



2014 Pharmaceutical Issue

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Federal Equipment Buys and Sells Used Equipment





- TRAINING
- TROUBLESHOOTING
- Consulting

IN CONJUNCTION WITH FEDERAL EQUIPMENT COMPANY,

TECHCEUTICALS OFFERS MACHINE SELECTION,

INSPECTION, AND EVALUATION ASSISTANCE.

WWW.TECHCEUTICALS.COM



Quality Used Pharmaceutical Packaging Equipment!

Pharmaceutical Industries

For more than 50 years, Federal Equipment Company has specialized in providing high quality, used process and packaging equipment to an array of industries.

Our Pharmaceutical Issue is designed for the equipment needs of the following manufacturing industries:

- Pharmaceuticals
- · Generic Drugs
- Pharmaceutical Contract Manufacturing
- Organizations (CMOs)
- Vitamins
- Nutraceuticals/Supplements
- Cosmetics and Fragrances
- Biopharmaceuticals and Biosimilars
- Beverages
- Foods and Candies

Federal Equipment's inventory is a one-stop-shop for manufacturing equipment. We stock all of the equipment required to set up a complete manufacturing operation for the following products and packaging:

- Solid Doses tablets, soft capsules, hard capsules, pellets, powders, and more
- Liquid Doses solutions, suspensions, emulsions, and more
- Semi-Solids creams, ointments, and lotions
- Transdermal Patches
- Aseptic Fill & Finish vials, ampules, syringes, blow-fill-seal, sachet, and more
- Primary Packaging blisters, bottles, pouches, bags, flow-wraps, tubes and more

 Secondary Packaging – cartoners, shrink-wrappers, traypackers, casepackers, taping, labeling, neckbanders, cottoners, and

more

Federal Equipment's inventory changes daily. This issue reflects only a portion of the 1,000's of items available. If you do not see the equipment you need, try our website (www.fedequip.com) or call a sales associate (800-652-2466) for assistance. Even if we do not have it in our current inventory, we can use our extensive network to help source your next piece of process or packaging equipment.

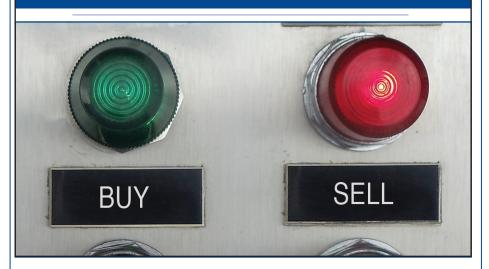






Federal Equipment Buys and Sells Used Pharmaceutical Equipment

We buy and sell all forms of pharmaceutical processing and packaging equipment including granulators, roller compactors, fluid bed dryers, reactors, tanks, cartoners, thermoforming machines, slat fillers... and many more!



Contact us at
1-800-652-2466
to discuss your surplus
assets and investment
recovery options.



Federal Equipment Company provides investment recovery services to one of the world's largest and best known pharmaceutical manufacturers, Pfizer, Inc.

We are actively engaged at over 30 Pfizer sites around the world – evaluating and removing surplus process and packaging equipment for sale to interested parties or for redeployment within Pfizer's own network.

Our current inventory of equipment includes surplus assets from Pfizer's pharmaceutical plants, research and development facilities, and pilot plants, as well as kilo-plants, chemical plants, and API and pharmaceutical manufacturing plants.

You can view Pfizer-owned equipment at our website's Pfizer Landing Page, illustrated below - www.fedequip.com/Pfizer.aspx - to view some of the highest quality pharmaceutical process and packaging equipment available in world.

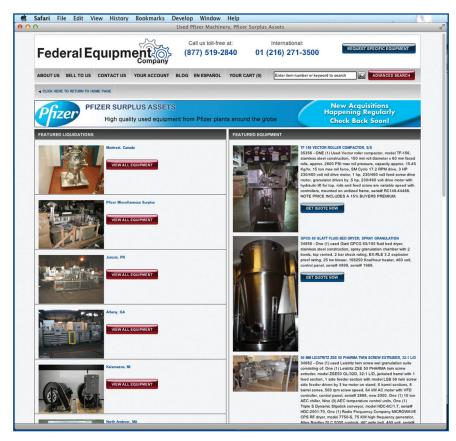




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Throughout, Text In Bold And Blue Pertains To Machines That Have Images



Is "Risk" Causing Your Firm to Miss Opportunities With Used Equipment?

