

# PRISON INDUSTRY

Private Sector Prison Industries (PSPI) has a network of prison-run workshops across the UK that provide services to the MOJ and produce a variety of products for the public and private sector – including cell furniture – for the HMP estate. This page summarises the workshop capabilities of PSPI.

## Woodworking

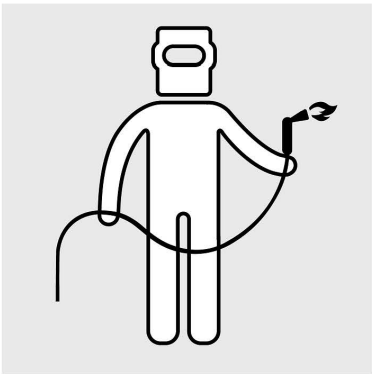
- Products produced for use by HMP estate:**
- All Whitewood and MDF furniture for HMP.
- Products produced for external use:**
- Large range of office furniture, including for government and civil service.
  - Tables, chairs, doors and window frames.
  - Dog kennels, sheds and stables.

- Machinery used:**
- Computer Numerical Control (CNC) technology
  - Advanced woodworking equipment
  - Ability to print onto wood

- Materials:**
- MDF fire retardant melamine faced white ash
  - Varied wood for external products



## Metalworking



- Products produced for use by HMP estate**
- Metal cell furniture
  - Prison cell doors, security gates and grilles
- Products produced for external use:**
- Stainless steel trolleys, fencing
  - Aluminium double glazing
  - Office storage (e.g. lockers, lock boxes)

- Machinery used:**
- Welding and fabrication
  - CNC lathes, mills and conventional CNC machines
  - Powder coating

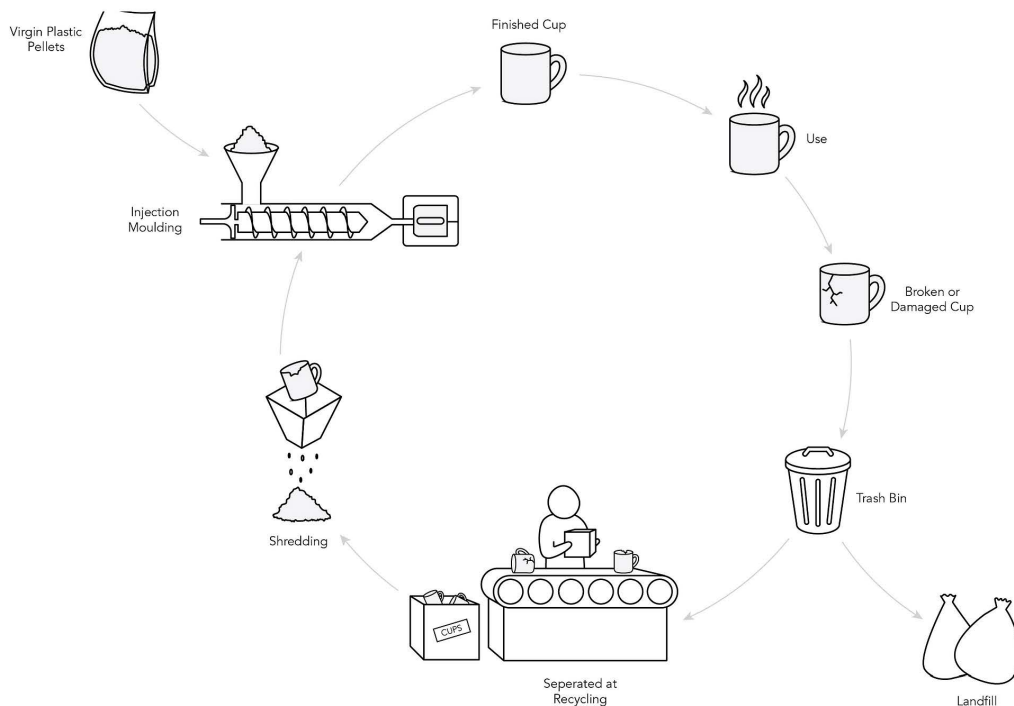
- Materials:**
- Powder coated tube steel, stainless steel.
  - Aluminium.

## Plastics

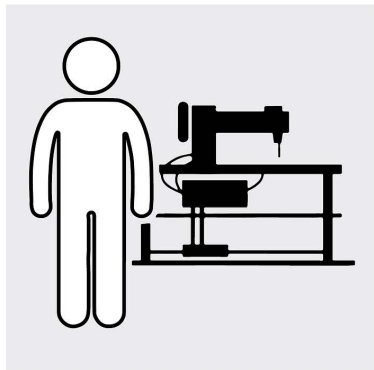
- Products produced for use by HMP estate**
- Plastic chair
  - Mugs, plates, cutlery
- Products produced for external use:**
- Varied products: plastic buckets, ice scrapers, snow shovels
  - Ashtrays, dustpans, containers, chairs
- Machinery used:**
- Plastic Shredders
  - Injection moulding machines ranging from 40 tonne to 850 tonne capacity
- Materials:**
- Most common plastics: PP, PS, ABS, HIPS, PE (HDPE, LDPE), PU



### System Map: Making & Recycling of HMP Plastic Cups



## Textiles



### Products produced for use by HMP estate

- All prison textiles (e.g. clothing, sheets, shower curtains, etc.)

### Products produced for external use:

- Clothing
- Bags
- Home furnishings and linen

### Processes used:

- Cutting, Manufacturing, Inspection, Fine Needlework

### Machinery used:

- Gerber CAD system
- Garment Sewing Data (GSD) system
- Industrial sewing and embroidery machines

## Printing and Graphics

### Products produced for use by HMP estate

- Signage and other internal printing needs

### Products produced for external use:

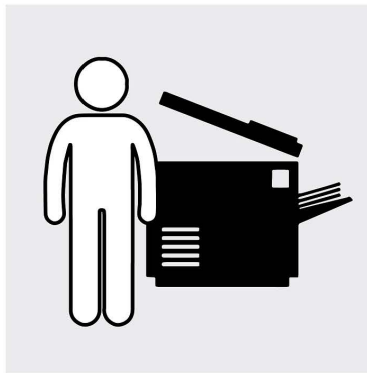
- Leaflets, brochures
- Signage
- All business stationery for Timpsons

### Processes used:

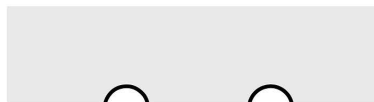
- Litho printing, printing on to plastic, textiles.
- Cutting, folding, trimming

### Machinery used:

- Litho and Digital Presses
- Laminators and Binders
- Vinyl printers
- Textile hotbed printers
- Badge doming machines



## Recycling

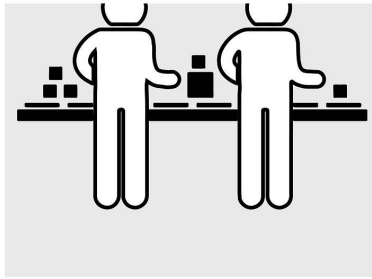


### Facilities:

- Full MRF centre (Materials Recovery Facility)

### Waste streams separated and sold on:

- Cardboard



- Cardboard
- Mattress bags
- Shrink Wrap
- Tertapak / milk containers / orange juice cartons

**Internal Recycling:**

Plastic prison products (mugs, plates, knives and forks) are separated and fed back into the plastics workshop.

**External Recycling:**

The facilities are hired by external companies for the remanufacture of computers, headphones, consoles and small domestic appliances. Also there is a unit for wire stripping.