





# **Ashtree wins Queen's Award for Export**

INTERNATIONAL TRADE 2012

In April 2012, Ashtree was among a select band of UK businesses to receive the **Queen's Award for Enterprise** (International Trade). This prestigious award is bestowed on companies which have demonstrated a consistent increase in their export sales over a number of years.

Later in the year, Ashtree was delighted to welcome His Royal Highness the Duke of Gloucester for the official award-giving ceremony. He was accompanied by the Lord Lieutenant of West Yorkshire, Dr Ingrid Roscoe.

The occasion also marked the opening of Ashtree's new 600 sq metre factory extension, see inside back cover, which will provide additional office, warehousing and manufacturing space.

In November 2012 Ashtree directors Alan Roper and John Roper met Her Majesty Queen Elizabeth II at Buckingham Palace. The occasion was the official reception for Queen's Award winners.



The Lord Lieutenant of West Yorkshire, Dr Ingrid Roscoe, inspects Ashtree's mirror arm assembly department.



The Duke of Gloucester photographed with Ashtree agents.



Ashtree managing director, Alan Roper, with the Duke of Gloucester by the plaque that marks the official opening of our extension.





# History





Founded as Ashtree Glass in Bradford. Ashtree was the name of the house the owner lived in and so the company took the name.



After operating from a spare room the company moved into the first rented premises.



After importing and distributing mirror glass Ashtree made the decision to open a glass cutting department.



After several different rented premises the decision was made to purchase Ashtree Works on Brownroyd Street in Bradford. See 1984 aerial image to the left.



The mirror division of the Desmo company in Birmingham was purchased. Desmo had OE mirror arms in the bus industry to complement the Ashtree range of mirrors.



We exhibit at our first overseas trade show- Automechanika in Frankfurt, Germany. See image to the left.



Bay four of Ashtree Works is rebuilt. Bay four is the left hand bay on the image above and to the left.



Our first unbreakable mirrors are made. In 2012 Ashtree manufactured and distributed in excess of 50,000 mirrors with an unbreakable lens.





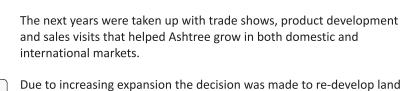
After various quality systems we are approved to ISO 9002:1994 by the VCA. We are currently approved to ISO 9001:2008 and the VCA still do our certification.



2011

2012

Continuing expansion means Ashtree need to develop bays 1, 2 & 3 of Ashtree Works. Bays 2 & 3 are merged to create one large work area.



on the side of Ashtree Works. Work commenced in the spring of 2012





and was completed in September. The addition of 600 square metres has given us room for future growth. How Ashtree Works looks now can be seen on the latest image to the left of this caption.

All of the Ashtree overseas trade shows and sales trips are rewarded with a Queen's Award for Enterprise in International Trade.

The decision is made to change the company name to Ashtree Vision and Safety. We believe the name better reflects the direction in which the company has grown.