Pharmaceutical manufacturers often rely upon two reasons to justify the purchase of used equipment for their operations: lower prices and faster delivery. These reasons are not a secret; used pharmaceutical process and packaging equipment can usually be purchased at prices that are 50% to 80% cheaper than new equipment. The equipment is typically available immediately, cutting lead-time for delivery by months. Even with this simple value proposition — save time and money with used equipment — many pharmaceutical manufacturers have never considered used equipment or simply refuse to consider used equipment as an option.

Pharmaceutical firms generally cite "risk" as the primary reason they refuse to consider used production equipment. "Risk," in the pharmaceutical manufacturing context, can be interpreted in many ways: regulatory risk, validation risk, project risk, supply risk, and so on. If your firm refuses to consider used equipment due to "risk," a conversation discussing the specific risk involved may prove worthwhile. A firm's expertise in dealing with such risk may substantially mitigate — or, in some cases, eliminate — concerns involving used equipment.

Pharmaceutical contract manufacturing organizations (CMOs) have a great deal of inhouse expertise in product transfer, technology transfer, and new product launches. CMOs consider and complete many technology transfers in any given year, while most captive pharma-manufacturing facilities consider relatively few new product launches per year. A CMO's new business development cycle depends upon assembling competent technical

transfer teams to quickly assess drug products and manufacturing processes, provide competitive offers and then deliver product to their customers. CMOs have teams, processes, and, most likely, "product launch" or "technology transfer" departments in place to manage a high volume of new products and processes. A risky project for a manufacturer accustomed to launching only a few new products per year may actually carry very little risk for a CMO



with robust technology transfer and validation teams in place for launching multiple new products every year.



With multiple products from many different product sponsors, there can be a great deal of variation in manufacturing processes from one product to the next. CMOs must have equipment expertise in order to reliably deliver a diverse product mix according to each product's master batch record. CMO engineering, maintenance, and operations staff rarely see the same product manufactured day in and day out, and they may see certain products only once or twice per year. These personnel are generally well trained and well versed in their equipment's capabilities as well as new equipment needs. With an inspection that generally lasts less than



one day, they will be able to evaluate whether a piece of used equipment is a good fit for operations within their portfolio of equipment as well as what remediation steps are necessary to bring the equipment up to speed. The validation and regulatory staff should be able to develop a validation plan based upon remediation of an older piece of equipment versus a validation plan for a completely new piece of equipment.

CMOs often have a great deal of validation and regulatory expertise. A competent CMO delivers products to multiple markets around the world and is therefore open to inspection by a diverse group of regulatory agencies and auditors. Regulatory expertise within your organization will help overcome any perceived risks associated with a given piece of equipment's pedigree. These challenges are faced and met by CMOs every day, thanks to the wide variety of products made and increased regulatory scrutiny. A CMO





can further reduce this risk by working with reputable equipment dealers that only source equipment from other reputable pharmaceutical companies and develop strong relationships with original equipment manufacturers. A dealer with strong relationships within the pharma manufacturing industry as well as with the OEMs means that a buyer is truly getting high-quality equipment that will impress customers and inspectors. Leveraging the inventory available at a used equipment dealer can enable one's new business development team to reliably source additional equipment needed to win new projects. Additionally, the equipment dealer should be able to provide affordable back-up equipment fast or equipment for additional capacity when a customer demands additional supply. Most of

the "risk" associated with the purchase of used equipment is easily managed by the in-house expertise possessed by pharma manufacturers and CMOs, allowing firms to take advantage of the simple value proposition provided by used manufacturing and packaging equipment: saving time and money.

About the Author: Matt Hicks is the Chief Operating Officer at Federal Equipment Company. He has been with Federal Equipment for two years after more than a decade in the pharmaceutical industry.



