WORKING TOGETHER TO HELP
PROTECT THE ENVIRONMENT
FILTRATION TECHNOLOGY WORLDWIDE

DRIVING DOWN THE COSTS OF BETTER SOLID/LIQUID SEPARATION

Latham International Ltd are specialists operating at the forefront of today’s pressure filtration technology. Our filter presses achieve a more efficient level of solid/liquid separation than alternative methods. Our success is founded on world class standards of service and know-how: developing tailor-made systems which drive down costs for our customers and deliver clearer filtrates from more compact, easy-to-manage cakes.

HIGH PERFORMANCE THROUGH INNOVATION

Since our foundation in 1981 we have established a position as world leaders in pressure filtration systems. Innovation is the key, responding to the demand for higher and higher levels of performance – often driven by environmental concerns. Available in fully automatic form or requiring no special skills to operate, our presses are reliable, easy to maintain, and engineered for continuous long life performance.

DESIGN. MANUFACTURE. INSTALL. REFURBISH

Our pioneering approach is backed up by a project management service geared to designing systems that match your precise filtration needs. The starting point is a detailed technical evaluation followed by design proposals and costs. Installation is carried out by our own highly qualified engineering team who will commission the system and train customer staff. Where refurbishment of existing plant offers a more cost effective solution, we will design and install the upgrade.

WORLDWIDE

Our customers span a wide range of industries: food and drink, brewing, chemicals, textiles, ceramics, plastics, paper, and mining, as well as water and sewage treatment and many more. We work as enthusiastically with smaller companies as with big “blue-chip” names. And with an international network of experienced agents now in place, we are able to take our special brand of high efficiency de-watering solutions anywhere in the world.
Filtration Technology Worldwide
Driving Down the Costs of Better Solid/Liquid Separation

Latham International Ltd are specialists operating at the forefront of today's pressure filtration technology. Our filter presses achieve a more efficient level of solid/liquid separation than alternative methods. Our success is founded on world class standards of service and know-how: developing tailor-made systems which drive down costs for our customers and deliver clearer filtrates from more compact, easy-to-manage cakes.

High Performance Through Innovation
Since our foundation in 1981 we have established a position as world leaders in pressure filtration systems. Innovation is the key, responding to the demand for higher and higher levels of performance – often driven by environmental concerns. Available in fully automatic form or requiring no special skills to operate, our presses are reliable, easy to maintain, and engineered for continuous long life performance.

Design. Manufacture. Install. Refurbish
Our pioneering approach is backed up by a project management service geared to designing systems that match your precise filtration needs. The starting point is a detailed technical evaluation followed by design proposals and costs. Installation is carried out by our own highly qualified engineering team who will commission the system and train customer staff. Where refurbishment of existing plant offers a more cost-effective solution, we will design and install the upgrade.

Worldwide
Our customers span a wide range of industries: food and drink, brewing, chemicals, textiles, ceramics, plastics, paper, and mining, as well as water and sewage treatment and many more. We work as enthusiastically with smaller companies as with big "blue-chip" names. And with an international network of experienced agents now in place, we are able to take our special brand of high efficiency de-watering solutions anywhere in the world.

Applications
- 4
- Range
- 4
- Automatic Cloth Washer
- 5
- Plate Separator
- 5
- Filter Press Systems
- 6
- Fully Automatic Filter Press
- 7
- Latham International Range of New Presses
- 8
- Fully Refurbished Filter Presses and Upgrading of Existing Equipment
- 10
- Latham International Ram Pump
- 11
- Filter Presses In the Ceramic Industry
- 12
- Filter Presses in the Mining Industry and Process Applications
- 13
- Turnkey Systems for Water and Sewage Treatment
- 14
- In House and Site Filtration Evaluation Trials
- 15
- Spares and Service
- 16
- A Filter Press Operation
- 17
- Features and Benefits of a Latham International Filter Press
- 17
- Examples of Typical Filter Presses
- 18
- Agents
- 19
Applications

Sewage Treatment Plants:
Municipal and industrial sludges.

Water Treatment: -
Alum and ferric sludges. Backwash water recovery.

Chemical Processing: -
Dyes and pigments. Titanium dioxide solid-liquid separation in the chemical and pharmaceutical industry.

Industrial: -
Plating and metal finishing, tannery waste, textiles, paint etc.

