

Classic DuoBack®

"Twice As Active"



Price List
2010



DUO-BACK® - 'DYNAMIC SEATING'

The perfect backrest has to fulfil two apparently contradictory criteria: It should not only support the upper body and take over the functions of the muscles which support the back; but also follow and facilitate the movements of the upper body.

The resultant 'dynamic sitting' stimulates the muscles, helping to prevent back strain or alleviate existing pain. Just as importantly, this stimulation retards the natural build-up of muscle tension, helping to lessen the effects of tiredness.

The unique split back pads of the 'Duo-Back®©' are positioned halfway between the top and bottom of the spine so that when reclined the lower sections of the pads move forward straightening the spine and pelvic girdle. This is a vital point often stressed by both back specialists and office ergonomists.

Height adjustable, the backrests correctly support the back of any person. The space between the pads allows the spine to move freely. Instead of putting pressure on the spine, support is evenly distributed throughout the back muscles.

The backrests are pivotally mounted enabling them to move in all three axes – forwards and backwards; up and down and left to right. It means that the back is fully supported in all positions. Uniquely, the mountings provide the back with 'active support'. The shape and mobility of the backrests ensures that they follow the contours of the back as it moves, varying the support needed and stimulating muscle tone and blood circulation.

Duo-Back© is office ergonomics perfectly applied.

Prices and Warranties:-

All prices quoted within this price list are shown at UK List Price. All prices are in pounds sterling.
All Grahl chairs carry a minimum two year guarantee against faulty workmanship, subject to fair wear and tear.
Longer warranty periods are available by negotiation.

All fabrics carry the relevant manufacturers' warranty, subject to fair wear and tear.

Some illustrations shown within this price list include arm rests. All arm rests are available as an optional extra and are not included within the seating prices unless stated otherwise.

All chair orders are subject to a delivery charge. Delivery charges on volume orders are negotiable.

Fabrics:-

If you wish to provide your own fabric then please calculate the price using the C.O.M (Customer's Own Material) column. These prices are based on the provision that you, the customer, both purchases and supplies the fabric to Office Ergonomics Limited.

If you wish to use fabrics other than those in Grahl's own ranges then please use the guide below for price comparisons of the most popular ranges:-

Grahl Fabric Group		Alternative Fabric Ranges
C.O.M	or	Customer's Own Material (Excluding Leather)*
20	or	Camira Mainline Plus; Xtreme Plus & Compliments Plus
40	or	Camira New Aquarius; 24/7; and Urban Plus 
45	or	Camira Vitesse
48	or	Gabriel Gaja & Victor stock colours
49	or	N/A
50	or	Gabriel Comfort - Stock colours
55	or	Gabriel Comfort - All non-stock colours

* For Customer Own Leather please take the Grahl Group 40 List Price.



Urban Plus is a *second nature* fabric made from 100% re-cycled Polyester.

Arm Rest Options:-



L02

- ▶ Un-Upholstered armrest with 110mm of height adjustment.



L03

- ▶ Black PU capped armrest tops with 110mm of height adjustment.



L62

- ▶ Fabric upholstered armrest tops with 110mm of height adjustment.



ergo-arm®© PU

- ▶ Black PU capped armrest tops with 110mm of height adjustment.
- ▶ Width and depth adjustable armrest tops.



ergo-arm®©

- ▶ Fabric upholstered armrest tops with 110mm of height adjustment.
- ▶ Width and depth adjustable armrest tops.



L18U

- ▶ Fabric upholstered armrest tops with 110mm of height adjustment.
- ▶ Width and depth adjustable armrest tops.

Base Options:-



Black 5-Star Base

- ▶ 600mm Ø
- ▶ Standard base for ergonom®© chairs.



Black 6-Star Base

- ▶ 620mm Ø powder coated in Black.
- ▶ Standard base for SPS & Synchron chairs.



Polished 5-Star Base

- ▶ 600mm Ø polished Aluminium.
- ▶ Optional base for ergonom®© chairs.

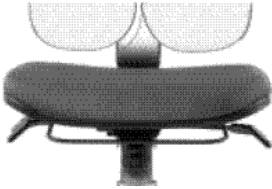


Polished 6-Star Base

- ▶ 620mm Ø polished Aluminium.
- ▶ Optional base for SPS & Synchron chairs.

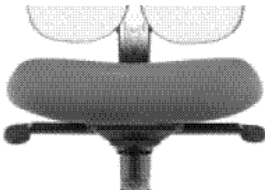
Chair Mechanisms:-

Grahl use a comprehensive range of chair mechanisms for their seating. The adjustments on each mechanism differs from model to model. Please see the guide below for the adjustments that each mechanism has as standard.



