

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



MACHINERY & EQUIPMENT Co. Inc.

Quality Used Equipment!

We have over 5,000 pieces of used processing and packaging machinery available. A large portion of this equipment was used in the Chemical and Pharmaceutical Industries.

Please visit our website to view detailed descriptions and photos at:
www.machineryandequipment.com

P.O. Box 7632 San Francisco, CA 94120 Toll Free: (800) 227-4544
Fax: (415) 467-2639 Phone: (415) 467-3400
Email: info@machineryandequipment.com

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

FILTER PRESSES

Shriver • JWI • Komline • Sperry
Membrane, Recessed, Plate & Frame Design

PARTS SERVICE CENTER

Plates: Poly • Alum & CI • Filter Cloth and Paper
Side Bars • Hydraulic Cylinders

Avery Filter Company, Westwood, NJ
Phone: 201-666-9664 • Fax: 201-666-3802
E-mail: larry@averyfilter.com
www.averyfilter.com

www.aiche.org/cep or Circle No. 203 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. 204 on p.63



CRYSTALLIZATION & PRECIPITATION

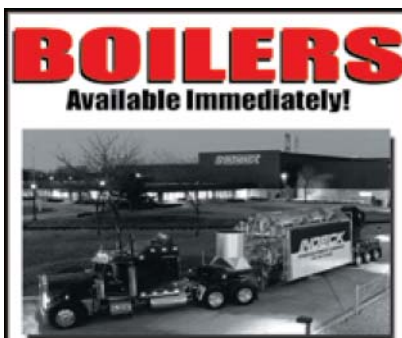
Dr. Wayne J. Genck Genck International
3 Somonauk Court, Park Forest, IL 60466
Tel (708) 748-7200 Fax (708) 748-7208
genckintl@aol.com — <http://www.genckintl.com>

- 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. 205 on p.63



lease • rental • sale

- (3) New 250,000 PPH 750 PSI / 750 Deg. S.H. with Low NOx Burners
(2) New 250,000 PPH 850 PSI / 750 Deg. S.H. with Low NOx Burners

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.
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
72K-350 PSI
70K-350 PSI
70K-350 PSI
45K-750 PSI
40K-350 PSI
36K-300 PSI
30K-300 PSI
24K-300 PSI

EMERGENCY SERVICE
24HR
EMERGENCY SERVICE

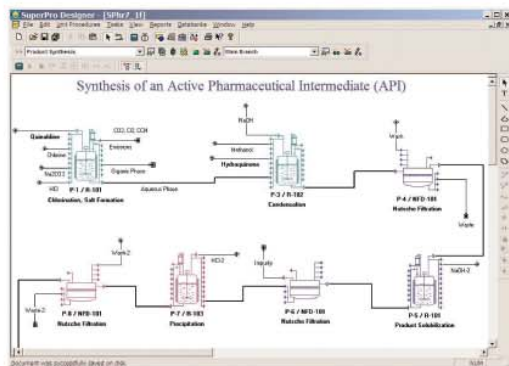
INDECK
INDECK POWER EQUIPMENT COMPANY
tel 847.541.8300 / 800.446.3325
fax 847.541.9984
info@indeck-power.com
www.indeck.com

www.aiche.org/cep or Circle No. 206 on p.63

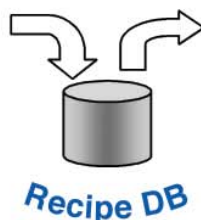
Intelligen Suite

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

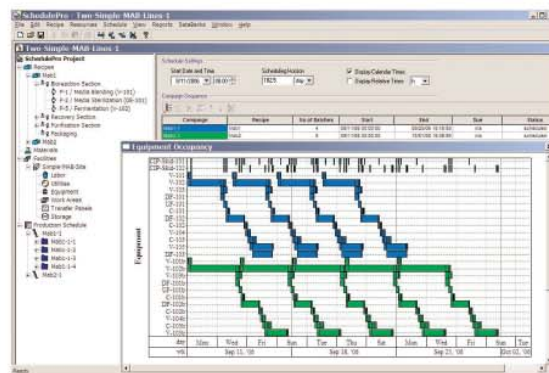
SuperPro



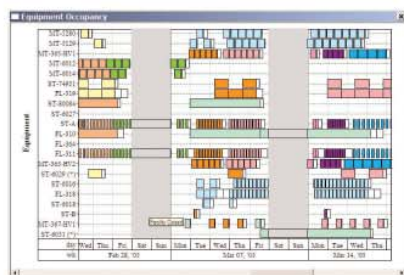
Use SuperPro Designer to model, evaluate, and debottleneck batch and continuous processes



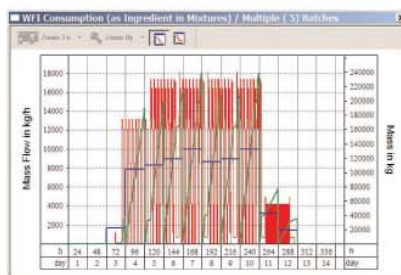
SchedulePro



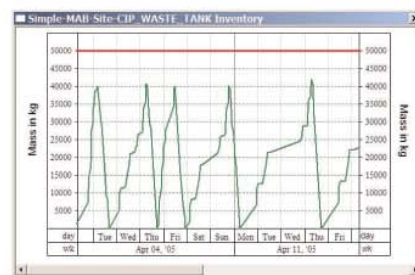
Switch to SchedulePro to schedule, model, and debottleneck multi-product facilities



Tracking of equipment occupancy in multi-product facilities



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



Inventory tracking for raw materials, intermediates, products, and wastes

SuperPro Designer is a comprehensive process simulator that facilitates modeling, cost analysis, debottlenecking, cycle time reduction, and environmental impact assessment of biochemical, specialty 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 400 companies and 500 universities around the world (including 18 of the top 20 pharmaceutical companies and 9 of the top 10 biopharmaceutical companies).

SchedulePro is a versatile finite capacity scheduling tool that generates feasible production schedules for multi-product facilities that do not violate constraints related to the limited availability of facilities, equipment, resources and work areas. 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 utilities for batch plants, identify 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