

EQUIPMENT

FOR SALE / RENT
24/7 EMERGENCY SERVICE

BOILERS
 20,000 - 400,000 #/Hr.

DIESEL & TURBINE GENERATORS
 50 - 25,000 KW

GEARS & TURBINES
 25 - 4000 HP

WE STOCK LARGE INVENTORIES OF:

*Air Pre-Heaters • Economizers
 Deaerators • Pumps • Motors
 Fuel Oil Heating & Pump Sets
 Valves • Tubes • Controls
 Compressors • Pulverizers
 Rental Boilers & Generators*

WWW.WABASHPOWER.COM
 800-704-2002

wabash Power Equipment Co.
 444 Carpenter Avenue Wheeling, IL 60090

www.aiche.org/cep or Circle No. 201 on p.63

HEAT EXCHANGERS

Liquid Cooled

Air Cooled

FOR GASES & LIQUIDS!

Talk Directly with Design Engineers!
 Blower Cooling Vent Condensing

INDUSTRIAL HEAT EXCHANGERS
XCHANGER

(952) 933-2559 info@xchanger.com

www.aiche.org/cep or Circle No. 202 on p.63



The classes you need.

Any time and place you want.

Add the skills you need with self-paced online courses in the AIChE eLearning Center.

- CCPS Process Safety Management Overview
- Spreadsheet Problem Solving for Chemical Engineers
- Distillation in Practice
- Chemical Engineering for Non-ChemEs
- And 16 more.

www.aiche.org/elearning

BOILERS
Available Immediately

Lease • Rental • Sale
800.446.3325

250,000-850 PSI / 750 Deg. F.
 250,000-750 PSI / 750 Deg. F.
 180,000-750 PSI / 750 Deg. F.
 165,000-1025 PSI / 850 Deg. F.
 165,000-350 PSI
 150,000-750 PSI / 750 Deg. F.
 135,000-750 PSI / 750 Deg. F.
 120,000-350 PSI
 120,000-725 PSI / 750 Deg. F.
 110,000-350 PSI
 90,000-395 PSI
 75,000-750 PSI / 750 Deg. F.
 75,000-395 PSI
 70,000-350 PSI
 60,000-750 PSI / 750 Deg. F.
 50,000-350 PSI
 40,000-750 PSI
 40,000-350 PSI
 30,000-350 PSI
 20,000-1600 PSI
 10-1,000 HP - 15-250 PSI

Trailer Mounted
 80K-395 PSI
 72K-350 PSI
 70K-350 PSI
 60K-750 PSI
 45K-750 PSI
 40K-350 PSI
 36K-300 PSI
 30K-300 PSI
 24K-300 PSI

Emergency Service
24HR
 Emergency Service

INDECK
 Ready for Emergencies

Indeck Power Equipment Company
 847.541.8300
info@indeck-power.com
www.indeck.com

www.aiche.org/cep or Circle No. 203 on p.63

CONSULTING

CRYSTALLIZATION & PRECIPITATION

Dr. Wayne J. Genck Genck International
 3 Somonauk Court, Park Forest, IL 60466
 Tel (708) 748-7200 Fax (708) 748-7208
genckintl@aol.com — <http://www.genckintl.com>

- Design/Scale-up
- Size Distribution
- Laboratory Investigations
- Filtration
- Troubleshooting
- Purity
- Caking
- Drying
- Particle Habit
- Product Micro-Analysis
- Polymorphism
- Kinetics Studies

◆ ◆ ◆ Industrial Seminars ◆ ◆ ◆

www.aiche.org/cep or Circle No. 204 on p.63

Looking To Advertise?

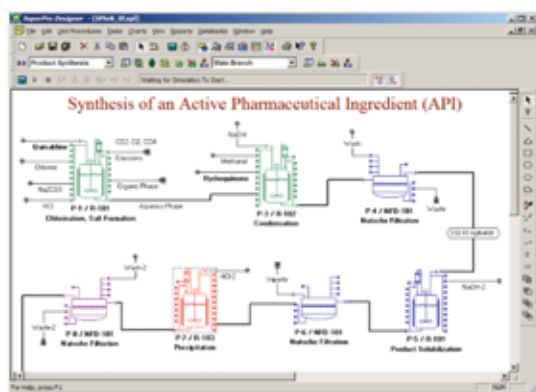
To be included in CEP Marketplace or CEP Showcase Contact:

Doris B. Deutsch,
 Global Sales Manager,
 Advertising and Recruitment
 646-495-1361 • dorid@aiche.org

Intelligen Suite®

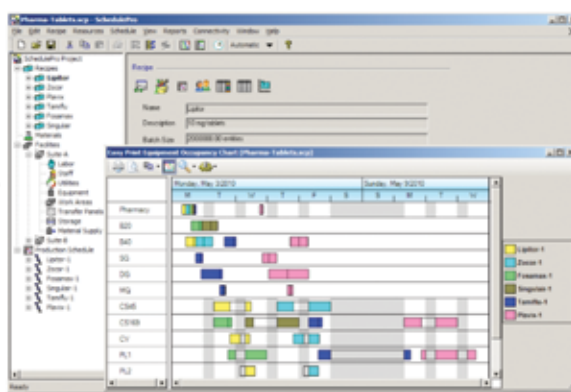
The Market-Leading Engineering Suite for Modeling, Evaluation, Scheduling, and Debottlenecking of Multi-Product Facilities

SuperPro®

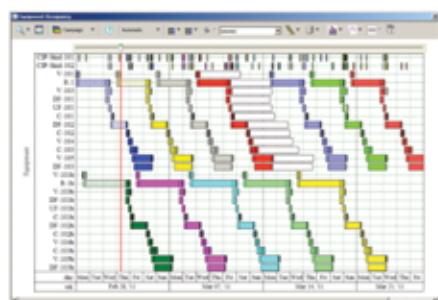


Use SuperPro Designer to model, evaluate, and optimize batch and continuous processes

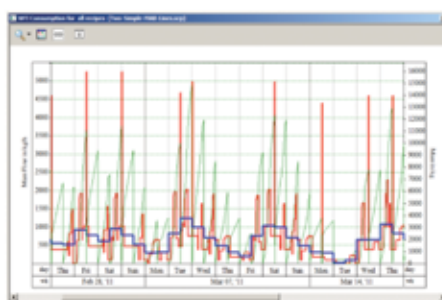
SchedulePro®



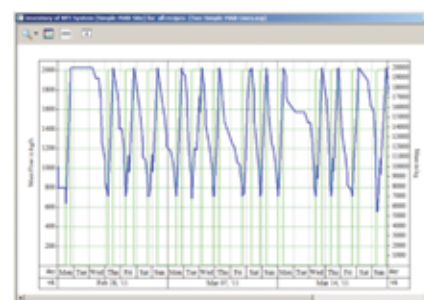
Migrate to SchedulePro to model, schedule, and debottleneck multi-product facilities



Easy production tracking, conflict resolution and rescheduling



Tracking demand for resources (e.g., labor, materials, utilities, etc.)



Managing inventories for input, intermediate, and output materials

SuperPro Designer is a comprehensive process simulator that facilitates modeling, cost analysis, debottlenecking, cycle time reduction, and environmental impact assessment of integrated biochemical, bio-fuel, fine chemical, pharmaceutical (bulk & fine), food, consumer product, mineral processing, water purification, wastewater treatment, and related processes. Its development was initiated at the Massachusetts Institute of Technology (MIT). SuperPro is already in use at more than 500 companies and 900 universities around the globe (including 18 of the top 20 pharmaceutical companies and 9 of the top 10 biopharmaceutical companies).

SchedulePro is a versatile production planning, scheduling, and resource management tool. It generates feasible production schedules for multi-product facilities that do not violate constraints related to the limited availability of equipment, labor, utilities, and inventories of materials. It can be used in conjunction with SuperPro (by importing its recipes) or independently (by creating recipes directly in SchedulePro). Any industry that manufactures multiple products by sharing production lines and resources can benefit from the use of SchedulePro. Engineering companies use it as a modeling tool to size shared utilities, determine equipment requirements, reduce cycle times, and debottleneck facilities.

Visit our website to download detailed product literature and functional evaluation versions of our tools

INTELLIGEN, INC. • 2326 Morse Avenue • Scotch Plains, NJ 07076 • USA

Tel: (908) 654-0088 • Fax: (908) 654-3866

Email: info@intelligen.com • Website: www.intelligen.com

Intelligen also has offices in Europe and representatives in countries around the world