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**Jargon buster. A plain English guide to some of the industry specific words and phrases in office furniture and seating industry.**

### **Seating:**

**Mechanisms:** These are units underneath swivel chairs that provide different levels of movements and adjustment to the seating. Levers and “paddles” come from these and provide the ability of the user to operate different adjustments.

**Synchro tilt:** A tilt movement on seating that links the movement of the back with the tilt of the chair seat to a synchronised ratio of usually around 2:1 or 3:1. This has a tension adjustment incorporated to allow a “free floating” action personalised for someone’s build and weight or locked in one position.

**Asynchronous mechanism:** Sometimes called an independent seat and back adjustment. This allows the user to release the position of the seat and the back independently to allow them to move and be locked separately in a desired position.

**Single lever mechanism:** The starter adjustment for operator chairs. A single lever releases the gas lift height adjustment to allow the user to choose the right height for their chair. Usually a wheel or handle is at the base of the operator chair to adjust the rake and height of the backrest.

**Twin lever mechanism:** The most popular format for contract chair adjustment. One lever releases the gas lift feature for height adjustment. A second releases the back rake feature to allow a user to select the back angle, or leave in “free float.”

**Lock and tilt mechanism:** Typically a lever is activated to release a tilting mechanism on the chair. When the lever is engaged it locks the seat and back in the desired position.

**Anti-shock mechanism:** This operates when a back rest is released during adjustment. Instead of the backrest moving forward on release and “hitting” the user it stays in position until slight pressure is put on the back which gently releases the movement.

**Multi lock mechanism:** A movement that enables an adjustment on either the seat, or back, or sometimes both, to be locked in an infinite number of places rather than pre-set options.

**Knee tilt:** A premium quality tilt action that restricts a chair tilting up at the front edge and putting pressure on the back of a user’s legs (where sensitive blood vessels can be constricted. Instead when tilting the chair moves down from the knee point, preventing pressure building.

**Gas lift:** All our swivel chairs have safety gas lifts fitted. A lever or button will unlock the action and a pressurised gas strut raises the seat when the user unweights it. Releasing the lever/button will lock the chair at the desired height.

**Seat pans and plastic backs:** These plastic fittings sometimes go under the seat or at the back of a backrest faced with upholstery. They provide a tidy appearance and in the case of backs can provide a greater ability to resist damage.

**Glides:** An alternative to castors. Often used on soft seating where movement needs to be less free. These are also sometimes required where a chair is being used on hard floor surfaces when conventional castors can move too freely.

**Ratchet backrest:** An adjustment on the backrest of a chair that has multiple adjustment points on a ratchet style movement. Users can sit in a chair and lift the back to the desired height when it clicks in to place. Take the back to the top of the adjustment and the backrest automatically drops down to start the travel upwards again to the required position.

**Gaiter:** A plastic cover (sometimes called a shroud) that covers gas lift stems or back stems.

Retro-fit: Something that can be fitted after the product has been fully assembled. For example a chair headrest or a set of arms. These are marked in the Dynamic price list as items sold separately.

Tension adjust tilt: A tension adjustment allows a user to make it easier or more difficult to “push” a tilting action. Heavier users may want a tension adjustment to be stronger and lighter users want to soften the effort required. A centrally located wheel is often used to tighten or release the tension. Sometimes other adjustments are used such as a twist grip at the end of a stalk to achieve adjustment.

Bonded leather: Sometimes called blended leather this is a refined product made from shredded genuine leather placed on to layered structure of fibre. A polyurethane coating is embossed with a leather grain to provide a soft to the touch leather product.

Cantilever frame: A leg frame usually for conference, meeting and visitor chairs that is a C type shape. It looks stylish and all ours are made of “blued” steel which provides for a spring in the frame (quite safely) that gives extra user comfort.

24/7: When applied to certain types of chairs this means they are uprated for 24 hour, seven days a week use. This is required when chairs are being used by multiple shifts at the same workstation. Our standard chair specification is for eight hour use (a typical working day).

Seat slide: Being able to adjust the depth of a chair enables extra personalisation. This unlocks a horizontal seat sliding action that can be locked in position providing ideal support for different users.

3D arms: Arms that adjust for height, width, forwards and backwards.

Height adjusting arms: Arms that adjust for height to support the forearm when working with a mouse or with a keyboard. They are not intended to slide under a desk.

Fixed loop arms: Often called hoop arms these are a single height loop made from nylon or a similar plastic material.

Foldaway arms: These for when a chair is required to fit under a chair or the user wants to sometimes be very close to the front of their desk. The arms push back but can be easily flipped back for when a user wants to use an arm rest.

Soft wheel castors: Castors with a soften wheel surface that work well on hard floors.

Waterfall seat: A seat that falls away at the front edge relieving blood vessel constricting pressure from the back of the users legs.

