

**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](http://www.aiche.org/cep) or Circle No. 200

**PROCESS FILTRATION EQUIPMENT**

JWI Filter presses with polypro recessed plates  
Sparkler & Niagara horizontal plate filters,  
Model 33D17, 18S23, 1824S & 3348S  
Stainless Steel ERTTEL & STAR Filter presses  
Nutsche filter, 10 gal, 316 SS, 35 psi  
K-S Avery 35 cu. ft. membrane filter press, polypro plates  
US Autojet, Pressure leaf, 400 sq. ft., stainless steel

**EVERY FILTER COMPANY**  
(201) 666-9664 Fax (201) 666-3802  
E-mail: [larry@averyfilter.com](mailto:larry@averyfilter.com)  
[www.averyfilter.com](http://www.averyfilter.com)

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 203



**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](http://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](mailto:info@machineryandequipment.com)

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 205

**“About that defoamer...  
we just might take some off your  
hands - if the price is right!”**



**Don't wait til the last minute.  
Call now: 800-822-4460**

Environmentally friendly Foam Control Agents and  
Silicone Emulsions. Manufactured to exacting  
specifications in concentrations from 5 to 100% and  
available in technical, food, and kosher grades.  
UNBEATABLE CUSTOMER SERVICE.

**TAYLOR** **CHEMICAL**  
COMPANY, INC.

Call: 770-339-4460 -or- [www.TaylorChemical.com](http://www.TaylorChemical.com)

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 201

**EQUIPMENT FOR SALE**

16 TON C-FRAME MULTIPRESS NEW IN '96  
300 GALLON BP MDL JUMM-2 W/OIL HEATER  
300 GALLON BP MDL NMM VACUUM MIXER  
AARON 1 GAL. SS SIGMA BLADE LAB MIXER  
BAKER-PERKINS LAB DOUGH MIXER, UNUSED  
DAY 550 GAL DAYMAX 100 HP SS DISPERSER  
BONNOT 4" EXTRUDER LINE W/CONVEYORS  
ABBE 256 SS CU. FT. DBL CONE MIXER  
250 GAL PROCESS EQUIP. SANITARY TANK  
250 GAL PROCESS EQUIP. SANITARY TANK ON WHEELS  
250 GAL PRECISION INSULATED SS SANITARY TANK  
WITH 3/4 HP LIGHTNING AGITATOR, UNUSED  
GRUENBERG LAB VACUUM TRAY DRYER, 650 DEG.

**WEB SITE MOHAWKMACHINERY.COM**

**MOHAWK MACHINERY**  
CINCINNATI OH  
513-771-1952  
CALL JIM MUELLER'S CELL PHONE 513-608-7902

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 204

**Looking  
to Advertise?**

Contact  
**Doris Deutsch**  
at  
[dorid@aiche.org](mailto:dorid@aiche.org)

**BOILERS**

**Available Immediately!**



**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

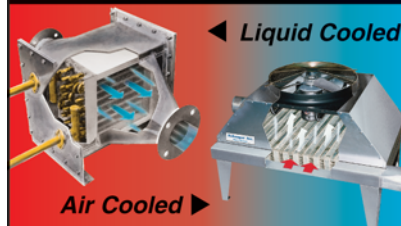
**EMERGENCY SERVICE  
24HR  
EMERGENCY SERVICE**

**INDECK**  
INDECK POWER EQUIPMENT COMPANY

tel 847.541.8300 / 800.446.3325  
fax 847.541.9984  
[info@indeck-power.com](mailto:info@indeck-power.com)  
[www.indeck.com](http://www.indeck.com)

[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 202

**HEAT EXCHANGERS**



**FOR GASES & LIQUIDS!**

**Talk Directly with Design Engineers!**  
Blower Cooling Vent Condensing

**Xchanger**

(952) 933-2559 Fax: (952) 933-5647  
[www.xchanger.com](http://www.xchanger.com) [info@xchanger.com](mailto:info@xchanger.com)

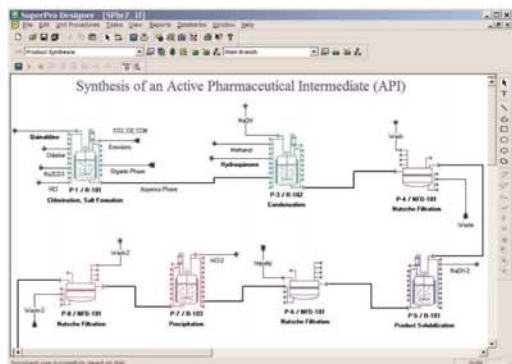
[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 206



# Intelligen Suite

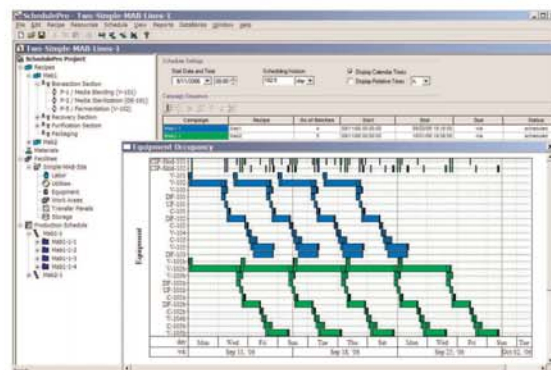
The Market-Leading Engineering Suite for Modeling, Evaluation, Scheduling, and Debottlenecking of Single & Multi-Product Facilities

## SuperPro



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

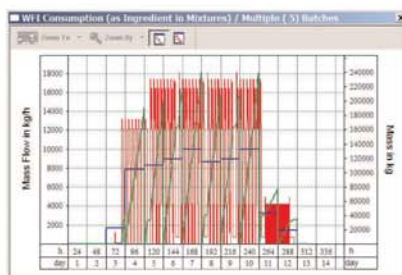
## SchedulePro



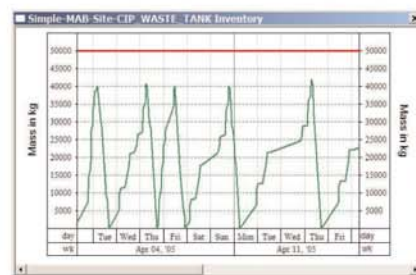
Switch to SchedulePro to schedule, model, and debottleneck multi-product facilities



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](mailto:info@intelligen.com) • Website: [www.intelligen.com](http://www.intelligen.com)**  
*Intelligen also has offices in Europe and representatives in countries around the world*