About Federal Equipment Company: For more than 50 years, Federal Equipment Company has been a trusted name in the pharmaceutical, chemical, and plastics industries. With thousands of pieces of inventory in stock, Federal Equipment is dedicated to providing customers with quality used equipment, available immediately at competitive prices. Additionally, Federal Equipment offers a complete array of investment recovery and asset disposition services including appraisals, auctions and liquidations, equipment purchase and removal, as well as consignment sales.

Source: Matt Hicks, Is "Risk" Causing Your Firm to Miss Opportunities

With Used Equipment?," Contract Pharma. pg. 66 (2013)

http://www.contractpharma.com/issues/2013-03/view_features/new-or-used/

Visit www.fedequip.com to learn more about what Federal Equipment has to offer.



Tablet Presses and Ancillary Equipment

Rotary Tablet Presses

43981	3090-1 WIP Fette Tablet Press, 75 Station, With Containment
43982	3090-I WIP Fette Tablet Press, 75 Station, With Containment

40283 77 Station Korsch Tablet Press, Model P800

40818 67 Station Korsch Deep-Fill Multi-Layer Tablet Press

40661 55 Station Elite 800 Manesty Tablet Press

42684 754 Stokes Tablet Press, 45 Station

27858 328-2 Stokes Tablet Press, 33 Station

40141 328 Stokes Tablet Press, 33 Station

34117 Killian Rotary Tablet Press, Model RUD, 20 Station

41556 Manesty Beta Press, 16 Station

42716 16 Station Stokes Rotary Tablet Press, Model 900-512-1 (RB2)

41169 14 Station Korsch Tablet Press, Model PM230

Tablet Dedusters

11106	Pharmatech Combi Deduste	r Motal Chack	Model 500 Cambi CE
41480	Pharmatech Combi Deduste	r ivietai Check.	. IVIOGEI SOO COITIDI CE

42871 Kramer Deduster Metal Check

38927 Sanpharm Tablet Deduster, Model TD101-L

42749 Cherry Burrel Tablet Deduster

Tablet Inspection

33737 Seidenader Tablet Sorter, Model L650

41406 Ackely Tablet Sorter

Tablet Hardness Testers

40898	Pharma	Hardness	Tester

36741 Sotax Tablet Hardness/Thickness Tester

40892 Key International HT300 Hardness Tester

38486 TBH 200 Erweka Hardness Tester

Tablet Metal Detectors

37118 Lock Metal Check, Model MET30+

Check Weighers

32190 Fette Checkweigher, Model Checkmaster 4



Tablet Presses and Ancillary Equipment (Cont.)













Encapsulators and Ancillary Equipment

Capsule Filler/Encapsulator

43978	Bosch	Encapsulator,	Model	GKF-2500
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41295 Bosch Capsule Filler, Model GKF-1200

21667 MG2 Encapsulator, Model G60

38949 1200 Bosch Capsule Filler

36267 Technophar Soft Gel Encapsulation Machine, Model SCGM-1000-CLX

42724 Parke Davis Encapsulator, Type 8

42758 Capsugel Encapsulator, Type 8

37108 H & K Encapsulator, Model GFK-1500

37856 Dott. Bonapace Capsule Filler, Model In-Cap

38328 Dott. Bonapace Capsule Filler, Model In-Cap

40014 LAB Encapsulator

Check Weighers

40568	IMA High	Speed	Check	Weigher,	Model	Precisa	18
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42677 P-2 CI Electronics Sade Sorter

32594 CI Electronics Tablet/Capsule Check Weigher

Capsule Banding

37858 Capsugel Capsule Banding Unit, Model LEMS30

34348 PAM Capsule Bander, Model BS40

Capsule Polishers

39879 CP350 Key Capsule Polisher

32656 Key Turbo-Kleen Capsule Polisher

41003 MG America Capsule Polisher, Model GTS/E

Fluid Bed Dryers and Granulators

40270 WSST Glatt Fluid Bed Dryer, S/S

42287 GPCG-60 SRS Glatt Fluid Bed Drver, Wurster

34858 GPCG-60 Glatt Fluid Bed Dryer, Spray Granulation

37803 VFC-15M Vector Fluid Bed Dryer, S/S, (Unused)

42850 GPCG-2 Glatt Fluid Bed Dryer, S/S

42867 GPCG-2 Glatt Fluid Bed Dryer, S/S

40072 MP1 Niro Aeromatic Fluid Bed Dryer, S/S



Fluid Bed Dryers and Granulators (Cont.)

















