

Complete Manufacturing Plants and Process Lines Available

USED PLANTS AVAILABLE | SAVE TIME & CAPITAL

Chemical
Plants

Petrochem
Plants

Fertilizer
Plants

Oil & Gas
Plants

Polymer
Plants

Ethylene
Plants

Pharma
Plants

We Service Industrial Projects In The Following Industries:

Chemical | Agrochemical/Fertilizer | Plastic | Petrochemical
Fine & Specialty Chemical | Pharmaceutical | Polymers
Artificial Fibers | Food Processing | Oil & Gas | Pulp & Paper
Steel | Power Generation | Metals Processing & Refining

**WE WANT TO BUY YOUR IDLED ASSETS
COMPLETE PLANTS, PROCESS LINES & EQUIPMENT**

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**INTERNATIONAL
PROCESS PLANTS**



IPP's used plants allow for SIGNIFICANT CAPITAL SAVINGS versus the cost of new plant design and installation. Most of our plants are readily available and can be IN OPERATION QUICKLY.

International Process Plants (IPP) supplies complete manufacturing plants and process lines to numerous industries. Our portfolio of used industrial plants and processes can bring value to many industrial processes.

We have had proven success in the chemical, pharmaceutical, petrochemical, plastic, fine & specialty chemical, power generation, steel, fertilizer and agrichemical, oil & gas, food processing, paper and metals processing industries. We can accomplish any needs that your project requires, including relocation services, installations and process expansions.

Chemical Plants

Acetic Acid.....	2
Adipic Acid.....	3
Aluminum Sulfate.....	3
BoPET.....	3
BOPP.....	3
Caustic Chlorine.....	3
Caustic Soda.....	3
Dicalcium Phosphate.....	4
Diocetyl Phthalate (DOP).....	4
Dimethyl Ether (DME).....	4
Formic Acid.....	4
Glycerine.....	5
HyCO.....	3
Hydrogen Cyanide (HCN).....	5
Hydrogen Peroxide.....	5
Pentaerythritol.....	6
Phthalic Anhydride.....	7
Polyethylene Terephthalate (PET).....	7
Polyols.....	7

Petrochemical Plants

Acrylic Acid.....	2
Acrylonitrile (ACN).....	2
Butadiene Extraction.....	3
Carbon Black.....	3
Cumene.....	3
Cyclohexane.....	3
Dimethyl Ketone (DMK).....	4
Ethylene.....	4
Ethylene Glycol.....	4
Ethylene Oxide.....	4
Formaldehyde.....	4
Meta-Xylene.....	5
Methyl Amines.....	6
Methyl Amyl Ketone (MAK).....	6
Methyl Isobutyl Carbinol (MIBC).....	6
Methyl Isobutyl Ketone (MIBK).....	6
Methyl Methacrylate (MMA).....	6
Methyl Tert-Butyl Ether (MTBE).....	6
Paraformaldehyde.....	6
Phenol.....	7
Polyethylene.....	7
Polyoxymethylene (POM).....	7
Propane Dehydrogenation (PDH).....	8
Styrene Monomer.....	8

Fertilizer/Agrochemical Plants

Ammonia.....	3
Ammonium Nitrate.....	3
Ammonium Sulfate.....	3
Diammonium Phosphate (DAP).....	4
Fertilizer.....	4
Herbicide.....	5
Monoammonium Phosphate (MAP).....	6
Nitric Acid.....	6
Phosphoric Acid.....	7
Sulfuric Acid.....	8
Urea.....	9

Polymer Plants

Caprolactam.....	3
Nylon 66.....	6
Polyester Resin.....	7
Polyvinyl Chloride (PVC).....	8
Vinyl Chloride Monomer (VCM).....	9

Specialty Chemical Plants

Acrylic Fiber (PAN).....	2
Adhesives.....	3
Fiberboard.....	4
Isopropyl Alcohol (IPA).....	5
Magnesium Sulfate.....	5
Melt Spinning.....	5
Titanium Dioxide.....	8