Metals, Minerals: -
Hydroxides, precious metal recovery, mining etc.

Ceramics: -
Body preparation and glaze recovery.

Food & Beverage: -
Sugar beet & crane treatment, Brewing, edible oils, waxes and fats etc.

Range

Sidebar/push to close design
250mm² - 2.1m² single or twin ram.

Automatic Cloth Washer

The unique Latham International low head automatic cloth washing machine is available on all its press sizes and can be retrofitted on to existing filter presses with minimal downtime.

Effective cloth washing results in better cake and filtrate quality, extended cloth life and no labour involvement.

Located either on each sidebar or overhead beam, the cloth washing machine operates as an integral unit with the plate separator. During the normal operating procedure, the cloth washer is parked at the moving end of the press. When the cloth wash is selected the automatic plate moving mechanism collects the cloth washer and locks it into position. The cloth wash cycle then begins with the wash arm individually washing one chamber at a time.

Spray pressure up to: -
100 bar

Traverse speed: -
variable.

The whole range of Latham International filter presses can be supplied with an automatic plate moving mechanism. On the sidebar version two carriages driven by a hydraulic motor powered from the main power pack pick up on each side of the plate, ensuring accurate and efficient plate movement.

On the overhead version a single carriage is mounted on the overhead beam, again driven by a single hydraulic motor. The carriage can be supplied in various forms to give the following functions:

1. Built in hold back device ensuring only one plate is moved at a time.
2. Plate shaking device, enhancing cake discharge.
3. Multiple linking of plates giving quicker cake discharge.
4. Pendant control.
5. Fully automatic with photo electric light guards and lanyard reset.

Sidebar Version

Cloth Washer

Platemech Carriage Operation

Overhead/Pull to close design

Cloth Washing Machine

Fitted to a 1500mm Square Sidebar Filter Press

Overhead/Push to close design

Overhead/Pull to close design
**Automatic Cloth Washer**

The unique Latham International low head automatic cloth washing machine is available on all its press sizes and can be retrofitted on to existing filter presses with minimal downtime.

Effective cloth washing results in better cake and filtrate quality, extended cloth life and no labour involvement.

Located either on each sidebar or overhead beam, the cloth washing machine operates as an integral unit with the plate separator. During the normal operating procedure, the cloth washer is parked at the moving end of the press. When the cloth wash is selected the automatic plate moving mechanism collects the cloth washer and locks it into position. The cloth wash cycle then begins with the wash arm individually washing one chamber at a time.

**Spray pressure up to:** - 100 bar

**Traverse speed:** - variable.

---

**Plate Separator**

The whole range of Latham International filter presses can be supplied with an automatic plate moving mechanism. On the sidebar version two carriages driven by a hydraulic motor powered from the main power pack pick up on each side of the plate, ensuring accurate and efficient plate movement.

On the overhead version a single carriage is mounted on the overhead beam, again driven by a single hydraulic motor. The carriage can be supplied in various forms to give the following functions:

1. Built in hold back device ensuring only one plate is moved at a time.
2. Plate shaking device, enhancing cake discharge.
3. Multiple linking of plates giving quicker cake discharge.
4. Pendant control.
5. Fully automatic with photo electric light guards and lanyard reset.
Filter Press Systems—Methods of Operation

Conventional Recessed Chamber Plates:

Membrane Chamber Plates:

Membrane chamber plates are used on more difficult sludges. The use of membranes can considerably increase cake dry solids and reduce cycle times.

Plate & Frame:

Generally only used for polishing applications where the use of a filter paper is required.
Fully Automatic Filter Press

Generally used on rapid cycling sludges where a good cake is formed. Can be adopted for conventional or membrane plates. Gives the following advantages:

- No operator involvement
- Automatic cake discharge
- High throughput
- Reduce civil costs due to size of unit

The unique design of multiple linked and shaken plates ensures clean and consistent cake discharge.

The unit can be supplied in various sizes from 250mm Square to 2.1m Square with linked chambers.

Full automation would include a PLC to control all press functions and automatic valve actuation.

Cycle time can be monitored by filtrate flow back pressure or on a variable timer.
Latham International Range of New Presses

A full range of presses are available in either side bar or overslung version. Hydraulics can either be electro or air operated for explosive environments.