Castors: Designed to assist smooth movement of office chairs. Castors are wheels specially designed for office and general seating. Dynamic castors are superior twin wheeled meaning there are two revolving wheels being utilised on each castor on each castor.

Brake loaded castors: These have a braking mechanism on them that allow the user to easily move them when off the chair, but they do not operate when the chair is being used.

Contoured foam: Foam that is shaped to an ergonomic form that providing more comfort to the user.

Poured foam: Sometimes called cold cured foam this superior foam interior is poured in to a mould in manufacture and on cooling shapes itself to the desired shape.

UK Crib 5 foam and fabric: This is a type of foam and fabric that has passed a test for fire retardancy. Crib 5 is one of the tougher tests and is named after a wooden cradle, or crib, that houses test material and foam. It makes products legal and safe for contract, commercial and domestic use.

HD: For heavier users or when a chair is likely to find itself in a heavy usage or hostile environment. Our standard chairs are rated to be safe for users up to 150kg. Heavy Duty (HD) chairs are rated to 200kgs (32 stone).

5 Star base: The safest design for a swivel chair base. The five spokes coming from the centre assure the user of best stability.

**Lumbar support:** These usually come in two varieties. There are “pump-up” types that inflate and deflate with a bulb or push in type adjuster. The bulb is gripped and squashed, rather like a stress ball, to inflate and a valve releases pressure in a pad positioned within the upholstery in the lumbar region. The push button variety simply inflates when press and pressure is taken off the back. When pressure is applied and the button is pressed it deflates to suite the user’s preference.

The second type uses supporting pads or bands that are often fitted to mesh back chairs to provide lumbar support. These are frequently adjustable for position.



### **Furniture:**

**Wave desk:** A desk shape that looks like a wave. One end of the desk is 800mm deep; the other (the end that is the wave so on a right hand wave the shape is to the right) is 1000mm deep. It adds ergonomic qualities to a standard desk format.

**Crescent desk:** Sometimes called a radial or even ergonomic desk shape. This is a one-piece L shape. At one end (the larger of the desk widths) the depth will be 800mm deep. As the shape turns to create an L shape the other end on the shaped piece is 600mm deep. Care should be taken to specify the right pedestal depth.

**Locks and cams:** These are fittings within a desk usually joining a leg to a modesty panel or desk top or a bookcase side to a back. They comprise a silver steel pin that screws in to the furniture unit and a silver wheel that inserts into the wood and when twisted with a screwdriver locks on to the pin and tightens it.

**Anti-tilt:** An integral safety device that prevents more than one drawer being opened at the same time. This avoids the whole unit tipping forward, and potentially falling on a user, because of the weight of heavy multiple drawers in an item being open at the same time.

**Pedestal:** An at-the-desk storage unit that can be desk high (extending the desk surface) or mobile (which sits discreetly under the desk and is on castors). Dynamic pedestals have ball bearing full length telescopic runners rather than the cheaper, less efficient, wheeled runners.

Return desk: A desk that sits at right angles to the main desk and is usually 600 deep rather than the regular 800 deep of a main desk.

Storage locks and keys: Our locks are supplied with two keys. If both are lost by the customer we can supply a replacement lock with keys at cost.

MFC: Melamine faced chipboard. This is at the core of our furniture. The chipboard is high density for extra strength and is sandwiched between two layers of melamine which is heat and scratch resistant and finished in an attractive wood grain or white surface.

Floor levellers: These fit to the bottom of the legs of desks and other storage items such as desk high pedestals.

Wire management ports: Neat pots in the top of the desk that enable users to neatly thread cables for power, i.t. and communications from the desk top to under the desk to the floor in a well-managed style.

High density mfc: Melamine faced chipboard with a high density core of chip that offers greater strength.