Oil & Gas Plants

Biodiesel.....	3
Gasification.....	5
Methanol.....	6
Refineries.....	8

Industrial Gas Plants

Air Separation.....	3
Argon.....	3
CO ₂	3
Electrolysis.....	4
Hydrogen.....	5
Nitrogen.....	3
Oxygen.....	3

Pharmaceutical Plants

API.....	7
Fermentation.....	4
Penicillin.....	6
Pharmaceutical.....	7

Power Plants

50 & 60 Hz.....	8
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Food Plants

Olive Oil.....	6
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Pulp & Paper Plants

Pulp & Paper.....	6
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Metals Plants

Nickel.....	6
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400 mtpd Acetic Acid Plant #601491

99.9% pure acetic acid / glacial acetic acid. Acetic acid is produced by the continuous reaction of carbon monoxide and methanol. Small amounts of propionic acid, hydrogen and carbon dioxide are also produced in the process.

Plants That IPP Is Currently Looking To Purchase

SEE THE BENEFITS OF WORKING WITH IPP ON PAGE 11

Acetic Acid	Hydrogen
Adipic Acid	Hydrogen Peroxide
Air Separation	Isomerization
Aluminum Sulphate	Isopropyl Alcohol (IPA)
Ammonia	LLDPE
Ammonium Nitrate	Magnesium
Ammonium Sulfate	Methanol
Biodiesel	Milk Powder
Bisphenol A	Nitric Acid
Bitumen	Nitric Acid Concentration
Bone Meal	Nitrogen
Bromide	NPK Fertilizer
Butadiene	Oxo Alcohol
Calcium Chloride	Paper
Calcium Hypochlorite	Paraformaldehyde
Carbon Dioxide	Particleboard
Carbon Disulfide	PET Coke
Carboxyl Methyl Cellulose	Pesticides & Herbicides
Caustic Chlorine	Pharmaceutical (API)
Caustic Soda	Phosphoric Acid
Cement	Pigment
Chemical Manufacturing	Polyester Resins
Chlorine	Polyethylene Terephthalate
Compounding	Polyols
Concentrated Caustic Soda	Polypropylene (PP)
Deasphalting	Polyvinyl Chloride (PVC)
Detergent	Power Plant
Di-Calcium Phosphate (DCP)	Propylene Splitter
Diocetyl Phthalate (DOP)	Purified Terephthalic Acid
Diphenylamine	PVC Callendering
Edible Oil	Refinery
Esterification	Micro Refinery
Ethanol	Salt
Ethoxylation (Ethylene Oxide)	Single Super Phosphate (SSP)
Ethylene	Soda Ash
Extruded Polystyrene (XPS)	Styrene
Fatty Acid	Sulfuric Acid (SA)
Fermentation	Sulphonation
Fertilizer	Sulphonic Acid
Fiberglass Furnace	Super Absorbent Polymer
Formic Acid	Super Critical Extraction
Furfural	Unsaturated Polyester Resin
Gas Purification (Amine)	Urea Plant
Glycerin	Zinc

Acetic Acid

Acetic Acid with Methanol Plant

150,000 tpy and 190,000 tpy #601666

Acetic Acid Plant

400 mtpd #601491

Acrylic Acid

Acrylic Acid Plants

50,000 tpy and 60,000 tpy #601452

Acrylic Fiber (PAN)

Acrylic Fiber (PAN) Plant

45,000 tpy and 34,000 tpy #600578

Acrylonitrile (ACN)

Acrylonitrile Plant

55,000 tpy #601714

Acrylonitrile Plant

25,000 tpy #601713

THIS LIST IS A SAMPLE OF OUR CURRENT INVENTORY. PLEASE CONTACT YOUR IPP SALESPERSON OR CALL +1-609-586-8004 IF YOU DO NOT SEE THE PLANT OR PROCESS YOU REQUIRE.

Looking to increase production capacity of your existing plant? In addition to providing quality plants and processes as well as good used equipment to many industries, IPP can also supply complete systems to expand your process. If you have a need for reaction, drying, distillation, separation, storage or fermentation systems, you should speak with IPP about our capabilities.