- **Manual**—With Hand Hydraulic Closing and Manual Plate Moving.
- **Semi Mechanised**—With Electrically or Air Operated Hydraulic Closing and Manual Plate Moving.
- **Fully Mechanised**—With Electrically or Air Operated Hydraulic Closing and Mechanised Plate Moving

**Filter Press Framework:**
Fabricated Mild Steel or Stainless Steel.
Pressures:- up to 30bar
Fitted with filter plates sizes ranging from 250mm Square for small laboratory presses, up to 2.1m Square for full scale installations.

**Filter Plates:**
The filter plates are available in a range of materials and designs.
Materials:
- Highly heat stabilised Polypropylene up to 95ºC
- PVDF for higher temperature applications.
- Cast Iron.

Filter Plate Designs:
- Conventional Recessed Chamber Plates.
- Moulded or Detachable Membrane Plates, that can be inflated with air or water to give dryer cakes.
- Plates and Frames for Polishing applications.
The Filter Plates can also be fitted with Gaskets to eliminate edge leakage.

**Filter Cloths:**
The Filter Cloths are selected to suit the application, based on experience or pilot trials. Standard materials of construction include Polypropylene, Polyester and Rilsan, using monofilament, multifilament and spun yarns in a range of weave patterns (Plain, Twill, Satin, etc).
The filter cloths are secured to the filter plates with standard cable ties through eyelets or velcro. With an option for latex treatment for reduced edge leakage and edge banding for reinforcement.
**Accessories:**

- Automatic Plate Movement
- Automatic Cloth Washing
- Multiple Cake Discharge
- Photo Electric Light Guards
- Automatic Drip Trays
- PLC Control
- Membrane Inflation
- Cake Washing and Air Blow
- Core Blow

---

**Typical Filter Cake**

**Filter Cake—Netherlands**

**Mobile Filter Press, Jack on, Jack Off—United Kingdom**

**Semi-Mechanised Filter Press—Russia**

**Manual Filter Press—United Kingdom**
Fully Refurbished Filter Presses and Upgrading of Existing Equipment

As well as being market leaders in the manufacture of new filter presses, Latham International also specialise in the field of fully refurbished presses and the upgrading of existing equipment, including Willett Pumps.

Refurbishment:
Latham International have many presses available for refurbishment. The refurbishment would bring the press up to a new standard and would include:

- Replacement or upgrading of hydraulics
- Shot blast & paint press skeleton
- Replacement of plates
- Retrofitting of latest plate moving mechanism and washing machine (optional)
- New control system
- Up to 50% cost saving on new

Upgrading of Existing Equipment:
Installation of latest plate moving mechanism and auto cloth washer.
Filter plate replacement and membrane conversion.
All onto client’s existing equipment.
Feed pump systems.
Polyelectrolyte make up unit.

2m x 1.5m Filter Press Before Refurbishment

2m x 1.5m Filter Press After Refurbishment

Filter press in operation on site, following Refurbishment.
This is a ram type reciprocating piston pump that is driven by a separate electrically powered hydraulic power unit.

The pump and hydraulic power unit form a single integrated pump set.

The pump is of robust, heavy-duty design and construction with an anticipated working life well in excess of 20 years. The pump body and the valve boxes are one piece steel fabrications. The sludge ram is manufactured from stainless steel. The sludge seals are maintenance free chevron rings, which are replaceable as a service item without the removal of the sludge ram.

The hydraulic cylinder driving the sludge ram is built to off shore specifications and is of a hardwearing design featuring a chrome piston rod. The hydraulic cylinder also features extensive internal guidance and support for the piston rod thereby eliminating lateral forces upon the hydraulic seals, which can promote oil leaks. The top of the hydraulic cylinder features internal, hydraulic cushioning to facilitate absolute control over the sludge ram at the top of the stroke where the ram changes direction from up to down. This contributes to the quite operation of the pump.

This hydraulic unit comprises a hydraulic oil tank beneath which sits an electric motor driving through a bell housing and coupling to a variable speed, pressure compensated hydraulic oil pump.

**Range (Ram Size)**

- 110
- 160
- 267
- 320
- 415
- 495

**Latham International Ram Pump & Refurbished Pumps**
Filter Presses in the Ceramic Industry

Being based in the Heart of the Pottery industry (Stoke-on-Trent, UK) Latham International has gained a vast knowledge of the ceramic industry. Both in clay body preparation and effluent control.