41708

The Premier Source For Pharmaceutical Process and Packaging Equipment

Fluid Bed Dryers and Granulators (Cont.)

41/08	MP-3/2/3 Niro Fluid Bed Dryer Granulator, S/S, 10 Bar
42183	10BR-20P Fluid Air Magnaflo Fluid Bed Dryer, 316 S/S
41311	0500 Fluid Air Fluid Bed Dryer Granulator, S/S
41706	MP-1 Niro Fluid Bed Dryer Granulator, S/S, 10 Bar
41707	MP-1 Niro Fluid Bed Dryer Granulator, S/S, 10 Bar
35931	GPCG-1 Glatt Fluid Bed Dryer, S/S
34170	STREA-1 Aeromatic Fluid Bed Dryer, Plastic, Containment
39258	FLM-1 Vector Fluid Bed Dryer Granulator, S/S
42167	Mini-Air-Pro, Pro-C-Ept Fluid Bed Dryer Granulator
42970	STREA-1 Aeromatic Fluid Bed Dryer, S/S
34295	MP-Micro Aeromatic Fluid Bed Multi-Processor
40437	Mini Glatt Fluid Bed Dryer, S/S
35406	4M8 Pro-C-Ept Fluid Bed Dryer Granulator, S/S
38608	BGP-MF-101 Gublair Lab Fluid Bed Dryer
High SI	hear Mixers/Granulators
40265	1200 Liter Collette High Shear Mixer, Model Ultima Pro 1200, S/S
40258	1200 Liter Collette High Shear Mixer, Model GRAL 1200, S/S
30079	1200 Liter Collette High Shear Mixer, 316L S/S
39869	
	1200 Liter Niro Fielder High Shear Mixer, Model PMA 1200, S/S
37710	1200 Liter Niro Fielder High Shear Mixer, Model PMA 1200, S/S 600 Liter Collette Mixer, Model GRAL 600
37710 39983	, , , , , , , , , , , , , , , , , , , ,
	600 Liter Collette Mixer, Model GRAL 600
39983	600 Liter Collette Mixer, Model GRAL 600 300 Liter Niro Fielder High Shear Mixer, Model PMA 300, S/S
39983 29551	600 Liter Collette Mixer, Model GRAL 600 300 Liter Niro Fielder High Shear Mixer, Model PMA 300, S/S 200 Liter Niro Fielder Granulating Mixer With Comil
39983 29551 42869	600 Liter Collette Mixer, Model GRAL 600 300 Liter Niro Fielder High Shear Mixer, Model PMA 300, S/S 200 Liter Niro Fielder Granulating Mixer With Comil 150 Liter TK Fielder High Shear Mixer, Model PMA 150
39983 29551 42869 38841	600 Liter Collette Mixer, Model GRAL 600 300 Liter Niro Fielder High Shear Mixer, Model PMA 300, S/S 200 Liter Niro Fielder Granulating Mixer With Comil 150 Liter TK Fielder High Shear Mixer, Model PMA 150 100 Liter TK Fielder High Shear Mixer, S/S

50 Liter Glatt Granulating Mixer, S/S

50 Liter Glatt Powerex High Shear Mixer, S/S

25 Liter Fluid Air Pharma Mix, Model PX25, 316L S/S

10 Liter Collette High Shear Mixer, Model GRAL 10

10 Liter Collette High Shear Mixer, Model GRAL 10

MP-3/2/3 Niro Fluid Bed Dryer Granulator, S/S, 10 Bar

24758

41167

42549

42969

37812



High Shear Mixers/Granulators (Cont.)





























