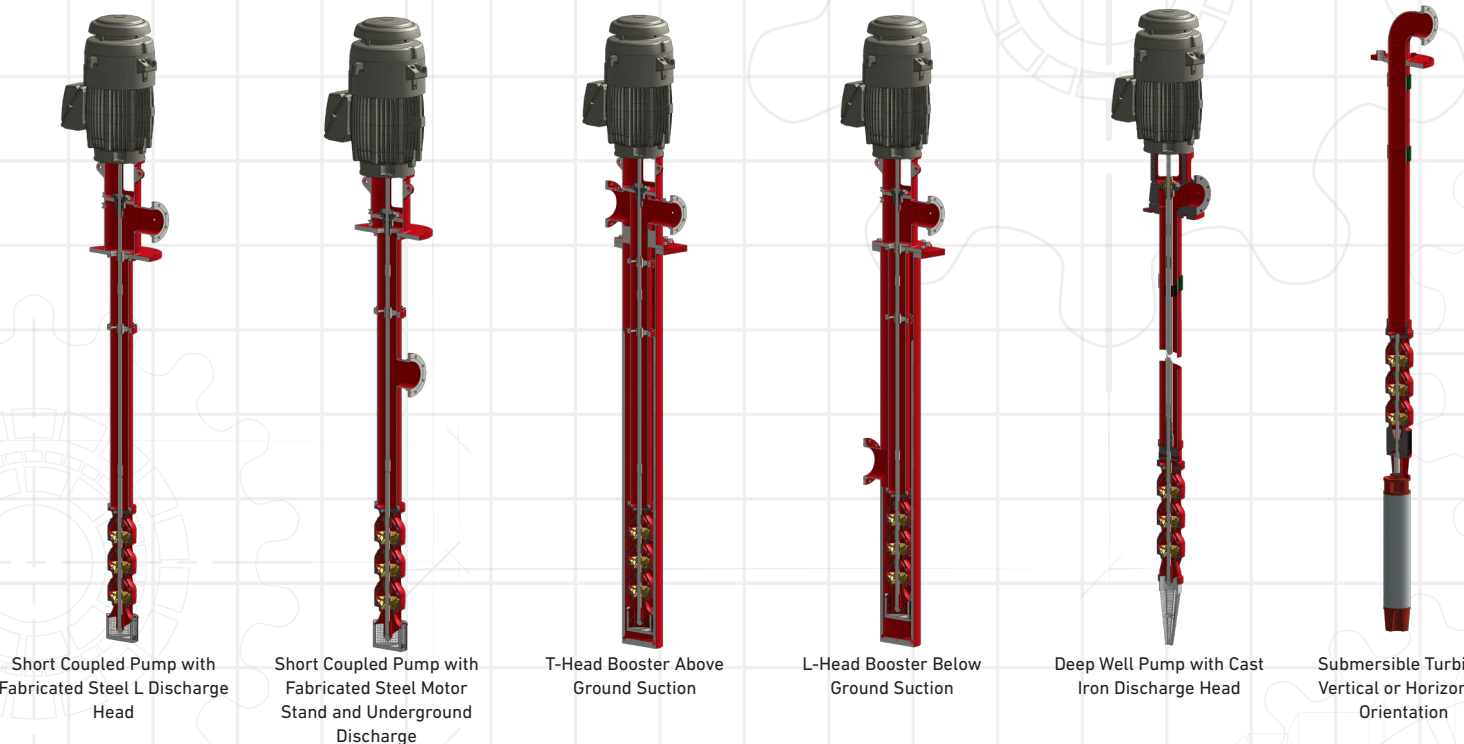
FINITE ELEMENT
ANALYSIS



SIMFLO's dedicated engineered products facility, located in Lubbock, Texas, features the most expansive vertical turbine test facility in North America. The new facility is designed specifically to service the municipal, industrial and commercial vertical turbine industries.