WE WANT TO BUY YOUR IDLED ASSETS COMPLETE PLANTS, PROCESS LINES & EQUIPMENT

If your company has idled manufacturing plants, systems or equipment, or you are aware of any that are closed or soon-to-be-idled, please contact IPP. There are many costs associated with the closure or reduction of a process. More often than not, the costs can outweigh the profits of any equipment, building, or land sales.

Adhesives

Adhesives Plant

7,000 mtpy #601725

Adipic Acid

Adipic Acid Plants

(2) 28,000 tpy plants #601638

Air Separation

Air Separation Plant

1,600 mtpd #601105

Unused Air Separation Plant

770 tpd #601565

Air Separation Plant (GOX with GAN)

250 tpd #601629

Air Separation Plant (GOX with GAN)

190 tpd #601595

Air Separation Plant (GOX with GAN)

70 tpd #601517

Oxygen, Nitrogen and Argon Plants

(GOX, GAN, LOX, LIN, LAR)

(3) plants (325 to 950 tpd) #601552

Oxygen (VSA) Plant

60 tpd #601522

HyCO Plant

22,000 Nm³/hr #601357

Aluminum Sulfate

Aluminum Sulfate Plant with Sulfuric Acid

30 tpd and 200 tpd Sulfuric Acid #601299

Ammonia

Ammonia Synthesis Plant

250 tpd #600637

Ammonia and Urea Plants Complex

1,750 mtpd Ammonia, 3,000 mtpd Urea

#601549

Ammonia and Urea Plants Complex

1,100 mtpd Ammonia, 1,300 tpd Urea

#601272

Ammonia and Urea Plants Complex

600 tpd Ammonia, 550 tpd Urea #601596

Ammonium Nitrate

Ammonium Nitrate Plant

120,000 tpy Bulk Emulsion Explosives

#601537

Ammonium Nitrate Plant

400 tpd #601626

Ammonium Nitrate Plant

300 tpd Prilled #600265

Ammonium Nitrate Plant

150 tpd #601374

Ammonium Sulfate

Ammonium Sulfate Plant

113,000 tpy #601665

Biodiesel

Biodiesel Plant

5MM gpy #601698

BoPET

Biaxially-Oriented Polyethylene

Terephthalate Plant

(3) 3.800 mm lines #601369

BOPP

Bi-Oriented Polypropylene Plant

4,800 tpy line #601368

Butadiene Extraction

Butadiene Extraction Plant

75,000 mtpy #601375

Butadiene Extraction Plant

55,000 mtpy #600014

Caprolactam

Caprolactam Plant

50,000 to 60,000 tpy #601665

Caprolactam Plants Complex

60,000 tpy #600883



75,000 mtpy 1,3-Butadiene Plant #601375

This plant extracts 99.5%+ pure butadiene from a C₄ stream using DMF (dimethylformamide) as the extractive solvent. It is relatively new and in excellent condition.

Carbon Black

Carbon Black Plant

30,000 tpy #601641

Caustic Chlorine

Caustic Chlorine Plant

60,000 tpy #601426

Caustic Soda

Caustic Soda (Chlor Alkali) Plant

60 tpd #601328

Cumene

Cumene Plant (with Phenol plant)

355,000 tpy #601059

Cyclohexane

Cyclohexane Plant

185,000 tpy #601718



Ammonia and Urea Plants Complex #601549

1,750 mtpd ammonia and 3,000 mtpd urea. Facility produces liquid ammonia and granular urea fertilizer. There are two ammonia lines and three urea lines.

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buyusedplants@ippe.com www.ippe.com Have industrial assets for sale? Let IPP know.



450,000 tpy Ethylene Plants Complex #601375

Producing 1,300 tpd ethylene, 525 tpd polymer grade propylene, 250 tpd chemical grade propylene and 275 tpd butadiene. Process areas include furnaces/pyrolysis fractionator/quench tower, gas compression and acid gas removal, low temp. separation, propylene/propane, refrigerant compression, acetylene recovery unit, BD hydrogenation, gasoline hydrotreater, and butadiene extraction unit.