High Shear Mixers/Granulators (Cont.) 39386 8/6/4/2 Liter Fluid Air High Shear Mixer, Model PX1 42868 6/4/2/1/.5 Liter Diosna High Shear Mixer, Model P 1/6, S/S 42166 6 Liter Powerex Corporation High Shear Mixer, S/S 36765 1.8 Liter Zanchetta Rotolab Mixer, S/S 30444 Pro-C-Ept High Shear Mixing System, Model Mi Pro 34067 Pro-C-Ept High Shear Mixing System, Model Mi Pro Mixers/Blenders and Milling Equipment **Twin-Shell Blenders** 42753 50 Cu Ft Patterson-Kelley Twin-Shell Blender, S/S 42967 20 Cu Ft Patterson-Kelley Twin-Shell Blender, 316L S/S 42731 20 Cu Ft Patterson-Kelley Twin-Shell Blender, S/S 41317 10 Cu Ft Patterson-Kelley Twin-Shell Blender, S/S 42732 10 Cu Ft Patterson-Kelley Twin-Shell Blender, S/S 42755 5 Cu Ft Twin-Shell Blender, S/S 37885 2 Cu Ft Patterson-Kelley Twin-Shell Blender, S/S 37824 2 Cu Ft Patterson-Kelley Twin-Shell Blender, S/S 40967 2 Cu Ft Patterson-Kelley Twin-Shell Blender, S/S, Liquid Bar 38561 1 Cu Ft Patterson-Kelley Blender, S/S 40497 8 Quart Patterson-Kelley Blender, S/S, Pin Bar 37487 8/4/2 Quart Patterson-Kelley Blendmaster Blender, Plastic 36766 8 Quart Patterson-Kelley Twin-Shell Blender, S/S 42797 10 Cu Ft Patterson-Kelley Blender, S/S 42799 10 Cu Ft Patterson-Kelley Blender, S/S, Bar Internal Rotor/Continuous Mixer 34882 50 mm Leistritz ZSE-50 Pharma Twin-Screw Extruder, 32:1 L/D Hammer Mills/Fitzmills 42745 LB Bohle Turba Mill, Model BTM-150, S/S 36270 L1A Fitzmill, S/S, With Isolator L1A Fitzmill, S/S, With Isolator 37852 42663 DASO6 Fitzmill, S/S, Gravity Feed, Containment



Mixers/Blenders and Milling Equipment (Cont.)

























Mixers/Blenders and Milling Equipment (Cont.)

42664 DASO6 Fitzmill, S/S, Pan Feed

42740 DASO6 Fitzmill, S/S

42787 D6A Fitzmill, S/S

42790 D6A Fitzmill, S/S

40565 DASO6 Fitzmill, S/S

43560 M5A Fitzmill, S/S

Extruders/Spheronizers

35924 Niro Fielder Nica Extruder, Model E-140

35925 Niro Fielder Nica Spheronizer, Model S-450

37814 Nica Systems Extruder, S/S

37815 Nica Systems Spheronizer, S/S

Emulsifiers/Homogenizers

41967 Microfluidics Microfluidizer, Model M-610-75

41968 Microfluidics Microfluidizer, Model M-610-75

35964 Quadro Ytron Mixer, S/S, Model ZC3

41148 Quadro Ytron Mixer, S/S, Model ZC1

36086 7.5 HP Scott Turbon Mixer, Model TMS-3B7.5

Comil/Cone Mills

42744 LB Bohle Cone Mill, Model BS200, S/S

40275 GS220 Glatt Mill, S/S

37935 Quadro Comil, Model 194 Ultra, 316L S/S, 5 HP

40001 Quadro Comil, Model U10, S/S

42617 Quadro Comil, Model U10, S/S

39985 Quadro Comil. Model U20, S/S

40961 Quadro Comil, Model 196S, S/S

32132 Quadro Comil, Model 194S, S/S

42791 196S Quadro Comil, S/S

42744 LB Bohle Cone Mill, Model BTS200, S/S

42968 Quadro Comil, Model 197S, 1 HP



Mixers/Blenders and Milling Equipment (Cont.)