Pressure:-
7 – 30 bar (conventional or membrane)

Moisture:-
16—20% achievable

Application:-
Clay body preparation
Effluent dewatering
Glaze recovery
Filter Presses in the Mining Industry and Process Applications

For high volume and solid content sludges, Latham International have the capacity to manufacture filter presses with up to 25m³ press volume, giving some 50 tonne per cycle capacity. With the use of air blow and membrane, moisture contents of around 10% can be achieved on certain products.

For chemical and precious metal recovery applications maximum product recovery can be achieved on a filter press with the use of in situ cake washing.

Using the fully automatic filter press a high degree of security is achieved due to no labour involvement.

Whatever the applications Latham International will optimise a solution to give the best possible end results.

Range:

Up to 2.1m Square fabricated in mild steel or stainless steel.

Filter Plates: Co-polymer, polypropylene, copper stabilised or PDVF for high temperature applications.

Manual to fully automatic.

7 x 2m x 1.5m Filter Presses—Democratic Republic of Congo

2 x 2.1m Square Filter Press—United Kingdom

1200mm Square Stainless Steel Filter Presses—United Kingdom
Turnkey Systems for Water and Sewerage Treatment

Sludges developed by municipal waste water treatment and the preparation of potable water contain finely dispersed organic or inorganic particles. Because of this, thickening is limited to a maximum of 8%. To reduce disposal costs the sludges must be dewatered.

The reduction of volume and weight significantly reduces costs for transport, disposal or incineration.

Using Latham International filter presses guarantees the maximum solids content at the lowest capital equipment and running costs. The nature of the sludge and desired output would determine press selection (membrane or conventional) to optimise performance. This would be determined by filtration trials on site or in-house.
Latham International have the facility to supply and install complete turnkey systems. Comprising:-

- De-watering filter presses
- Press feed pumps
- Polymer, lime & ferric preparation units
- Tanks
- Pipework and valves
- Conveyor systems
- PLC Control
- Installation, commissioning & training

Whether it be for a municipal waste water treatment plant, or a small rural, plant Latham International will have the most economical de-watering solution, either with a static, or mobile filter unit.

**In House and Site Filtration Evaluation Trials**

Latham International have facilities for filtration trials both in house and on site.

In house via our laboratory utilising pilot size equipment allowing basic trials to be carried out on small sample volumes.

On Site via our trailer mounted self contained test rig that requires no additional incoming services other than the material to be filtered.

Our mobile rigs allow for both conventional and membrane filtration up to 20 bar, along with inbuilt facilities for both cake washing and air blowing if required.
Spares and Service

Spare Parts

In order to maintain the filter press, we are able to provide spare parts, including:

**Filter Plates**
Sizes from 250mm Square up to 2100mm Square.
Polypropylene, PVDF Stainless Steel.
Recessed, Plate & Frame, Membrane

**Filter Cloths**
Sizes from 250mm Square up to 2100mm Square.
Tailored to suit individual requirements in a range of fabrics.

**Spatulas (Cake Scrapers)**
To manually aid discharge where sticky cakes are a problem.

**Hydraulics**
All hydraulic spares available, including cylinders, seal kits, filters, control valves, pumps, etc

**Electrical**
Photo Electric Safety Barriers, Control Panel Spares (switches, relays, etc), proximity switches, pressure transducers, PLCs and parts relating to the modular electrical wiring system on Latham International Filter Presses.

**Pumps and Pumps Spares**
We are able to supply spares for a whole range of pumps that are supplied with Latham presses, including Air Operated Diaphragm Pumps, Ram Pumps (including Willett Pumps), High Pressure Wash Pumps.

**Membrane Inflation Leak Detector**
The leak detector is fitted to each plate, usually directly into the Membrane connection. Used to detect membrane squeezing operation and detect the location of any leaks in failed membranes.
Several parts held in stock for same day despatch.

**Service**

Our engineers, who have many years of experience are able to provide service over the telephone or are available on call out, to carry out emergency repairs or general servicing.