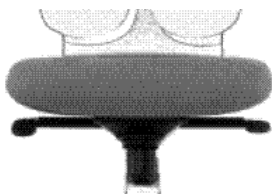
ergonom®©

- ▶ Seat Height Adjustment
- ▶ Pnuematic Independent back rake adjustment.
- ▶ Independently height adjustable back rest.
- ▶ Width adjustable duo-back®© back rest pads.
- ▶ Sliding Seat mechanism.



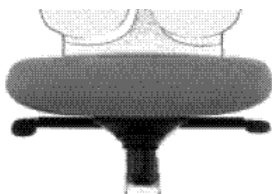
SPS

- ▶ Seat Height Adjustment
- ▶ Multi-lock tilting action with weight tension control.
- ▶ Seat angle adjustment of +5° to -14°
- ▶ Independently height adjustable back rest.
- ▶ Width adjustable duo-back®© back rest pads.
- ▶ Depth adjustable Seat mechanism.




Synchron 7

- ▶ Seat Height Adjustment
- ▶ Multi-lock tilting action with weight tension control.
- ▶ Independently height adjustable back rest pads.
- ▶ Height and depth adjustable neckrest.
- ▶ Independent back rake adjustment with weight tension control.
- ▶ Depth adjustable Seat mechanism.



Synchron 8

- ▶ Seat Height Adjustment
- ▶ Multi-lock tilting action with weight tension control.
- ▶ Independently height adjustable back rest pads.
- ▶ Independently width adjustable back rest pads.
- ▶ Height adjustable neckrest.


67 duo-back© Type 11	List Price £																												
 <p>ergonom 67 duo-back with Type 11 back rest and PU ergoarms.</p>	<p>C.O.M</p> <p>Fabric Group 20</p> <p>Fabric Group 40</p> <p>Fabric Group 45</p> <p>Fabric Group 48</p> <p>Fabric Group 49</p> <p>Fabric Group 50</p> <p>Fabric Group 55</p>	<p>£683.00</p> <p>£702.00</p> <p>£719.00</p> <p>£744.00</p> <p>£778.00</p> <p>£812.00</p> <p>£941.00</p> <p>£1,048.00</p>																											
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L03 Height adjustable arms with PU tops.	£128.00
L62 Height adjustable arms with fabric tops.	£163.00
Ergo-Arm PU® Height, width and depth adjustable arms with PU tops.	£128.00
Ergo-Arm® height, width and depth adjustable arms with fabric tops.	£163.00
L18U Height, width and depth adjustable arms with fabric tops.	£186.00

Optional Features

Locking Castors (x3)	£30.00
Soft Castors for hard floors	f.o.c
520mm Polished Footring	£92.00
Energy Absorbing Seat Foam	£47.00
Energy Absorbing DuoBack Pads	£180.00
Energy Absorbing Ergo-Arms®	£30.00
Swivel Locking Gas Lift	£58.00
Coccyx Cut Out	£196.00
Height and depth adjustable neckrest	£246.00
Increased depth and increased height neckrest	£109.00
Gas Lift (Upto 24 Stone/150kgs)	£27.00
360mm-410mm Seat height	£30.00
470mm-650mm Seat height	£47.00
550mm-810mm Seat height*	£125.00
590mm-850mm Seat height*	£125.00
*(Price includes a larger base)	
405mm deep x 450mm wide seat	£25.00
480mm deep x 480mm wide seat (Price includes a larger base)	£99.00
600mm Polished Aluminium base	£31.00


67 duo-back [®] © Type 12	List Price £																												
 <p>ergonom 67 duo-back with Type 12 back rest and PU ergoarms.</p>	<p>C.O.M</p> <p>Fabric Group 20</p> <p>Fabric Group 40</p> <p>Fabric Group 45</p> <p>Fabric Group 48</p> <p>Fabric Group 49</p> <p>Fabric Group 50</p> <p>Fabric Group 55</p>	<p>£725.00</p> <p>£746.00</p> <p>£771.00</p> <p>£803.00</p> <p>£847.00</p> <p>£893.00</p> <p>£1,066.00</p> <p>£1,208.00</p>																											
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Energy Absorbing DuoBack Pads	£180.00
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L18U Height, width and depth adjustable arms with fabric tops.	£186.00

Optional Features

Locking Castors (x3)	£30.00
Soft Castors for hard floors	f.o.c
Energy Absorbing Seat Foam	£47.00
Energy Absorbing DuoBack Pads	£180.00
Energy Absorbing Ergo-Arms®	£30.00
Swivel Locking Gas Lift	£58.00
Coccyx Cut Out	£196.00
Height and depth adjustable neckrest	£246.00
Increased depth and increased height neckrest	£109.00
360mm-410mm Seat height	£30.00
470mm-650mm Seat height	£47.00
620mm Polished Aluminium	£31.00
Tripe 'Y' base.	