Mixers/Blenders and Milling Equipment (Cont.)

40073 Spectrum-125 Thomas Engineering Coating Pan, 316L S/S

28702 18" Vector Hi-Coater System, Model HTC-48

Bin Blenders

42971 LB Bohle Bin Blender, Model LM40, S/S

32309 Zanchetta Canguro Bin Blender, Model 500-FS

41166 PM400 Bohle Bin Blender, S/S

41284 Matcon LBC Bin Blender, S/S

39872 PM-1000 LB Bohle Bin Blender, S/S

39888 Custom Metalcraft Tote Tumbler, Model 710395

39986 CM600SE Glatt Bin Blender, S/S

42185 Gallay Bin Blender, S/S, Model G868-801

37822 MB-12 Globe Pharma Bin Blender

Tote Bins

31648 Custom Metalcraft Tote Tilt Discharge Station, S/S

32456 400 Liter Zanchetta Bin, S/S

23388 300 Liter Tote Systems Tablet Totes

38873 60 Cu Ft Custom Metal Craft Tote, 316L S/S

39891 60 Cu Ft Transtore Tote Bin, S/S

26234 45 Cu Ft B & G Tote, S/S

26239 35 Cu Ft GEI Tote, S/S

42550 33 Cu Ft Stainless Steel Tote

28338 9 Cu Ft Tote Systems Tote, S/S

39917 8 Cu Ft Glatt Tote Bin, S/S

Coating Pans

40149 67"	Vector (Coating Par	ı, Mode	el HC-1	L70, S	/S
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40148 67" Vector Coating Pan, Model HC-170, S/S

38959 12" Vector Hi-Coater Coating Pan, Model HCT-30

42714 60" O'Hara Fastcoat Coating Pan, S/S

40352 60" Glatt Coating Pan, Type GC-1500

42635 48" Thomas Accela Cota Coating Pan, S/S



Coating Pans (Cont.)





















Coating Pans (Cont.)

41309	36" Thomas Engineering Compulab, S/S
30140	24" Thomas Engineering Compulab, XP

Liquids Processing Equipment

Stainless Steel Tanks, Non-Jacketed

40613	10000	Gal	Sarna	Tan	k, 3	304,	S/S	5
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40607 2500 Ga	l Stainless Steel	Tank, Horizontal
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40774 1000 Gal Walker Tank, 316L S/S

40618 1500 Gal Stainless Steel Mix Tank

40192 198 Gal Northland Tank. 316 LS/S

41984 150 Gal Walker Receiver, S/S, 120#

Stainless Steel Tanks, Jacketed

33648	850 Gal Le	2 Double	Motion	Kattla	2161	2/2	15/125#

32372 350 Liter Packo Double Motion Pressure Tank. S/S

41834 500 Gal DCI Processor, S/S

42230 13 Gal JC Pardo Triple Motion Vacuum Kettle, S/S

40076 260 Liter BCD Kettle, S/S

42699 200 Liter Stainless Steel Kettle

42742 100 Liter Groen Electric Kettle, S/S, 30#

Reactors

42142 100 Gal DCI Receiver, 316L S/S, 50#

39268	100 Gal	Robert I	Mitchell	Reactor	, 316L S	/S	, 100	/150#
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40712 2000 Liter Lee Industries Reactor, 316L S/S, 50/100#

40703 600 Liter Lee Industries Reactor, 316L S/S, 50/100#

36578 500 Liter DCI Reactor, 316L S/S, 30/100#

36574 500 Liter DCI Reactor, 316L S/S, 30/100#

36573 500 Liter DCI Reactor, 316L S/S, 30/100#

40110 500 Liter DCI Reactor, S/S, 42/125#

37776 200 Liter Precision Reactor, 316L S/S, 45/150#

42189 120 Liter Lee Industries Reactor, S/S, 40/100#

42082 100 Liter Precision Reactor, 316L S/S, 50/100#



Liquids Processing Equipment (Cont.)





















Liquids Processing Equipment (Cont.)