Diammonium Phosphate (DAP)

Diammonium Phosphate (DAP) Plant
250,000 tpy #601678

Ethylene Glycol

Ethylene Glycol Plant
100,000 mtpy #600575

Dicalcium Phosphate

Dicalcium Phosphate Plant
25,000 tpy #601381

Diocetyl Phthalate (DOP)

Diocetyl Phthalate (DOP) Plant
85,000 tpy #601711

Diocetyl Phthalate (DOP) Plant
225 tpd (68,000 tpy) #601670

Dimethyl Ether (DME)

Dimethyl Ether (DME) Plant
30,000 tpy #601651

Electrolysis

Electrolysis Plant
18,000 Nm³/hr #600636

Ethylene

Ethane Cracker

180,000 tpy #601700

See feature on page 10

Ethylene Plant Complex

450,000 tpy #601375

Ethylene Plant

260,000 tpy #601654

Ethylene Plant

125,000 tpy #600573



Ethylene Oxide

Ethylene Oxide Plant

30,000 mtpy #600574

Fermentation

Algae Fermentation Plant

8,500 lbs/hr Dry Algae #601710

Fertilizer

(2) Fertilizer Plants (NPK)

200,000 tpy and 180,000 tpy NPK

#601704

Fertilizer Plant (NPK)

100,000 tpy NPK #601635

See feature on page 10

Fertilizer Plant (NPK)

400 tpd NPK #601652

Fertilizer Formulation/Coating Plants

2 plants (20 to 150 mtph each) #601673

Fiberboard

Medium Density Fiberboard (MDF)

Panel Plant

350 mc gg #601583

Formaldehyde

Formaldehyde & Urea Form Resin Plant

140 mtph (49,000 mtpy) #601538

Formaldehyde & Urea Form Resin Plant

110,000 tpy Formaldehyde and

140,000 tpy Urea Form #601523

Formic Acid

Formic Acid Plant

10,000 tpy #601467

30,000 tpy Dimethyl Ether (DME) Plant

#601651

The dimethyl ether plant produces aerosol grade DME from feedstock methanol. This plant was newly built using modern technology and operated for just two years. It is a well designed and compact unit, allowing for ease in dismantling, packing and relocation as a complete plant. Equipment is almost new and in very good condition. Spare charge of catalyst is in warehouse and good for service.

Methanol is dehydrated over an alumina catalyst. The crude product is refined in distillation columns, after which unconverted methanol feedstock is recovered for recycle and product DME is obtained. This DME plant produces high purity dimethyl ether having a residual contact of methanol less than 1 ppm (no color, no smell and zero sulfur).

We have an extensive database of plants that are currently for sale around the world. International Process Plants has over 150 plants and process lines in our inventory, so let's discuss your current and planned projects and find out how we can work together.

We are also interested in purchasing closed or idled plants and processes your company is considering selling.



3,000 mtpd Refinery Gasification Plant (IGCC) #600759

This plant converts refinery residues into clean synthesis gas (syngas) and can be converted to use PET coke or coal as the input. It consumes 59 metric tons/hr (1,400 mtpd) of heavy residues to produce 130 metric tons/hr (3,00 mtpd) of clean syngas, consisting primarily of CO and H₂. The facility is over-designed to accommodate crude oils other than the standard Arab Heavy.

Gasification

Refinery Gasification (IGCC) Plant
3,000 mtpd #600759

Gasification Plant
600,000 tpy #601703

Gasifiers
(2) 130,000 Nm³/hr #601250

Glycerine

Glycerine Purification Plant
10 MM lbs/yr #601667

Herbicide

Herbicide Plant
14,800 tpy #601442

Hydrogen

Hydrogen Plant
25,000 Nm³/hr #600646

Hydrogen Plant
10,000 Nm³/hr #601192

Hydrogen Plant
6,500 Nm³/hr #600394

Hydrogen Plants
(2) 1,700 Nm³/hr #601656 & #601284

Hydrogen Cyanide (HCN)