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 <p data-bbox="142 969 453 1055">SPS duo-back with Type 12 back rest; polished Six-Star base and PU ergoarms.</p>	C.O.M	£796.00																										
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620mm Polished Aluminium Tripe 'Y' base.	£31.00

Synchron 7

List Prices March 2010



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 <p data-bbox="140 967 453 1057">Synchron 7 duo-back with Type 11 back rest; polished Six-Star base and PU ergoarms.</p>	<p>C.O.M</p> <p>Fabric Group 20</p> <p>Fabric Group 40</p> <p>Fabric Group 45</p> <p>Fabric Group 48</p> <p>Fabric Group 49</p> <p>Fabric Group 50</p> <p>Fabric Group 55</p>	<p>£1,205.00</p> <p>£1,226.00</p> <p>£1,246.00</p> <p>£1,265.00</p> <p>£1,302.00</p> <p>£1,336.00</p> <p>£1,491.00</p> <p>£1,630.00</p>																									
	Standard Features	Standard Chair Measurements																									
	<ul style="list-style-type: none"> ▶ Seat Height Adjustment ▶ Multi-lock tilting action with weight tension control. ▶ Independently height adjustable back rest. ▶ Height and depth adjustable neckrest. ▶ Independent back rake adjustment with weight tension control. ▶ Depth adjustable Seat mechanism. ▶ 43cm duo-back© back pads with polypropylene outer shells. ▶ 620mm 6-Star Base in Black 	<table border="0"> <tr> <td>Seat Height</td> <td style="text-align: right;">51cm - 59cm</td> </tr> <tr> <td>Seat Width</td> <td style="text-align: right;">50cm</td> </tr> <tr> <td>Seat Depth</td> <td style="text-align: right;">44cm - 53cm</td> </tr> <tr> <td>Back Height</td> <td style="text-align: right;">48cm - 56cm</td> </tr> <tr> <td>Back Width</td> <td style="text-align: right;">42cm</td> </tr> <tr> <td>Seat - Lumbar</td> <td style="text-align: right;">22cm - 29cm</td> </tr> <tr> <td>Seat - Neck Rest</td> <td style="text-align: right;">64cm - 76cm</td> </tr> <tr> <td colspan="2" style="padding-top: 10px;">Seat - Elbow</td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td style="text-align: right;">21cm - 31cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td style="text-align: right;">24cm - 34cm</td> </tr> <tr> <td colspan="2" style="padding-top: 10px;">Elbow - Elbow</td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td style="text-align: right;">46cm - 60cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td style="text-align: right;">40cm - 60cm</td> </tr> </table>	Seat Height	51cm - 59cm	Seat Width	50cm	Seat Depth	44cm - 53cm	Back Height	48cm - 56cm	Back Width	42cm	Seat - Lumbar	22cm - 29cm	Seat - Neck Rest	64cm - 76cm	Seat - Elbow		▶ with Ergo-Arms®	21cm - 31cm	▶ with L18U Arms	24cm - 34cm	Elbow - Elbow		▶ with Ergo-Arms®	46cm - 60cm	▶ with L18U Arms
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▶ with Ergo-Arms®	46cm - 60cm																										
▶ with L18U Arms	40cm - 60cm																										

Arm Rest Options

L02 Height adjustable armrests	£110.00
L03 Height adjustable arms with PU tops.	£128.00
L62 Height adjustable arms with fabric tops.	£163.00
Ergo-Arm PU® Height, width and depth adjustable arms with PU tops.	£128.00
Ergo-Arm® height, width and depth adjustable arms with fabric tops.	£163.00
L18U Height, width and depth adjustable arms with fabric tops.	£186.00


Optional Features

Locking Castors (x3)	£30.00
Soft Castors for hard floors	f.o.c
Energy Absorbing Seat Foam	£47.00
Energy Absorbing DuoBack Pads	£180.00
Energy Absorbing Ergo-Arms®	£30.00
Swivel Locking Gas Lift	£58.00
Coccyx Cut Out	£196.00
Increased depth and increased height neckrest	£109.00
360mm-410mm Seat height	£30.00
470mm-650mm Seat height	£47.00
620mm Polished Aluminium Tripe 'Y' base.	£31.00