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# **Part Number Index**

Ashtree Part No.	Page No.	Ashtree Part No.	Page No.	Ashtree Part No.	Page No.	Ashtree Part No.	Page No.
G200-G8231 glass	Pages 32-35	M5000FE	Page 7	M916CEH	Page 20	MX948B	Page 30
M2000CE	Page 5	M500CE	Page 8	M9201CEH	Page 20	MX950B	Page 31
M2000CEA2	Page 25	M500FE	Page 8	M920CEH	Page 20	MX950-Stud	Page 30
M2000FE	Page 5	M504CE	Page 17	M922CEH	Page 21	MX950-Tunnel	Page 31
M2000FEA2	Page 25	M504CEA	Page 18	M922FEH	Page 21	MX951B	Page 31
M200CE	Page 5	M5201CE	Page 8	M9231CEH	Page 21	MX951-Stud	Page 30
M200FE	Page 5	M520CE	Page 8	M923CEH	Page 21	MX951-Tunnel	Page 31
M235C	Page 25	M528CE	Page 8	M923FEH	Page 21	MX952	Page 31
M2381CE	Page 15	M545CE	Page 9	MO225CE	Page 5	PLH52	Page 46
M2382CE	Page 15	M545CEB	Page 9	MO613CE	Page 11	PLH60	Page 46
M238CE	Page 15	M555CE	Page 9	MO613CE-Black	Page 11	PLH74D	Page 46
M245C-42	Page 28	M555CEB	Page 9	MO702CE	Page 12	PLH74S	Page 46
M250CE	Page 15	M555CE-Yellow	Page 9	MX250CE	Page22	PLH74T	Page 46
M250CEB	Page 15	M555CEB-Yellow	Page 9	MX250CEB	Page 22	S900 series arms	Page 36
M250CEB-Yellow	Page 15	M560C-42	Page 28	MX250CEB-Yellow	Page 22	S1084-3	Page 44
M250CE-Yellow	Page 15	M600CE	Page 9	MX250CE-Yellow	Page 22	S1085-3	Page 44
M3101CE	Page 6	M600CESW	Page 9	MX430CE	Page 22	S1090	Pages 16, 44
M3101CEB	Page 6	M600FE	Page 9	MX430CEB	Page 22	S1091	Page 18
M3102CE	Page 15	M602CE	Page 10	MX4402CE	Page 23	S1100 series arms	Pages 37,38
M3102CEA1	Page 26	M6101CE	Page 10	MX4402CEB	Page 23	S1170	Page 44
M3102CEB	Page 15	M610CE	Page 10	MX440CE	Page 22	S1170X	Page 44
M310CE	Page 6	M610CE-Yellow	Page 10	MX440CEB	Page 22	S1172	Page 44
M310CEA1	Page 26	M613CE	Page 10	MX440CEB-Yellow	Page 22	S1172X	Page 44
M310CEB	Page 6	M6261CE	Page 11	MX440CE-Yellow	Page 22	S1173	Page 27
M310CEB-Yellow	Page 6	M626CE	Page 11	MX550CE	Pages 18, 23,28	S1199	Page 44
M310CE-Yellow	Page 6	M631C	Page 27	MX550CEA	Pages 18,23	S1202	Page 44
M310FE	Page 6	M631CA	Page 27	MX550CEA3	Pages 19,23	S1203	Page 44
M310FEA1	Page 26	M701CE	Page 11	MX550CEB	Pages 18,23,28	S1216	Pages 18, 44
M310FEB	Page 6	M702CE	Page 12	MX555CE	Page 24	S1217	Page 44
M400CE	Page 6	M702CE-Yellow	Page 12	MX555CEB	Page 24	S1230	Page 25
M4101CE	Page 7	M703CE	Page 12	MX555CE-Yellow	Page 24	S1300 series arms	Pages 39-41
M410CE	Page 7	M703CE-Yellow	Page 12	MX555CEB-Yellow	Page 24	S1400	Page 45
M430CE	Page 16	M7141CE	Page 13	MX6351CE	Pages 19,24,29	S1401	Page 45
M430CEA1	Page 16	M7141CE-Yellow	Page 13	MX6351CEB	Pages 19,24,29	S1402	Page 45
M430CEB	Page 16	M714CE	Page 13	MX635CE	Pages 19,24,29	S1406	Page 45
M430CESW	Page 16	M714CE-Yellow	Page 13	MX635CEB	Pages 19,24,29	S1500 series arms	Pages 42,43
M435CE	Page 17	M714FE	Page 13	MX725CEB	Page 24	Y2089	Pages 36, 37
M435CEA2	Page 26	M725CEB	Page 13	MX725CEB-Yellow	Page 24	Y2177	Page 47
M435CE-Stud	Page 17	M725CEB-Yellow	Page 13	MX941	Page 29	Y2600-Y2619	Page 35
M4402CE	Page 17	M800CE	Page 13	MX941A	Page 29	Y2671	Page 45
M4402CEB	Page 17	M807CE	Page 14	MX941B	Page 29	Y2675	Pages 21,47
M440CE	Page 7	M820CE	Page 14	MX942	Page 29	Y2676	Page 47
M440CEA2	Page 26	M8231CE	Page 14	MX942A	Page 29	Y2677-12	Pages 21,47
M440CEB	Page 7	M9121CEH	Page 20	MX942B	Page 29	Y2677-24	Pages 21,47
M440CEB-Yellow	Page 7	M912CEH	Page 20	MX943	Pages 27,30	Y2680	Page 45
M440CE-Yellow	Page 7	M9151CEH	Page 20	MX943A2	Page 27	Y26-Spares kits	Page 47
M5000CE	Page 7	M915CEH	Page 20	MX948	Page 30		