Hydrogen Cyanide Plant
5,000 tpy #601715

Hydrogen Peroxide

Hydrogen Peroxide Plant
50,000 mtpy #601164

Hydrogen Peroxide Plant
10,000 tpy #601353

Isopropyl Alcohol (IPA)

Isopropyl Alcohol Plant
45,000 tpy IPA #601729

Electronic Grade IPA Plant
10,000 tpy EL, 36,000 tpy IPA #600753

Magnesium Sulfate

Magnesium Sulfate Plant
170,000 tpy #601530

Melt Spinning

Melt Spinning Plant
300 kg/day #601644

Meta-Xylene

Meta-Xylene Plant
275 MM lbs/yr #601056



IPP offers processing industries a faster-to-market solution with less capital investment by using second-hand plants and process units that are available now.

170,000 tpy Magnesium Sulfate Plant #601530

Built in 2012, this plant involves the reaction of magnesium oxide and weak sulfuric acid, resulting in a final product of dry magnesium sulfate.



10,000 Nm³/hr Hydrogen Plant #601192

99.98% pure hydrogen is produced using butane feedstock in two 5,000 Nm³/hr lines, each sharing a common five-effect skid.

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200,000 tpy Methanol Plant #601458

Built in 2008, this plant utilizes a two-stage natural gas transforming system and three tower distillation.



Methanol

Methanol Synthesis Loop Plant

500,000 tpy #600226

Methanol Plant

200,000 tpy #601458

Methanol Plant

110,000 tpy #601527

Methanol Plant

95,000 tpy #601610

Methyl Amines

Methyl Amines Plant

10,000 mtpy #601640

Methyl Amyl Ketone (MAK) and Dimethyl Ketone (DMK)

Methyl Amyl Ketone and

Dimethyl Ketone Plant

27,000 tpy #601723

Methyl Isobutyl Carbinol (MIBC)

Methyl Isobutyl Carbinol Plant

2,000 tpy (from MIBK) #601724



150 tpd Nitric Acid Plant #601627

100% acid basis. 56% concentration. The plant uses a pelletized metallic oxide catalyst instead of platinum gauze for the oxidation process. It is equipped with a fume abater for NOx abatement.

Methyl Isobutyl Ketone (MIBK)

Methyl Isobutyl Ketone Plant

8,000 tpy #601724

Methyl Methacrylate (MMA)

Methyl Methacrylate (MMA) Plant

120,000 tpy #600885

Methyl Tert-Butyl Ether (MTBE)

Methyl Tert-Butyl Ether (MTBE) Plant

33,000 mtpy #601722

Monoammonium Phosphate (MAP)

Monoammonium Phosphate Plant

200,000 tpy #601709

Nickel

Nickel Smelter and Refining Plant

6,000 tpy #601721

Nitric Acid

Nitric Acid Plant

750 mtpd #601535

Nitric Acid Plant

500 stpd #601515

Nitric Acid Plant

360 tpd #601702

Nitric Acid Plant

(2) 350 tpd #601536

Nitric Acid Plant

(2) 325 tpd #601559

Nitric Acid Plant

210 tpd (NA1) #601683

Nitric Acid Plant

150 tpd #601627

Nitric Acid Plant

110 tpd (60% weak) #601371

Nitric Acid Plant

110 tpd (99% strong) #601372

Nylon 66

Nylon 66 Plant

46,000 tpy #601485

Olive Oil

Olive Oil Plant

40 tpd #601619

Paper

Pulp and Paper Plant

325,000 tpy pulp, 280,000 tpy paper

#601694

Coated Paper Plant

250 tpd #601693

Paper Impregnation Line

85 meter/minute #601613

Paraformaldehyde

Paraformaldehyde Plant

6,500 tpy #601488

Penicillin

Penicillin Plant

85 tpd #601122

Pentaerythritol

Pentaerythritol Plant

8,500 tpy #601612

6,500 tpy Paraformaldehyde Plant #601488

This facility can produce 6,500 tpy solid type (flakes) paraformaldehyde and 1,000 tpy high concentrated formaldehyde stabilized with methanol. The continuous process is carried out in three stages.