Our commissioning engineers are also equipped with specialist laptops and software for PLC programming.
Spares and Service

A Filter Press Operation

1. Sludge Tank
2. Polymer System
3. Ram Pump
4. Filter Press
5. Filter Cake
6. Filtrate Tank

Features and Benefits of a Latham International Filter Press

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working pressures up to 30 bars</td>
<td>Increased efficiency, higher percentage solids</td>
</tr>
<tr>
<td>Only supported at feed end and hydraulic end</td>
<td>Reduced building costs</td>
</tr>
<tr>
<td>25-year guarantee on press skeleton</td>
<td>Designed and built for longevity</td>
</tr>
<tr>
<td>Maximum stress allowed 4.5 tons per square inch in any fabrication</td>
<td>Reduced cost of ownership through increased press life</td>
</tr>
<tr>
<td>Extended warranty on press plates</td>
<td>Peace of mind and value for money</td>
</tr>
<tr>
<td>No external springs on plate moving equipment</td>
<td>Reduced maintenance cost and improved safety</td>
</tr>
<tr>
<td>Stainless steel liner plates and drip tray tops</td>
<td>Reduced corrosion and improve press life</td>
</tr>
<tr>
<td>High Pressure low head automatic cloth washer</td>
<td>Reduced building costs</td>
</tr>
<tr>
<td>Operator interface</td>
<td>Reduced maintenance requirements</td>
</tr>
<tr>
<td>Market leaders in un manned filter presses, single of multi shaking of plates</td>
<td>Reduced labour costs</td>
</tr>
<tr>
<td>10% additional hydraulic closing over competition</td>
<td>Reduced edge leakage to increase performance</td>
</tr>
<tr>
<td>2 year warranty on all ancillary items, excluding consumables</td>
<td>Reduced cost of ownership</td>
</tr>
<tr>
<td>Exemplary after sales service</td>
<td>Minimal press down time</td>
</tr>
<tr>
<td>Extensive process knowledge and willingness to share it</td>
<td>Improve customer relationship</td>
</tr>
</tbody>
</table>

Spares

In order to maintain the filter press, we are able to provide spare parts, including:

- **Filter Plates**
  - Sizes from 250mm Square up to 2100mm Square.
  - Polypropylene, PVDF Stainless Steel.
  - Recessed, Plate & Frame, Membrane

- **Filter Cloths**
  - Sizes from 250mm Square up to 2100mm Square.
  - Tailored to suit individual requirements in a range of fabrics.

- **Spatulas (Cake Scrapers)**
  - To manually aid discharge where sticky cakes are a problem.

- **Hydraulics**
  - All hydraulic spares available, including cylinders, seal kits, filters, control valves, pumps, etc.

- **Electrical**
  - Photo Electric Safety Barriers, Control Panel Spares (switches, relays, etc), proximity switches, pressure transducers, PLCs and parts relating to the modular electrical wiring system on Latham International Filter Presses.

- **Pumps and Pumps Spares**
  - We are able to supply spares for a whole range of pumps that are supplied with Latham presses, including Air Operated Diaphragm Pumps, Ram Pumps (including Willett Pumps), High Pressure Wash Pumps.

- **Membrane Inflation Leak Detector**
  - The leak detector is fitted to each plate, usually directly into the Membrane connection. Used to detect membrane squeezing operation and detect the location of any leaks in failed membranes.

Our engineers, who have many years of experience are able to provide service over the telephone or are available on call out, to carry out emergency repairs or general servicing.

Our commissioning engineers are also equipped with specialist laptops and software for PLC programming.

---

Features

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working pressures up to 30 bars</td>
<td>Increased efficiency, higher percentage solids</td>
</tr>
<tr>
<td>Only supported at feed end and hydraulic end</td>
<td>Reduced building costs</td>
</tr>
<tr>
<td>25-year guarantee on press skeleton</td>
<td>Designed and built for longevity</td>
</tr>
<tr>
<td>Maximum stress allowed 4.5 tons per square inch in any fabrication</td>
<td>Reduced cost of ownership through increased press life</td>
</tr>
<tr>
<td>Extended warranty on press plates</td>
<td>Peace of mind and value for money</td>
</tr>
<tr>
<td>No external springs on plate moving equipment</td>
<td>Reduced maintenance cost and improved safety</td>
</tr>
<tr>
<td>Stainless steel liner plates and drip tray tops</td>
<td>Reduced corrosion and improve press life</td>
</tr>
<tr>
<td>High Pressure low head automatic cloth washer</td>
<td>Reduced building costs</td>
</tr>
<tr>
<td>Operator interface</td>
<td>Reduced maintenance requirements</td>
</tr>
<tr>
<td>Market leaders in un manned filter presses, single of multi shaking of plates</td>
<td>Reduced labour costs</td>
</tr>
<tr>
<td>10% additional hydraulic closing over competition</td>
<td>Reduced edge leakage to increase performance</td>
</tr>
<tr>
<td>2 year warranty on all ancillary items, excluding consumables</td>
<td>Reduced cost of ownership</td>
</tr>
<tr>
<td>Exemplary after sales service</td>
<td>Minimal press down time</td>
</tr>
<tr>
<td>Extensive process knowledge and willingness to share it</td>
<td>Improve customer relationship</td>
</tr>
</tbody>
</table>
Examples of Typical Filter Presses