Synchron 8

List Prices March 2010



duo-back© Type 12	List Price £																														
 <p>Synchron 8 duo-back with Type 12 back rest; polished Six-Star base and fully upholstered VP arms*.</p>	C.O.M Fabric Group 20 Fabric Group 40 Fabric Group 45 Fabric Group 48 Fabric Group 49 Fabric Group 50 Fabric Group 55	£1,312.00 £1,354.00 £1,398.00 £1,470.00 £1,563.00 £1,642.00 £1,870.00 £2,201.00																													
	Standard Features	Standard Chair Measurements																													
	<ul style="list-style-type: none"> ▶ Seat Height Adjustment ▶ Multi-lock tilting action with weight tension control. ▶ Independently height adjustable back rest pads. ▶ Width adjustable back rest pads. ▶ Height adjustable neckrest. ▶ 43cm duo-back© back pads with fully upholstered outer shells. ▶ 620mm 6-Star Base in Black 	<table border="0"> <tr> <td>Seat Height</td> <td>51cm - 59cm</td> </tr> <tr> <td>Seat Width</td> <td>50cm</td> </tr> <tr> <td>Seat Depth</td> <td>44cm - 53cm</td> </tr> <tr> <td>Back Height</td> <td>48cm - 56cm</td> </tr> <tr> <td>Back Width</td> <td>42cm</td> </tr> <tr> <td>Seat - Lumbar</td> <td>22cm - 29cm</td> </tr> <tr> <td>Seat - Neck Rest</td> <td>64cm - 76cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Seat - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>21cm - 31cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>24cm - 34cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Elbow - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>46cm - 60cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>40cm - 60cm</td> </tr> </table>	Seat Height	51cm - 59cm	Seat Width	50cm	Seat Depth	44cm - 53cm	Back Height	48cm - 56cm	Back Width	42cm	Seat - Lumbar	22cm - 29cm	Seat - Neck Rest	64cm - 76cm			Seat - Elbow		▶ with Ergo-Arms®	21cm - 31cm	▶ with L18U Arms	24cm - 34cm			Elbow - Elbow		▶ with Ergo-Arms®	46cm - 60cm	▶ with L18U Arms
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Arm Rest Options

L02 Height adjustable armrests	£110.00
L03 Height adjustable arms with PU tops.	£128.00
L62 Height adjustable arms with fabric tops.	£163.00
Ergo-Arm PU® Height, width and depth adjustable arms with PU tops.	£128.00
Ergo-Arm® height, width and depth adjustable arms with fabric tops.	£163.00
L18U Height, width and depth adjustable arms with fabric tops.	£186.00

Optional Features

Locking Castors (x3)	£30.00
Soft Castors for hard floors	f.o.c
Energy Absorbing Seat Foam	£47.00
Energy Absorbing DuoBack Pads	£180.00
Energy Absorbing Ergo-Arms®	£30.00
360mm-410mm Seat height	£30.00
470mm-650mm Seat height	£47.00
620mm Polished Aluminium Tripe 'Y' base.	£31.00

*Armrests shown for image purposes only. Due to the fixed nature of the VP armrests, we do not promote this armrest as it does not fit in with our ergonomic ethos. Please select armrests from the "Arm Rest Options" above.

ergonom 67 GSS	List Price £																															
 <p data-bbox="159 969 435 1023">67 GSS duo-back with Type 11 back rest and L03 armrests.</p>	C.O.M	£885.00																														
	Fabric Group 20	£897.00																														
	Fabric Group 40	£908.00																														
Fabric Group 45		£931.00																														
Fabric Group 48		£962.00																														
Fabric Group 49		£990.00																														
Fabric Group 50		£1,112.00																														
Fabric Group 55		£1,214.00																														
Standard Features		Standard Chair Measurements																														
<ul style="list-style-type: none"> ▶ Seat Height Adjustment ▶ Independent Seat tilt mechanism ▶ Independently height adjustable back rest. ▶ Width adjustable duo-back®© back rest pads. ▶ 450mm wide x 440mm deep split seat with easily adjustable left and right hand folding front seat sections. ▶ 43cm duo-back®© back pads with polypropylene outer shells. ▶ 600mm 5-Star Base in Black 		<table border="0"> <tr> <td>Seat Height</td> <td>46-60cm</td> </tr> <tr> <td>Seat Width</td> <td>45cm</td> </tr> <tr> <td>Seat Depth</td> <td>44cm</td> </tr> <tr> <td>Back Height</td> <td>43cm - 50cm</td> </tr> <tr> <td>Back Width</td> <td>40-45cm</td> </tr> <tr> <td>Seat - Lumbar</td> <td>16-22cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Seat - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>15-25cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>15-25cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Elbow - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>40-60cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>35-65cm</td> </tr> </table>			Seat Height	46-60cm	Seat Width	45cm	Seat Depth	44cm	Back Height	43cm - 50cm	Back Width	40-45cm	Seat - Lumbar	16-22cm			Seat - Elbow		▶ with Ergo-Arms®	15-25cm	▶ with L18U Arms	15-25cm			Elbow - Elbow		▶ with Ergo-Arms®	40-60cm	▶ with L18U Arms	35-65cm
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Arm Rest Options

L02 Height adjustable armrests **£110.00**

L03 Height adjustable arms with PU tops. **£128.00**

L62 Height adjustable arms with fabric tops. **£163.00**

Ergo-Arm PU® Height, width and depth adjustable arms with PU tops. **£128.00**

Ergo-Arm® height, width and depth adjustable arms with fabric tops. **£163.00**

L18U Height, width and depth adjustable arms with fabric tops. **£186.00**


Optional Features

Locking Castors (x3) **£30.00**
Soft Castors for hard floors **f.o.c**

Energy Absorbing Seat Foam **£47.00**
Energy Absorbing DuoBack Pads **£180.00**
Energy Absorbing Ergo-Arms® **£30.00**
Swivel Locking Gas Lift **£58.00**
Coccyx Cut Out **£196.00**