Looking to increase production capacity of your existing plant? In addition to providing quality plants and processes as well as good used equipment to many industries, IPP can also supply complete systems to expand your process. If you have a need for reaction, drying, distillation, separation, storage or fermentation systems, you should speak with IPP about our capabilities.

Pharmaceutical

Active Pharmaceutical Ingredients
Small Scale API Plant #601695

Active Pharmaceutical Ingredients
550 tpy API Plant #601466

Pharmaceutical Plant
1,700 MM tablets/year #601672

Phenol

Phenol Plant (with Cumene Plant)
200,000 tpy phenol and
125,000 tpy acetone #601060

Phenol Plant
50,000 tpy phenol and
58,500 tpy acetone #601705

Phosphoric Acid

Phosphoric Acid Plant
170 tpd #601708

Phthalic Anhydride

Phthalic Anhydride Plant
45,000 tpy #601712

Phthalic Anhydride Plant
142 mmpy #601675

Polyester Resin

Unsaturated Polyester Resin Plant
20,000 mtpy #601461

Polyethylene

High Density Polyethylene Plant
131,000 tpy HDPE #601117

Low Density Polyethylene Plant
237,000 tpy LDPE #601274

Low Density Polyethylene Plant
50,000 tpy LDPE #601360

Linear Low Density Polyethylene Plant
145,000 tpy LLDPE #601115

Polyethylene Terephthalate (PET)

Multiple esterification and
polymerization lines

131,000 tpy High Density Polyethylene Plant (HDPE) #601117

HDPE is produced by the polymerization of ethylene. The plant consists of the following sections shared by two product lines: polymerization, centrifugation and drying, additive and granulation, storage and packaging, recovery of byproducts, and treatment of gaseous affluents.



200,000 tpy Phenol Plant #601060

Capable of up to 200,000 tpy of phenol and 125,000 tpy of acetone production, this phenol facility utilizes two reaction phases. This plant is part of complex capable of producing up to 355,000 tpy of cumene.

We have an extensive database of plants that are currently for sale around the world, so please let us know about any industrial projects in the planning or expansion phase.

20,000 tpy Polyols Plant #600893

This polyols facility consists of two completely independent lines, each capable of producing a full range of polyols. Each production train has a reaction and finishing section.



Polyols

Polyols Plant
20,000 tpy #600893

Polyoxymethylene (POM)

Polyoxymethylene (POM) Plant
60,000 tpy #601681

Polyoxymethylene (POM) Plant
55,000 tpy #601696



125,000 tpy PVC Plant #601569

This PVC plant is a first class plant with updated technology and like new equipment. Process sections include VCM polymerization, demonomerization, recovery of un-reacted VCM, PVC suspension drying, and PVC packaging.



Sulfuric Acid

Sulfuric Acid Plant

1,650 mtpd #601443

Sulfuric Acid Plant

400 mtpd #600601

**Sulfuric Acid Plant
(with Aluminum Sulfate Plant)**

200 tpd SA, 30 tpd Aluminum Sulfate
#601298

Sulfuric Acid Plant

40 tpd #600622

Titanium Dioxide

Titanium Dioxide Plant

80,000 tpy #601344

Polyvinyl Chloride (PVC)

Polyvinyl Chloride (PVC) Plant

125,000 tpy #601569

Emulsion PVC (E-PVC) Plant

24,000 tpy E-PVC #601571

Power Plants

50 Hz and 60 Hz facilities of varying capacities available

Propane Dehydrogenation (PDH)

Propane Dehydrogenation Plant

330,000 tpy Polymer Grade PDH and 90,000 tpy Chemical Grade PDH #601716

Refineries

Crude Oil Refinery

200,000 bpd #601413

Crude Oil Refinery

70,000 bpd #601516

Crude Oil Refinery

70,000 bpd (13) units totaling 3.2 mtpy #600609

Crude Oil Refinery

52,000 bpd #601093

Crude Oil Refinery

21,700 bpd #601614

Styrene Monomer

Styrene Monomer Plant

285,000 mtpy #601717

1,650 tpd Sulfuric Acid Plant #601443

This plant is capable of producing 1,650 tons per day of sulfuric acid with 99.2% concentration. In addition to sulfuric acid, this plant can also produce 250 tons per day of oleum. It has proven reliability at 98% on-stream time. In recent years almost all major equipment has been replaced.



