

**PRESSED FLIGHTS LIMITED**  
The first choice in materials handling

**Welcome to Pressed Flights Ltd**

As specialists in the manufacture and repair of screw conveyors and segmented screw flighting since 1983, Pressed Flights Ltd has become the number one name of choice for a multitude of companies throughout the United Kingdom.

Today, we maintain our manufacturing edge by keeping at the forefront of design and manufacturing technology. To achieve this, we closely monitor any new directives as well as the changing needs within our industry so as to ensure we can offer the solutions our customers require.

As a result, we now provide a large selection of specialist material handling equipment to a wide range of material handling industries.

**Production**

**Specialist equipment on site**

In addition to our extensive press shop, we have a fully equipped machine shop with large Kearns Richard horizontal borers, centre lathes, milling machines, radial arm drills and grinders. These combined with our fully computerised CNC Plasma profiling shop and stocked materials, enables us to manufacture and repair all of our customers requirements under one roof.

**Exports**

As well as supplying a variety of industries throughout the United Kingdom, Pressed Flights is continually increasing its customer base within a variety of industries throughout Europe and the Middle East.

For our overseas customers, Pressed Flights can offer a competitive price for screw flights and screw shaft assemblies. If required, we can also make all the necessary arrangements for your goods to be despatched either by Sea-Freight or Airfreight, saving you valuable time and energy.

If you are an overseas customer, and are interested in our products or would like further information on our export services, please contact our sales team via the link below.

**Contact us**

If you would like to find out more about our products, or should you have a specialist requirement, please do not hesitate to contact us.

**KEVIN PEARSON**  
Managing Director

**MARK CRYER**  
General Manager  
T 07715 181763

**DAVID POLLARD**  
Production Foreman  
T 07771 621182

**MARIA CRANSTON**  
Sales Co-ordinator  
T 01706 372551

**PRESSED FLIGHTS LTD**

Unit 6 Python Industrial Estate, Todmorden Road, Littleborough, Lancashire, OL15 9EG England  
T +44(0) 1706 372551, F +44(0) 1706 377598, Email sales@pressedflights.co.uk

## Breakdown Support

At Pressed Flights Ltd, we hold stocks of the most frequently used materials, enabling us to respond quickly to a variety of breakdown situations. These include for example,

- Replacing worn or damaged flighting to existing screw shafts.
- Replacing worn or damaged stub shafts / journals with new, machined ends.

In addition to our extensive stock of raw materials, we are also proud to introduce our 150-ton hydraulic tube and bar straightening press. This allows us to repair and straighten bent screw shafts quickly, saving on expensive downtime for our customers.

In any of the situations above, once we have you back up and running, if required, we can then manufacture for you a complete replacement screw shaft so as to ensure that your business always runs smoothly and efficiently.

## What our customers ask us

Below you will find answers to the most popular questions that our clients ask us. If you require further assistance in solving your queries, please don't hesitate to contact us.

### Q. HOW DO I DETERMINE IF I NEED RIGHT HAND OR LEFT HAND FLIGHT SEGMENTS?

A. If the flight segments slope to the right then they are left hand, if they slope to the left they are right hand. We also have a diagram on the website showing different screws with different handing and flow directions and rotations. This should help to identify your requirements.

### Q. HOW DO I MEASURE THE PITCH?

A. You should measure the pitch by placing your tape on the top edge of the flight segment and the same edge of the flight segment along the length of the screw assembly. This should only be done when the screw is stopped or when removed and on the floor.

### Q. HOW DO I MEASURE THE DIAMETER OF THE SCREW ASSEMBLY?

A. Find a point where there is little or no wear, measure from the top of the central shaft to the top of the flight segment. Measure also the central shaft that the flight segments are welded to. If you double the first measurement then add the second to it, the answer will give you the diameter.

### Q. HOW ACCURATE CAN YOU PRESS FLIGHT SEGMENTS?

A. We can achieve + – 1mm on O/Dia and I/Dia and + – 3mm on pitch (pitch tolerance dependant material).

### Q. WHAT IS THE LONGEST SPAN ON SCREW ASSEMBLIES WITHOUT USING HANGER BEARINGS?

A. This can vary, but spans of up to 6 to 8 meters possible and longer depending on the diameter of the central tube.

## PRODUCTS

### A variety of products

Pressed Flights Ltd can offer a range of specialised material handling equipment specific to your requirements. These include a full range of screw and paddle conveyors, blenders and dischargers – backed by hoppers, chutes and other ancillary equipment.

We also offer a variety of segmented screw flighting.

### In a variety of materials

- Stainless Steels  
(Grade 304, 316 & 310)
- Wear Resistant  
(XAR 400, RA 400 & Hardox 400)
- Duplex
- Hastaloy C276
- Brass
- Aluminium
- Carbon Steels
- Titanium

### For a variety of customers

We supply a wide range of well-known companies, covering practically every industry. This ranges from the fine precise requirements of the pharmaceutical and food production companies to the heavy-duty requirements of the mining and construction companies:

- Foodstuffs
- Cereals and crops
- Dust extraction
- Pharmaceutical
- Rubber and plastics
- Power generation
- Oil refining
- Paper/board
- Smelting
- Clay and pottery
- Cattle feed
- Distilling
- Cement
- Water/sewage treatment
- Industrial pumps
- Animal by-products
- Chemicals
- Aggregates
- Mining
- Piling and construction
- Sugar
- Glass
- Coal
- Brewing
- Fertilisers

### Screw Flight Segments

A Large number of hydraulic presses form our full range of flight segments from 50mm diameter to 1500mm diameter (ribbon segments can be manufactured up to 3000mm diameter), in a variety of materials from 3mm through to 50mm thick. These can be formed to either left or right hand in various pitches depending on your requirements.

### Screw Shafts

All of our conveyor screws and feeder screws can be supplied with machined and bored ends, complete with keyways, splines and bearing housings.

### Screw Conveyors / Feeders

Screw Conveyors, supplied complete with troughs and casings can also be supplied with drive units and gearboxes.

### Bucket Elevators

A variety of dry free flowing bulk materials can be moved efficiently and trouble free in our range of bucket elevators.

### Finishes

All of Pressed Flights products are available with a variety of finishes including:

- Polished
- Galvanised
- Bead Blasted
- Painted