Height and depth adjustable neckrest **£246.00**
Increased depth and increased height neckrest **£109.00**

360mm-410mm Seat height **£30.00**
470mm-650mm Seat height **£47.00**

ergonom 67 GSL	List Price £																															
 <p data-bbox="159 967 437 1021">67 GSL duo-back with Type 11 back rest and L62 armrests.</p>	C.O.M	£1,272.00																														
	Fabric Group 20	£1,286.00																														
Fabric Group 40		£1,297.00																														
Fabric Group 45		£1,319.00																														
Fabric Group 48		£1,349.00																														
Fabric Group 49		£1,378.00																														
Fabric Group 50		£1,501.00																														
Fabric Group 55		£1,603.00																														
Standard Features		Standard Chair Measurements																														
<ul style="list-style-type: none"> ▶ Seat Height Adjustment ▶ Independent Seat tilt mechanism ▶ Independently height adjustable back rest. ▶ Width adjustable duo-back®© back rest pads. ▶ 480mm wide x 500mm deep split seat with easily adjustable left and right hand folding front seat sections. ▶ 43cm duo-back®© back pads with polypropylene outer shells. ▶ 600mm 5-Star Base in Black 		<table border="0"> <tr> <td>Seat Height</td> <td>46-60cm</td> </tr> <tr> <td>Seat Width</td> <td>48m</td> </tr> <tr> <td>Seat Depth</td> <td>50cm</td> </tr> <tr> <td>Back Height</td> <td>43-50cm</td> </tr> <tr> <td>Back Width</td> <td>40-45cm</td> </tr> <tr> <td>Seat - Lumbar</td> <td>16-22cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Seat - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>15-25cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>15-25cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Elbow - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>40-60cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>35-65cm</td> </tr> </table>			Seat Height	46-60cm	Seat Width	48m	Seat Depth	50cm	Back Height	43-50cm	Back Width	40-45cm	Seat - Lumbar	16-22cm			Seat - Elbow		▶ with Ergo-Arms®	15-25cm	▶ with L18U Arms	15-25cm			Elbow - Elbow		▶ with Ergo-Arms®	40-60cm	▶ with L18U Arms	35-65cm
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Arm Rest Options

L02 Height adjustable armrests **£110.00**

L03 Height adjustable arms with PU tops. **£128.00**

L62 Height adjustable arms with fabric tops. **£163.00**

Ergo-Arm PU® Height, width and depth adjustable arms with PU tops. **£128.00**

Ergo-Arm® height, width and depth adjustable arms with fabric tops. **£163.00**

L18U Height, width and depth adjustable arms with fabric tops. **£186.00**


Optional Features

Locking Castors (x3) **£30.00**
Soft Castors for hard floors **f.o.c**

Energy Absorbing Seat Foam **£47.00**
Energy Absorbing DuoBack Pads **£180.00**
Energy Absorbing Ergo-Arms® **£30.00**
Swivel Locking Gas Lift **£58.00**
Coccyx Cut Out **£196.00**

Height and depth adjustable neckrest **£246.00**
Increased depth and increased height neckrest **£109.00**

360mm-410mm Seat height **£30.00**
470mm-650mm Seat height **£47.00**

ergonom 67 SS	List Price £																															
 <p data-bbox="161 969 435 1025">67 SS duo-back with Type 11 back rest and L62 armrests.</p>	C.O.M Fabric Group 20 Fabric Group 40 Fabric Group 45 Fabric Group 48 Fabric Group 49 Fabric Group 50 Fabric Group 55	£796.00 £813.00 £827.00 £849.00 £891.00 £921.00 £1,052.00 £1,163.00																														
	Standard Features	Standard Chair Measurements																														
	<ul style="list-style-type: none"> ▶ Seat Height Adjustment ▶ Independent Seat tilt mechanism ▶ Independently height adjustable back rest. ▶ Width adjustable duo-back®© back rest pads. ▶ 430mm wide x 320mm deep contoured "perching" seat. ▶ 470mm - 650mm Seat height. ▶ 43cm duo-back®© back pads with polypropylene outer shells. ▶ 620mm 6-Star Base in Black ▶ Fitted with Glides. 		<table border="0"> <tr> <td style="padding-right: 20px;">Seat Height</td> <td>47-65cm</td> </tr> <tr> <td>Seat Width</td> <td>43cm</td> </tr> <tr> <td>Seat Depth</td> <td>32cm</td> </tr> <tr> <td>Back Height</td> <td>43cm - 50cm</td> </tr> <tr> <td>Back Width</td> <td>40cm - 45cm</td> </tr> <tr> <td>Seat - Lumbar</td> <td>16cm - 22cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Seat - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>15cm - 25cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>15cm - 25cm</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Elbow - Elbow</td> <td></td> </tr> <tr> <td>▶ with Ergo-Arms®</td> <td>40cm - 60cm</td> </tr> <tr> <td>▶ with L18U Arms</td> <td>35cm - 65cm</td> </tr> </table>		Seat Height	47-65cm	Seat Width	43cm	Seat Depth	32cm	Back Height	43cm - 50cm	Back Width	40cm - 45cm	Seat - Lumbar	16cm - 22cm			Seat - Elbow		▶ with Ergo-Arms®	15cm - 25cm	▶ with L18U Arms	15cm - 25cm			Elbow - Elbow		▶ with Ergo-Arms®	40cm - 60cm	▶ with L18U Arms	35cm - 65cm
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Arm Rest Options