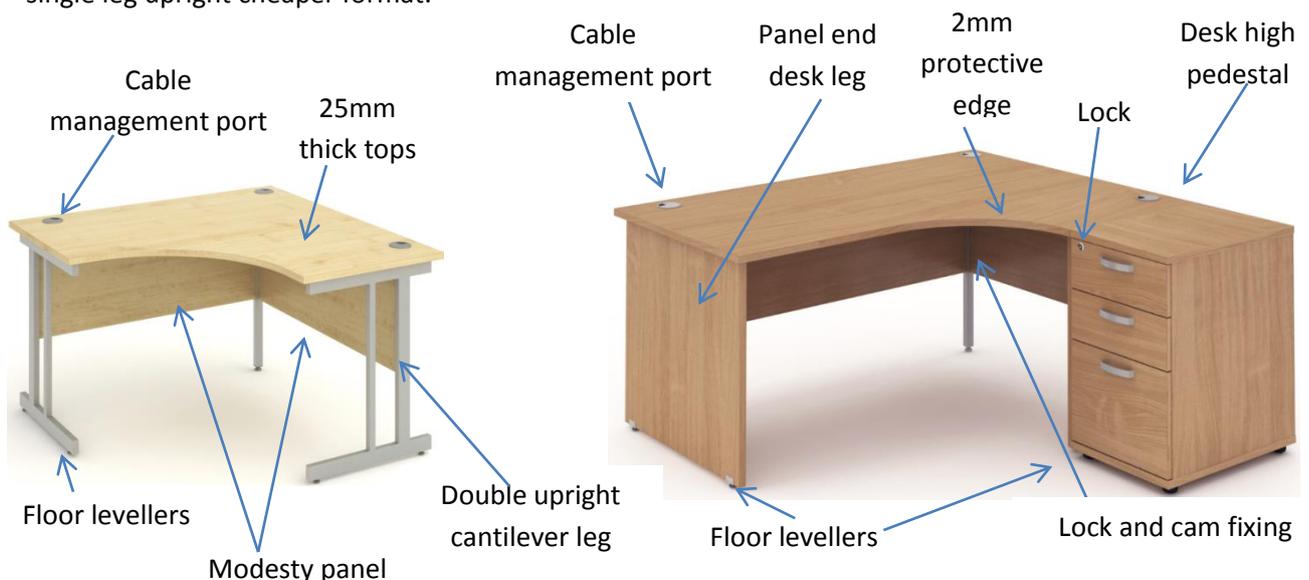
2mm protective edging: A melamine facing strip that is moulded to the edge of furniture. Dynamic uses a slightly pliable edging strip that has a softer touch. This absorbs impacts whilst protecting furniture edges. It is 2mm thick.

Cantilever leg: A steel fabricated desk leg in a C shape that is the most popular contract format in the UK office products market.

Panel end leg: Sometimes called a slab end leg this is a solid mfc panel in a finish to match (or sometimes contrast) the top panels and front modesty panels of desks. It is a classic format for everyday office use.

Cable managed leg: A cantilever shaped (C frame) leg with a pop-out panel that can accommodate cables such as telecoms, power and i.t. within a leg void. The panel then pops back to conceal the wires.

Double upright leg struts: This is the superior format for a cantilever frame desk leg. The foot is linked to the top horizontal with two uprights. These avoid the inherent weakness and “spring” of a single leg upright cheaper format.



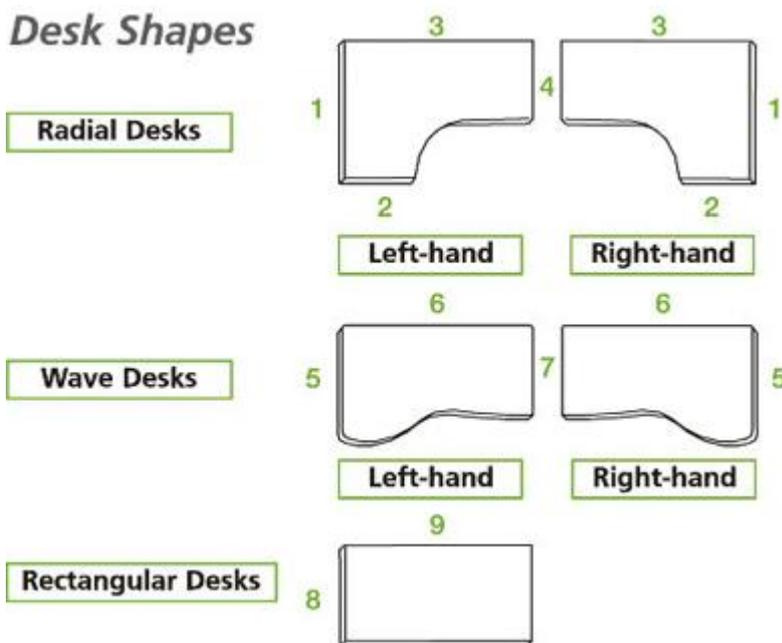
Getting in shape: Dynamic desks are available in three essential shapes. They are:

- 1) Straight (Rectangular)
- 2) Crescent (Radial)
- 3) Wave (Ergonomic)

Dimension for our Impulse contract range are...

1. 1200mm
2. 600mm
3. 1600mm or 1800mm
4. 800mm
5. 1000mm
6. 1600mm
7. 800mm
8. 800mm
9. 1200mm, 1400mm, 1600mm and 1800mm

## Desk Shapes



A rectangular shaped return desk is also available with a width (9) of 1000mm and a depth (8) of 600mm

For more technical help and information on Dynamic products and office seating and furniture in general our Technical after sales team can be contacted on 01604 593432 or email them on [customerservice@dynamicos.co.uk](mailto:customerservice@dynamicos.co.uk)



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