KEY FEATURES:

- State-of-the-art training room and conference area, overlooking test wells up to 80' deep, to allow for string testing of vertical lineshaft and submersible turbine pumps.
- One-of-a-kind witness test experience with a full view of test lab setup and readouts, all situated in our cutting-edge conference room.
- Remote testing for live viewing powered by SitePro, a leading software company in the fluid handling industry.
- State-of-the-art metering and controls
- High Cranes- facilitates installation and provides solutions for unique construction and specialty submersible motors (Long motors/shrouded motors)



Short Coupled Pump with
Fabricated Steel L Discharge
Head

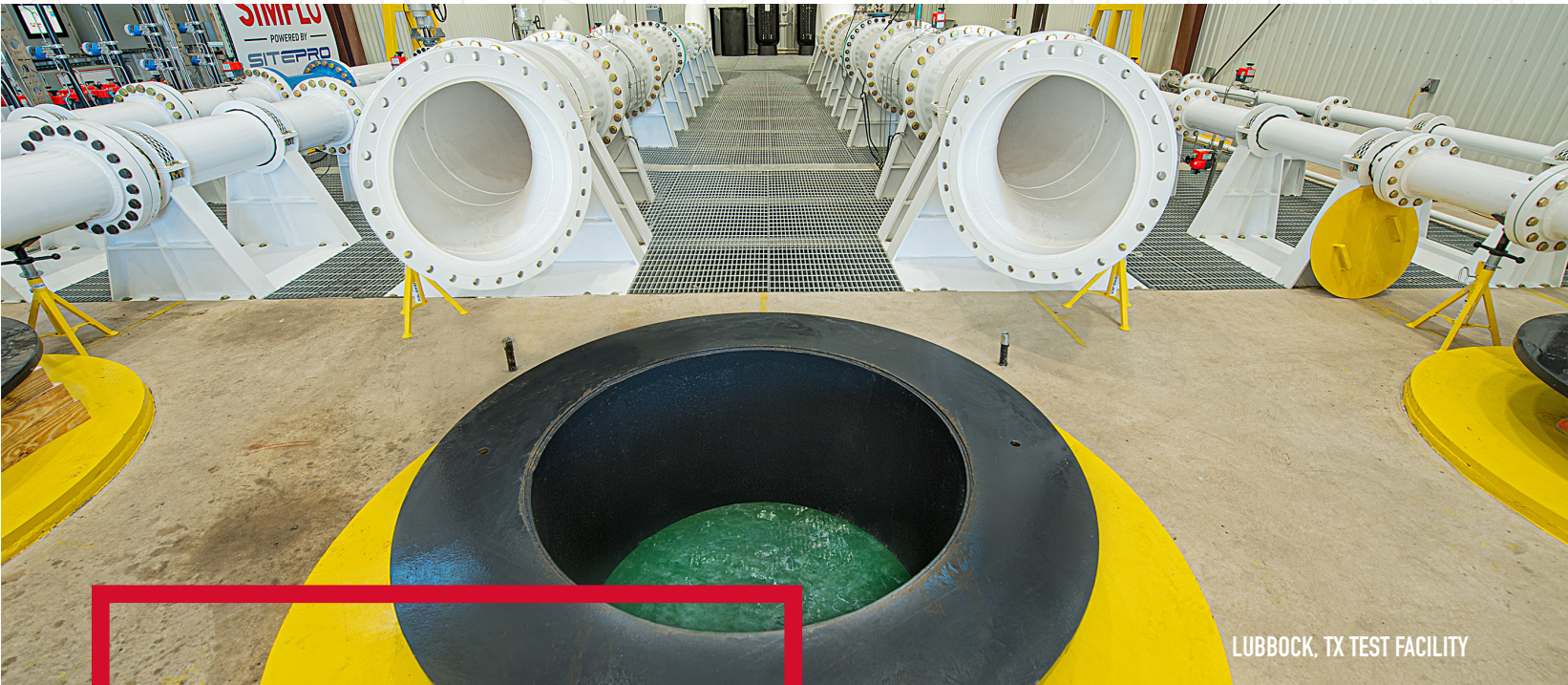
Short Coupled Pump with
Fabricated Steel Motor
Stand and Underground
Discharge

T-Head Booster Above
Ground Suction

L-Head Booster Below
Ground Suction

Deep Well Pump with Cast
Iron Discharge Head

Submersible Turbine,
Vertical or Horizontal
Orientation



LUBBOCK, TX TEST FACILITY

TESTED TO PERFORM. TRUSTED TO DELIVER.