L02 Height adjustable armrests	£110.00
L03 Height adjustable arms with PU tops.	£128.00
L62 Height adjustable arms with fabric tops.	£163.00
Ergo-Arm PU® Height, width and depth adjustable arms with PU tops.	£128.00
Ergo-Arm® height, width and depth adjustable arms with fabric tops.	£163.00
L18U Height, width and depth adjustable arms with fabric tops.	£186.00

Optional Features

520mm Polished Footring	£92.00
Energy Absorbing Seat Foam	£47.00
Energy Absorbing DuoBack Pads	£180.00
Energy Absorbing Ergo-Arms®	£30.00
Swivel Locking Gas Lift	£58.00
620mm Polished Aluminium	£31.00
Tripe 'Y' base.	

Free Standing Leg Rest	List Price £			
	C.O.M	£419.00		
	Fabric Group 20	£428.00		
	Fabric Group 40	£438.00		
Fabric Group 45	£445.00			
Fabric Group 48	£463.00			
Fabric Group 49	£480.00			
Fabric Group 50	£537.00			
Fabric Group 55	£608.00			
Standard Features	Standard Measurements			
<ul style="list-style-type: none"> ▶ Gas lift height adjustment ▶ Angle adjustable leg support cushion. ▶ Contoured leg support cushion for stable support. ▶ Angle adjustable upper section for preventing pressure from the upper leg area. ▶ 600mm 5-Star Base in Black ▶ Fitted with Glides. 	Leg Rest Height	47-62cm		
	(set level)			
	Leg Rest Width	22 / 18cm		
	Leg Rest Length	62cm		
Duo-Feet Model 2C	List Price £			
	£92.00			
	Standard Features		Standard Measurements	
	<p>The Grahl Duo-Feet is designed to provide a firm but flexible foundation for the feet, whilst relieving pressure from the legs and maintaining body balance. The unique design of the split footplate allows each foot to be moved independently and to be angled for individual comfort.</p> <ul style="list-style-type: none"> ▶ 5 Height adjustment settings. ▶ Independently angle adjustable footplates. ▶ Moulded honeycomb constructed footplates for durability. ▶ 20mm Chrome frame 	Footrest	56cm (w) x 35cm (d)	
	Footplate surface area	46cm (w) x 35cm (d)		
	Height settings	7cm		
	(when set level)	8cm		
		9cm		
		10cm		
		11cm		