200,000 BPD Crude Oil Refinery #601413

This refinery is available for sale as a complete refinery or as individual units. Refinery units available include distillation units (i.e. naphtha fractionator), treating units (naphtha unifiner and heavy diesel unifiner), conversion units, sulfur recovery units (sulfur recovery and tail gas heating), gas treating units, reforming units and hydrogen manufacturing units.



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8 We are also interested in purchasing closed or idled plants and processes your company is considering selling.

IPP PURCHASES CLOSED PLANTS & PROCESSES

International Process Plants can help you monetize a plant closure through the purchase of your closed plant. Our objectives are to work with companies to meet their plant and equipment needs, reorganizations and rationalizations. This may include our purchase of your complete plant with the land, buildings and assuming the environmental liabilities.

CALL +1-609-586-8004 IF YOU OWN A PLANT THAT IS FOR SALE, OR KNOW OF ONE THAT IS AVAILABLE.



1,500 tpd Urea Granulation Plant #600709

This late model urea granulation plant is made up of two sections, urea granulation production and process condensate treatment. In the fluid bed process of the urea granulation section, granular urea is produced by spraying liquid urea onto seed material in a fluidized state.

Urea

Urea and Ammonia Plants Complex
1,750 mtpd Ammonia, 3,000 mtpd Urea
#601549

Urea and Ammonia Plants Complex
1,100 mtpd Ammonia, 1,300 tpd Urea
#601272

Urea and Ammonia Plants Complex
600 tpd Ammonia, 550 tpd Urea #601596

Urea Granulation Plant
1,500 tpd #600709

Urea Formaldehyde Resin

Urea Formaldehyde Resin Plant
55,000 tpy #601561

Vinyl Chloride Monomer (VCM)

Vinyl Chloride Monomer Plant
with associated EDC Plant
185,000 tpy #601728

Vinyl Chloride Monomer Plant
with associated EDC Plant
170,000 tpy #601570

**If you have an industrial project or expansion,
IPP would like to speak with you.**

**With over 150 available complete plants and systems,
it is likely we have the process you require.**

55,000 tpy Urea Formaldehyde Resins Plant #601561

Urea formaldehyde resins are obtained by a poly condensation reaction of urea and formaldehyde in an acid medium. All reactors in the plant can run independently from each other and have a DCS process control system. Process steps include formaldehyde loading, pH correction, urea addition, reaction mixture heating, acidification (pH reduction) to start polycondensation reaction, resin cooling and final product transfer.



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FEATURED PLANT ACQUISITIONS

ETHANE CRACKER | NPK FERTILIZER PLANT



We Can Source Any Plant, Anywhere In the World

At any given time, IPP's business development team is in constant conversation with companies around the world that are in idled or soon-to-be idled situations. If we do not have the production plant or line you require at the current time, there is a pretty good chance we're in discussions to acquire one.

Benefits Of Buying A Plant From IPP

We are not brokers, we are buyers. IPP's plants cost a fraction of the capital needed to build new ones. Another benefit for IPP's clients is saving valuable time-to-market. Most plants can be relocated and ready for operation within 18 months or less, when compared to new plant sourcing and construction that can take 4 years or longer.

Ethane Cracker #601700

180,000 tpy

This plant utilizes the Lummus technology of pyrolysis with ethane as the feedstock to produce ethylene with a purity of 99.96%. Byproducts include hydrogen, methane, propane and propylene. The process includes six pyrolysis furnaces with gas burners, gas compressor, acetylene reactor and multiple dryers and columns.

NPK Fertilizer Plant #601635

100,000 tpy

Built in 2010, this plant was designed for the production of NPK granular fertilizers. It is still in operation and good working condition. This opportunity is available to operate in place or relocate to your site. The process involves the following steps: storage and dosage of raw materials, grinding, mixing and granulation, drying and cooling, and intermediate products storage and final product packaging.