SIMFLO has three leading-edge facilities: **two in Texas and one in Willcox, Arizona**. Our Engineered Products test facility in Lubbock offers the largest and most advanced vertical tubrine testing centers in North America. The technology, provided by Lubbock-based SitePro, Inc., allows **SIMFLO** to enable remote witness testing from anywhere in the world, thus saving customers and engineering firms significant time, expenses, and resources. The three different facilities allow us to fit project needs based on location and testing requirements for vertical turbine, mixed flow, axial flow and subermisble pumps.

SIMFLO TESTING CAPABILITIES:

- HYDRAULIC PERFORMANCE
- TURBINE BOWL ASSEMBLY
- VERTICAL TURBINE, COMPLETE PUMP WITH LAB OR CUSTOMER MOTOR
- SUBMERSIBLE TURBINE PUMP STRING TESTING WITH CUSTOMER MOTOR
- VARIABLE SPEED (VFD)
- VERTICAL NPSHR TESTING
- REVERSE FLOW TESTING

SIMFLO TEST LAB FEATURES:

- LOW AND MEDIUM VOLTAGE VFD SERVICES (480V /2300V /4160V) WITH CAPACITY UP TO 2,000 HP
- TEST LINE FLOW METERS FOR FLOWS UP TO 50,000 GPM
- TEST LINE PRESSURE METERS UP TO 1,000 PSI
- HI 40.6 AND HI 14.6 COMPLIANT PROCEDURES AND EQUIPMENT
- TRAINING/CONFERENCE ROOM WITH VIEW OF TEST WELLS UP TO 80" DEEP TO ACCOMMADATE HIGH NPSHR STRING TESTING AND TEST READOUTS (LUBBOCK)
- REMOTE LIVE VIEW TESTING POWERED BY SITEPRO (LUBBOCK)

SIMFLO COATINGS

SIMFLO offers two NSF approved coatings, as well as various other coatings, as specified.

- Complete pump NSF certification
- TNEMEC Series 21
- Scotchkote 134



GLOBAL EXCELLENCE IN PUMP SOLUTIONS.

SIMFLO has a long history of providing customers both nationally and internationally with high quality products for their specific application needs.

SIMFLO has a dedicated Quality Control Team that oversees a meticulous 7-stage process designed to ensure every product scruntinizes key project requirements.

SIMFLO Quality Assurance procedures were designed and developed by our own engineers and plant supervisors to meet ISO-9001 standards. With testing facilities at multiple **SIMFLO** locations, we're able to test pumps with a maximum flow of 30,000 GPM and electrical service up to 1,000 HP.

Our 5"—28" bowl assemblies have earned NSF/ANSI/CAN 61 and NSF/ANSI 372 certification from NSF International, which ensures the greatest benefit to both you and your end-users.



OUR 7-STEP QUALITY CONTROL PROGRAM ENSURES EVERY **SIMFLO** PRODUCT MEETS SPECIFICATION AND EXCEED EXPECTATIONS.

1. Project Application Review
2. Engineering and Technical Assessment
3. Manufacturing Review and Verification
4. Hydraulic and Performance Testing
5. Final Coating Process
6. Final Inspection Process
7. Transportation Preparation

SIMFLO®

OPERATIONS:

2506 Interstate 27
Lubbock, TX 79404

8500 Aaron Lane
Southaven, MS 38671

CORPORATE OFFICE:
619 Broadway Street
Lubbock, TX 79404

TEST FACILITIES:

2506 Interstate 27
Lubbock, TX 79404

605 26th Street
Lubbock, TX 79404

761 E Stewart Street
Willcox, AZ 85643



SIMFLO.COM



SIMENG2510

SIMFLO®

VERTICAL TURBINE PUMPS.

ENGINEERED FOR MUNICIPAL, INDUSTRIAL,
COMMERCIAL AND AGRICULTURAL APPLICATIONS



HEADQUARTERED IN THE USA SINCE 1952 | 806.747.3411 | SIMFLO.COM