Fermentors

37468	250 Liter Sartorious Fermentor
37467	200 Liter Sartorious Fermentor
38350	1500 Liter Precision Stainless Fermentor System, S/S, 50/75#
38349	150 Liter Precision Stainless Fermentor System, S/S, 50/75#
33804	10 Liter New Brunswick Bioflo-3000 Fermentor, 316L S/S

Pharmaceutical Packaging Equipment

Packaging Lines

41287	DT Kalish Swiftpack Bottle Filling Line, Model SV2-EFS3		
41921	Lakso 450 Tablet/Capsule Filling Line		
39683	Klockner Blister Line, Model CP-11		
39682	Harro Hofliger Transdermal Patch Line, Model PMK-150		
33309	MGS Wallet Packaging Line		
42187	Pamasol Aerosol Filling Line, Model 2045/16B		
37800	Hibar Gel Bottom Filling Line, Model P0493		
42991	TL Bosch Vial Filling Line, Model 2700		
41343	Comadis Tube Filling Line, Model 150U		
41344	Romaco Unipac Tube Filling Line, Model 160		
Packaging, Blow-Fill-Seal			
39664	Rommelag Blow-Fill-Seal Unit, Type Bottlepack 360-M		
40758	Weiler Blow-Fill-Seal Unit, Model 603		

Packaging, Blister/Thermoforming

36843	Uhlmann Blister Thermoformer, Model UPS4-MT
40564	UPS4-MT Uhlmann Blister Machine
41704	C62 IMA Thermoforming and Cartoning Machine
42541	Klockner EAS Blister Machine
28682	Klockner EAS Pentapack Blister Machine
/25/ 0	7FD Rotary Sealer Model 15-RS-6



Pharmaceutical Packaging Equipment (Cont.)













Packaging Equipment (Cont.)

Packaging, Cartoners

37709 Douglas Continuous-Motion Bottom-Load Horizontal Cartoner, Model CM

39232 Bosch Horizontal Cartoner, Model CUK 3060

41546 Bosch Horizontal Cartoner, Model CUC 3002

40483 MA255 Marchesini Horizontal Cartoner

38809 Jones Vertical Cartoner With Ishida Bucket Scale, Model CMV5

39255 Uhlmann Horizontal Cartoner, Model C200

Packaging, Bundlers

40243 E3060 Uhlmann Overwrapper Bundler

38988 Douglas Dual Lane Bundler, Model MW4

39952 SL-18 Omega Bundler, S/S

40093 Omega Bundler Wrapper, Model DL27, S/S

Packaging, Case Packers

40244 E4040 Uhlmann Case Packer

38588 Skinetta Robotic Case Packer, Model Pick-and-Place-2000

39254 Cam Tray Packer, Model NCX

Packaging, Counters

33310 Aylward Bottle Filling Line

38021 Countec Electronic Lane Counter, Model DMC-60SCE

37743 SPC8PD Swiftpack Electronic Tablet Counter

40938 Swiftpack 2-Lane Counter, Model SPC2P

30041 Merril Slat Counter, Model 72-39

Packaging, Desiccant Inserter

41568 DT Kalish Desiccant Inserter, Model 8310

Packaging, Cotton Inserters

39925 Lakso Twin-Head Cottoner, Model 450

39933 Lakso Single-Head Cottoner, Model 450

41385 Lakso Twin-Head Cottoner, Model 300

41405 Lakso Twin-Head Cottoner, Model 300



Pharmaceutical Packaging Equipment (Cont.)



















Packaging Equipment (Cont.)