<p>db-402-413</p>	<p>List Price £</p>																	
 <p>db-402-413 with a chrome frame.</p>	<table border="0"> <tr> <td>C.O.M</td> <td>£464.00</td> </tr> <tr> <td>Fabric Group 20</td> <td>£480.00</td> </tr> <tr> <td>Fabric Group 40</td> <td>£498.00</td> </tr> <tr> <td>Fabric Group 45</td> <td>£527.00</td> </tr> <tr> <td>Fabric Group 48</td> <td>£567.00</td> </tr> <tr> <td>Fabric Group 49</td> <td>£606.00</td> </tr> <tr> <td>Fabric Group 50</td> <td>£764.00</td> </tr> <tr> <td>Fabric Group 55</td> <td>£914.00</td> </tr> </table>	C.O.M	£464.00	Fabric Group 20	£480.00	Fabric Group 40	£498.00	Fabric Group 45	£527.00	Fabric Group 48	£567.00	Fabric Group 49	£606.00	Fabric Group 50	£764.00	Fabric Group 55	£914.00	<p>Chrome Frame £45.00</p>
C.O.M	£464.00																	
Fabric Group 20	£480.00																	
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Fabric Group 55	£914.00																	
	<p>Standard Features</p>	<p>Standard Measurements</p>																
	<ul style="list-style-type: none"> ▶ Cantilever Base. ▶ 25mm Ø steel tubular frame powder coated in Black. ▶ Suspended seat for extreme comfort. ▶ 43cm duo-back®© back pads with upholstered outer shells. ▶ Fully upholstered armrest top caps. ▶ Stackable in clusters of 3 ▶ Fitted with Glides. 	<table border="0"> <tr> <td>Seat Height</td> <td>46cm</td> </tr> <tr> <td>Chair Height</td> <td>94cm</td> </tr> <tr> <td>Seat Width</td> <td>45cm</td> </tr> <tr> <td>Chair Width</td> <td>59cm</td> </tr> <tr> <td>Seat Depth</td> <td>45cm</td> </tr> <tr> <td>Chair Depth</td> <td>64cm</td> </tr> </table>	Seat Height	46cm	Chair Height	94cm	Seat Width	45cm	Chair Width	59cm	Seat Depth	45cm	Chair Depth	64cm				
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<p>db-402-113</p>	<p>List Price £</p>																	
 <p>db-402-113 with a chrome frame.</p>	<table border="0"> <tr> <td>C.O.M</td> <td>£464.00</td> </tr> <tr> <td>Fabric Group 20</td> <td>£480.00</td> </tr> <tr> <td>Fabric Group 40</td> <td>£498.00</td> </tr> <tr> <td>Fabric Group 45</td> <td>£527.00</td> </tr> <tr> <td>Fabric Group 48</td> <td>£567.00</td> </tr> <tr> <td>Fabric Group 49</td> <td>£606.00</td> </tr> <tr> <td>Fabric Group 50</td> <td>£764.00</td> </tr> <tr> <td>Fabric Group 55</td> <td>£914.00</td> </tr> </table>	C.O.M	£464.00	Fabric Group 20	£480.00	Fabric Group 40	£498.00	Fabric Group 45	£527.00	Fabric Group 48	£567.00	Fabric Group 49	£606.00	Fabric Group 50	£764.00	Fabric Group 55	£914.00	<p>Chrome Frame £45.00</p>
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Fabric Group 49	£606.00																	
Fabric Group 50	£764.00																	
Fabric Group 55	£914.00																	
	<p>Standard Features</p>	<p>Standard Measurements</p>																
	<ul style="list-style-type: none"> ▶ Cantilever Base. ▶ 25mm Ø steel tubular frame powder coated in Black. ▶ Suspended seat for extreme comfort. ▶ 43cm duo-back®© back pads with upholstered outer shells. ▶ Soft Black PU armrest top caps. ▶ Stackable in clusters of 3 ▶ Fitted with Glides. 	<table border="0"> <tr> <td>Seat Height</td> <td>46cm</td> </tr> <tr> <td>Chair Height</td> <td>94cm</td> </tr> <tr> <td>Seat Width</td> <td>45cm</td> </tr> <tr> <td>Chair Width</td> <td>59cm</td> </tr> <tr> <td>Seat Depth</td> <td>45cm</td> </tr> <tr> <td>Chair Depth</td> <td>64cm</td> </tr> </table>	Seat Height	46cm	Chair Height	94cm	Seat Width	45cm	Chair Width	59cm	Seat Depth	45cm	Chair Depth	64cm				
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ERGONOM & ERGONOM 'B' DUO-BACK® - CHAIR ADJUSTMENTS

1. SEAT HEIGHT

To Raise the chair in height lift this lever whilst unseated. To Lower the chair in height lift this lever whilst seated.

2. BACK RAKE ADJUSTMENT

By raising this lever up the chair back rest will be in free float. When in free float you can then lean against the back rest to alter the angle of the back. Once you have found a position you are comfortable with, push down on the lever to lock it off.

3. ASYNCHRONOUS SEAT ANGLE ADJUSTMENT (Ergonom B Only)

By raising this lever up the chair mechanism will be in free float. To lock the synchronous mechanism simply find a position you are comfortable with and push down on the lever to lock it off.

4. ERGOLAST® WEIGHT TENSION CONTROL (Optional Feature on Ergonom B Only)

By turning the knob anti-clockwise when seated you will increase the level of resistance to the asynchronous action of the chair and by rotating it clockwise, the resistance is reduced. Adjust to suit your body weight.

5. SLIDING SEAT MECHANISM (Optional Feature)

Using either hand release the mechanism by gently lifting the front under seat bar. This will enable you to slide the seat forwards and backwards to suit your upper leg length. By releasing the bar this will lock the seat pan in your chosen position.

6. DUO-BACK® HEIGHT ADJUSTMENT

Turn this wheel (1/2 to 1 turn) in anti-clockwise direction to loosen the back rest, then with your free hand raise or lower the back rest to the desired height and lock it in place by turning this wheel in a clockwise direction.

7. DUO-BACK® WIDTH ADJUSTMENT

Turn this wheel in a clockwise direction to decrease the width of the Duo-Back® back rest pads and in an anti-clockwise direction to increase the width.

8. ARMREST HEIGHT ADJUSTMENT

Press and hold this button, raise or lower the arm rest to the desired height and release the button.