- 250mm Square Filter Press
- 1000mm Overslung Filter Press
- 500mm Square Plate and Frame Filter Press
- 1200mm Square Filter Press
- 630mm Square Double Acting Filter Press
- 1500mm Square Filter Press
Examples of Typical Filter Presses

- **Agents**

**Africa**
Latham Filtration Technology
Unit 46, Kya North Park Bernie Street, Kya Sands, 2163, South Africa
Tel: +27 (11) 7082313 / Fax: +27 (11) 7081526
albert@lathamfrica.co.za | www.lathamfrica.co.za

**Russia**
Latham Rus
Aviavtomotoraia, 10
Moscow 125047, Russian Federation
e: +7 (495) 6616715 / Fax: +7 (495)6616715
info@latham-rus.ru | www.latham-rus.ru

**Hong Kong**
Water Confidence Technologies
12/F, Unit A, Yam Tze Commercial Building, 23 Thomson Road, Wanchai, Hong Kong
Tel: +852 93327488 / Fax: +852 30201887
clarence@waterconfidence.com.hk | www.waterconfidence.com.hk

**United States of America (USA)**
Universal Filtration & Pumping Solutions
703 Bascomb Commercial Park - Suite 103
Woodstock - Georgia 30189 USA
Tel: 770-592-7564 / Fax: 770-592-8561
sales@automaticfilterpress.com | www.automaticfilterpress.com

**Australia**
Waterex
28 Beaconfield Avenue
Midvale, Western Australia 6056, Australia
Tel: +61 8 9250 2375 / Fax: +61 8 9250 2969
sales@waterex.com | www.waterex.com | Skype: waterex.au

**New Zealand**
Jonassen Industrial Projects Limited
85 Oteha Valley Road, Albany, Auckland, New Zealand
Tel: +64 (09) 479 3952 / Fax: +64 (09) 479 3954
chris@jipl.co.nz | www.jipl.co.nz

**Israel**
EST Projects Ltd
B.S.R. Tower 2 – 17th. Floor, 1 Ben Gurion Street, Bnei Brak, Israel 5120149
Tel: +972 (3) 6142303 / Fax: +972 (3) 6142304
info@estprojects.com | www.estprojects.com

**India**
Centrifor
305, Padmaprabha Heights, Karvenagar, Pune 411052, Maharashtra, India
Tel: +91 20 25435303 or +91 98 81063433
centrifor@gmail.com

**Philippines**
Suplitech Machinery & Trading Corp
Unit 28 441 Real Street, Pulanguiya, Las Pinas City, Metro Manila, Philippines
Tel: +632 8747270 or 8747270 / Fax: +632 8748032
boyini16@yahoo.com

**Mexico**
TABSA (Tecnología Avanzada en Bandas S.A. de C.V.)
Montemorelos No.6967, Col. Topo Chico
Monterrey, N.L., C.P. 64260, Mexico
Tel: +1 (81) 1365 1140 and 41 / Fax: +1 (81) 8338 4292
benitoconcha@tabsa.com.mx | www.tabsa.com.mx

**Peru/Colombia/Ecuador**
COFASA (Controles de Fluidos y Aislamientos Térmicos S.A.)
Jr. Enrique Palacios Mz. B, Lote 6/7 - Urb. San Francisco,
Ate - Lima 03 - Peru
Tel: +51-1-713-0002 / Fax: +51-1-718-4456
sales@cofasa.biz | www.cofasa.biz

**Oman**
Abu Ilyas Trading LLC
Al-Khuwair House (5th Floor), Street 281, Al Khuwair,
P.O Box 481, P.C 117, Sultanate Of Oman.
Tel: +968 24489939,24487750 / Fax: +968 24480954
abuilies@abuilies.co.om | www.abuiliesoman.com