Packaging, Filler-Liquid

39733 Capmatic Rotary Capper, Model Alpha All

39734 Filamatic Filler, Model H-730-C-8

41224 Elanco Filler, Model Rotop 8

Packaging, Cappers

41569 Kaps-All Inline Retorquer, Model FA6-2

41142 Barry Wehmiller Rotary Chuck Capper, Model TC450-10

38587 Pneumatic Scale Rotary Over-Capper, Model TC45-10

42693 Kaps-All Retorquer, Model FE-4

Packaging, Neck Banding

22312 PDC Neck Bander, Model R120T5IER39197 Kalish Bandit Automatic Neck Bander

Packaging, Labelers

34362 Weiler Single Sided Labeler, Model ILRFID-1000L

39927 Weiler Labeler, Model RL-1

34086 Weiler RFID Labeler, Model LA-3000L

34096 Weiler Tamper-Evident Carton Labeler, Model CL2000R

34097 Weiler Tamper-Evident Carton Labeler, Model CL2000R

39940 Weiler Rotary Labeler, Model RL-1

34087 LSI Side Panel Labeler, Model 1200S

41375 New Jersey Labeler, Model 334 LSBP

32543 Accraply Labeler, Model 4000 TEW

40557 Quadrel Labeler, Model Versaline 2000

Packaging, Shrink Tunnels

36837 Standard Knapp Continuous Tray Packer & Shrink Wrapper, Model 296 Continuum

30932 IMA Shrink Bundler, Model BFD 3727

38657 Eastey "L" Bar Sealer Heat Tunnel, Model EM16TT

Packaging, Automated Palletizers

36881 Pester Robotic Palletizer, Model PEWO Form 6

36882 Pester Robotic Palletizer, Model PEWO Form 6

36896 Pester Robotic Palletizer, Model PEWO Form 6



Packaging Equipment (Cont.)















Chemical and Plastics Equipment

Federal Equipment Company offers process and packaging equipment to a wide range of industries, including **chemical manufacturing equipment** suitable for active pharmaceutical ingredients, fine chemicals and specialty chemicals, as well as plastics manufacturing. We also offer processing equipment suitable for rubber manufacturing, plastics, compounding and extrusion, and material recycling operations including shredders, grinders, granulation, and cutting equipment.

Representative Sampling of Available Equipment Chemical

38601 48" X 24" Robatel Rousselet Basket Centrifuge, 316L S/S, (Unused)

100 Liter Buchi Reactor Train, Glass And Hastelloy10 Gal Kilo Lab System, Glass, Hastelloy, 150/125#

41709 750 Gal Alloy Industries Reactor, Hastelloy C22,

600/150#

Plastics

42639 8" Davis Standard Hot Feed Extruder, 12:1 L/D,

200 HP

41879 44" Davis Standard Sheet Extrusion Line















Investment Recovery Solutions

Investment Recovery Overview

Strategically Managing Surplus Capital Assets.

Federal Equipment Company offers a complete investment recovery service package. We can structure a custom investment recovery service package for your project or company.

Services include:

- Inventory
- Appraisal
- Complete plant dismantling including, rigging, loading, and logistics services
- Specialized marketing and redeployment platforms

In addition, we can help you generate cash for operations, new equipment purchases, or just free up space and reduce storage costs by purchasing:

- Complete facilities
- Entire lines
- Single machines

Whatever your investment recovery project needs, Federal Equipment Company will tailor a solution that meets your requirements.



Associated Services

Negotiated Liquidation Services. We purchase single items, complete process lines, or entire manufacturing plants. We pay the most competitive rates for used equipment and resell it quickly, provide rigging, dismantling, and transportation services, and manage the surplus equipment. We make selling your equipment easy by taking care of all the details.

Client Specific Intranet Sites. We can provide a multi-tiered, password protected Intranet listing portal for inter-company asset redeployment, particularly valuable to organizations with multiple locations and complex equipment management requirements.

Custom Inventory/Sales Software. We use a web-based inventory/sales management system that provides access to customer and equipment data instantaneously, allowing our team to quickly answer inquiries, provide timely quotations, and ensure your equipment sells quickly.

Marketing. A strategic marketing plan is essential to the success of liquidation deals. Our inhouse marketing services provide integrated marketing campaigns that include:

- SEM (Search engine optimization, keyword advertising, PPC)
- Website advertising (banner ads, placed editorial, links)
- · Email marketing
- Trade show marketing
- Direct mail
- Trade publication display and classified advertising

Throughout, Bolded Blue Text Indicates There Is An Image of That Machine

Presorted Standard
U.S Postage
Paid
Cleveland, OH
Permit No. 3630





Federal Equipment Company