SPS DUO-BACK® With ERGO-ARMS® - CHAIR ADJUSTMENTS

1. SEAT HEIGHT

To Raise the chair in height lift this lever whilst unseated. To Lower the chair in height lift this lever whilst seated.

2. SYNCHRONOUS ADJUSTMENT

By raising this lever up the chair mechanism will be in free float. To lock the synchronous mechanism simply find a position you are comfortable with and push down on the lever to lock it off.

3. ERGOLAST® WEIGHT TENSION CONTROL

By turning the knob anti-clockwise when seated you will increase the level of resistance to the asynchronous action of the chair and by rotating it clockwise, the resistance is reduced.

Adjust to suit your body weight.

4. DUO-BACK® WIDTH ADJUSTMENT

Turn this wheel in a clockwise direction to decrease the width of the Duo-Back® back rest pads and in an anti-clockwise direction to increase the width.

5. DUO-BACK® HEIGHT ADJUSTMENT

Turn this wheel (1/2 to 1 turn) in anti-clockwise direction to loosen the back rest, then with your free hand raise or lower the back rest to the desired height and lock it in place by turning this wheel in a clockwise direction.

6. SLIDING SEAT MECHANISM

Loosen the wheel at the rear underside of the seat pan by turning it clockwise by 1-1½ turns, this will enable you to pull the backrest frame out thus increasing the useable depth of the seat pan or by pushing the backrest frame in, it will decrease the useable depth of the seat pan. Re-tighten the wheel in an anti-clockwise direction to fix the backrest in position.

7. ARMREST HEIGHT ADJUSTMENT *

Press and hold this button, raise or lower the arm rest to the desired and release the button.

8. ARMREST WIDTH AND DEPTH ADJUSTMENT **

Loosening these locking levers (½-1 turn) will enable you to adjust the armrest width by swiveling the pad in or out and in depth by sliding the pad back and forth. Re-tighten the locking lever when you have found a position that you find supportive and comfortable.

Additional width adjustment can be achieved by loosening the bolts on the underside of the seat at the point where the armrest affixes to the seat pan.



SYNCHRON 7 DUO-BACK® - CHAIR ADJUSTMENTS

1. SEAT HEIGHT

To Raise the chair in height lift this lever whilst unseated. To Lower the chair in height lift this lever whilst seated.

2. SYNCHRONOUS ADJUSTMENT

By raising this lever up the chair mechanism will be in free float. To lock the synchronous mechanism simply find a position you are comfortable with and push down on the lever to lock it off.

3. ERGOLAST® WEIGHT TENSION CONTROL

By turning the knob anti-clockwise when seated you will increase the level of resistance to the synchronous action of the chair and by rotating it clockwise, the resistance is reduced. Adjust to suit your body weight.

4. BACK REST RAKE ADJUSTMENT

Turn this wheel anti-clockwise about 1-1½ turns. Lean against the back rest of the chair and the back will move back independently of the seat. Once a desirable position is found, tighten the wheel to lock the back in position. Or, alternatively, leave the back in free-float.

5. BACK REST TENSION ADJUSTMENT

This control enables the back rest movement to adjust to individual body weights. Use in conjunction with position 4.

Turn anti-clockwise to increase tension and clockwise to decrease tension.

6. SEAT DEPTH ADJUSTMENT

Turn this wheel anti-clockwise about 1-1½ turns to loosen the mechanism. This allows the backrest to slide back, thus creating a deeper seat to backrest depth. Adjust to leg length, remember to leave approximately 4cms of space between the front of the seat and the back of the knees. Re-tighten the mechanism by turning the wheel in a clockwise direction.

7. DUO-BACK® BACKREST PAD ADJUSTMENT

To adjust the height of the backrest pads, undo and remove the wheel and bolt. Set the backrest to the desired height and re-fit bolt and tighten the wheel.



SYNCHRON 7 DUO-BACK® - CHAIR ADJUSTMENTS

8. NECKREST ADJUSTMENT

Height adjustment:

To adjust the neck rest in height, depress the button and raise or lower the mechanism until the desired height is achieved. Release the button to lock in place.

Depth adjustment:

You can increase or decrease the depth of the neck rest by moving the cushion backwards or forwards at the two pivot points. These are friction based and there are no levers or buttons involved in this particular adjustment.

9. ERGO-ARM® ARMREST ADJUSTMENT (OPTIONAL FEATURE)

Height adjustment:

To adjust the armrests in height, depress the button and raise or lower the arms until the desired height is achieved. Release the button to lock in place.

Depth & Width adjustment:

Underneath the oval top section of the armrest you will find a little locking lever, if you loosen off this lever you will be able to move the top pad of the armrest through 360 degrees and can also slide it back and forth. Position the armrest pad so that your arms are in a natural and relaxed position whilst being supported on the armrests of the chair. Once you have made the adjustment lock the pad in place by re-tightening the locking lever underneath.