IPP At A Glance:

90% of IPP's purchases are from large multinationals.

IPP's business relationships include every Fortune 100 member and 92% of the Fortune 500 members that operate in the industries we serve.

IPP has sold production plants or equipment to over 10,000 small to mid-sized manufacturers around the world.

Looking to increase production capacity of your existing plant? In addition to providing quality plants and processes as well as good used equipment to many industries, IPP can also supply complete systems to expand your process. If you have a need for reaction, drying, distillation, separation, storage or fermentation systems, you should speak with IPP about our capabilities.

WE ARE CASH BUYERS FOR IDLED ASSETS

IPP Pays Top Dollar for Idled Plants, Process Lines & Equipment

IPP WORKS WITH COMPANIES ON THE FOLLOWING:

- Divestitures
- Plant shut downs
- Dismantling and demolition
- Acquisitions
- Equipment purchases
- Real estate
- Capital projects
- Warehouse inventory reductions

International Process Plants buys individual pieces of equipment, production lines, and complete manufacturing plants including buildings and real estate.

We also provide turnkey dismantling, removal and demolition services. In many cases, IPP will take on the environmental remediation.

IPP purchases assets from corporations restructuring their manufacturing portfolio.

In addition to buying idled assets, IPP:

- ✓ Provides solutions for industrial projects
 - We own and have for sale 100 complete plants and processes
 - We maintain a vast inventory of equipment to aid in process expansion and replacement
- ✓ Executes turnkey reclamation / demolition projects
- ✓ Completed over 300 major plant sales, closures and demolition projects
 - **We recycle over 95% of project materials.**
 - **We are the experts at what we do.**

The logo for International Process Plants (IPP) features the letters 'IPP' in a large, stylized, blue serif font. The letters are bold and closely spaced, with the 'I' and 'P's having a classic, slightly ornate design.

INTERNATIONAL
PROCESS PLANTS

CONTACT US Call +1-609-586-8004 or e-mail buyusedplants@ippe.com.

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**IPP KEEPS YOUR COMPANY'S
BOTTOM LINE IN MIND**



**INTERNATIONAL
PROCESS PLANTS**

410 Princeton Hightstown Rd
Princeton Junction, NJ
08550 USA

Mailroom: Please deliver to the Owner, Plant Manager or Process Engineer if addressee is no longer available.

Complete Plants & Process Lines Available Now

International Process keeps an inventory of over 150 complete plants and process lines to serve your process needs. All of our used plants offer significant savings in capital investment and time compared with new plant construction.

Methanol Plant
200,000 tpy



[CLICK HERE](#)

#601458

Acetic Acid Plant
400 mtpd



[CLICK HERE](#)

#601491

Cumene Plant
355,000 tpy



[CLICK HERE](#)

#601059

Ethylene Complex
450,000 tpy



[CLICK HERE](#)

#601375

Hydrogen Plant
10,000 Nm³/hr



[CLICK HERE](#)

#601192

Magnesium Sulfate Plant
170,000 tpy



[CLICK HERE](#)

#601530

Nitric Acid Plants
110 tpd to 750 mtpd



[CLICK HERE](#)

COMPLETE PLANTS & PROCESS LINES AVAILABLE NOW

Gasification | Ethylene | Nitric Acid | Butadiene | Acetic Acid | PET Resins | Sulfuric Acid
Polypropylene | Hydrogen | Methanol | Crude Oil Refineries | Urea | Phosphoric Acid | PVC
VAM | Phenol & Cumene | Ammonia | IPA | Caprolactam | LNG | Edible Oils | Detergent
API | Maleic Anhydride | Fatty Acid | Paraformaldehyde | LPG Terminal | Magnesium Sulphate

If you do not see the process you require in this list of available plants, call +1-609-586-8004 or visit www.ippe.com to explore our plant inventory.

If your company owns a plant, or is aware of any that are closed or soon-to-be-idled, we would like to speak with you. Please call +1-609-586-8004 or e-mail buyusedplants@ippe.com.