# **Contents**



Main mirrors for drivers and operators.

PAGES 5 - 14



Wide angle mirrors - Class IV

Overdoor - kerb mirrors - Class V

Front view or over screen mirrors - Class VI

PAGES 15 - 19



Powered and manually adjustable mirrors.

PAGES 20 - 21



Unbreakable mirrors for many different types of vehicles and machines.

PAGES 22 - 24



Interior mirrors for all types of vehicles and machines.

PAGES 25 - 27



Widely used in the Plant, Off Highway, Agricultural and Materials Handling industries.

PAGES 28 - 31



Replacement glasses for Ashtree mirrors and also many other manufacturers.

PAGES 32 - 35



The Ashtree exclusive heavy duty elements as well as a range of traditional foil elements.

PAGE 35



Ashtree manufacture four different ranges of mirror arm. S900 & S1100 in 16mm diameter. S1300 in 19mm diameter and S1500 in 28mm diameter.

PAGES 36 - 45



MOT Plate holders, height indicators, licence holders, spares kits, cables and switches.

PAGES 46 - 47



# Mirror 'e' Number Index

Current EU regulations require that newly homologated vehicles are now fitted with mirrors which have been tested to the latest EU directives: 2003/97/EC & 2005/27/EC. For this reason most of our older mirrors are being re-tested and have the 03\* prefix, instead of the old 02\* prefix. Both numbers are shown in this list.

"a" Number	Ashtuna Daut Na	Dage No.	"a" Number	Ashtuan Dout No	Dogo No
"e" Number e11 III 02*1008	Ashtree Part No. M400CE	Page No. 6	"e" Number	Ashtree Part No.	Page No.
e11 II 02 1008 e11 II 02*3701	M600CE	9	e11 IV V 03*6320	M238CE	15
e11    02 3701 e11    02*3701	M600FE	9	e11 IV V 03*6320	M2381CE	15
e11 III 02*3701	M5000FE	7	e11 VI 03*6320	M2382CE	15
e11 III 02*3702 e11 III 02*3702	M500FE	8	e11 IV V 03*6343	MX6351CE	19, 24 & 29
e11 II 02*3702	M500CE	7	e11 VI 03*6343	MX635CE	19, 24 & 29
e11 II 02 *3703	M500CE	8	e11 IV V 03*6404	M430CE	16
e11 III 02*3703	M2000CE	5	e11 IV V 03*6404	M430CEA1	16
e11 III 02*3704 e11 III 02*3704		5	e11 VI 03*6447	MX550CE	18, 23 & 28
e11 III 02*3704 e11 III 02*3704	M2000FE M200CE	5	e11 IV V 03*6588	M435CE	17
e11 III 02*3704 e11 III 02*3704		5	e11        03*6589	M725CEB	13
e11 II 02 3704 e11 II 02*3705	M200FE M601CE	NIC	e11        03*6590	M555CE	9
e11 II 02*3709	M800CE	13	e11        03*6619	M440CE	7
e11 II 02*3709 e11 II 02*3710	M701CE	11	e11 III 03*6622	M5000FE	7
		10	e11 III 03*6622	M500FE	8
e11 II 02*3711 e11 III 02*3712	M602CE M410CE	7	e11    03*6623	M5000CE	7
e11 II 02 3712 e11 II 02*3713	M4101CE	7	e11 II 03*6623	M500CE	8
e11 IV 02*3713	M4101CE M4102CE	, NIC	e11 III 03*6624	M2000CE	5
			e11 III 03*6624	M2000FE	5
e11 II 02*3716 e11 II 02*3717	M702CE M802CE	12 NIC	e11 III 03*6624	M200CE	5
e11 II 02*3717 e11 II 02*3718	M703CE	NIC	e11 III 03*6624	M200FE	5
e11   02*3718 e11   02*3719		12 26	e11 II 03*6625	M701CE	11
e11102*3719 e11102*3719	M310CEA1 M310FEA1	26	e11 II 03*6626	M602CE	10
e11 IV 02*3720			e11 III 03*6627	M410CE	7
e11 V 02*3720 e11 V 02*3720	M3102CE	15 26	e11 II 03*6628	M4101CE	7
e11 V 02*3720 e11 II 02*3721	M3102CEA1	6	e11 IV 03*6629	M4102CE	NIC
e11 III 02*3721 e11 III 02*3722	M3101CE M310CE		e11 II 03*6630	M702CE	12
e11 III 02 3722 e11 III 02*3722	M310FE	6 6	e11    03*6631	M703CE	12
e11 III 02 3722 e11 III 02*3722	M310CE	6	e11   03*6632	M310CEA1	26
e11 III 02 3722 e11 III 02*3722	M310FE	6	e11   03*6632	M310FEA1	26
e11 II 02 3722 e11 II 02*5326	MO702CE	12	e11 IV 03*6633	M3102CE	15
e11 II 02*5464	M520CE	8	e11 V 03*6633	M3102CEA1	26
e11 IV 02*5465	M504CE	17	e11 II 03*6634 e11 III 03*6635	M3101CE	6
e11V 02*5465	M504CEA	18		M310CE	6
e11 III 02*5473	M5201CE	8	e11 III 03*6635	M310FE	6
e11 II 02*5508	M807CE	14	e11 II 03*6636 e11 III 03*6637	M520CE M5201CE	8
e11 II 02*5509	M621CE	NIC	e11 II 03*6637		10
e11 II 02*5510	M613CE	10		M613CE	
e11 II 02*5511	M714CE	13	e11    03*6639 e11    03*6639	M714CE M714FE	13
e11    02*5511	M714FE	13	e11 III 03*6640	M7141CE	13 13
e11 III 02*5572	M7141CE	13	e11 II IV 03*6641	M922CEH	21
e11 II IV 02*5703	M902CEH	NIC	e11 II IV 03*6641	M922FEH	21
e11 II IV 02*5703	M902FEH	NIC	e11 II IV 03*6642	M9231CEH	21
e11 II IV 02*5704	M9021CEH	NIC	e11 III IV 03*6642	M9221CEH	NIC
e11 II 02*5803	M610CE	10	e11 II 03*6643	M610CE	10
e11 III 02*5804	M6101CE	10	e11 III 03*6644	M6101CE	10
e11 II 03*5957	M820CE	14	e11 III 03*6645	M9121CEH	20
e11 III 03*6125	M6261CE	11	e11 II 03*6645	M912CEH	20
e11 II 03*6125	M626CE	11	e11 II 03*6737	M800CE	13
e11 II 03*6126	M528CE	8	e11 II 03*6741	M807CE	14
e11 II 03*6203	M915CEH	20	e11    03*6742	M621CE	NIC
e11 II 03*6203	M916CEH	20	e11 IV V 03*6843	M250CE	15
e11 III 03*6203	M9151CEH	20	e11       03*6921	M8231CE	14
e11 II 03*6287	M545CE	9	e11 IV V 03*8012	M4402CE	17
e11 II IV 03*6288	M9201CEH	20	e3 II 02*56323	MO613CE	11
e11 II IV 03*6288	M920CEH	20	e4 II 02*5914	MO225CE	5
			C 1 11 02 3314	111022302	3

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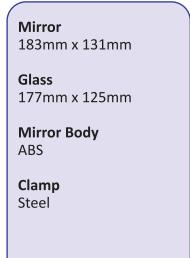
Tel: +44 (0) 1274 546732 Ema



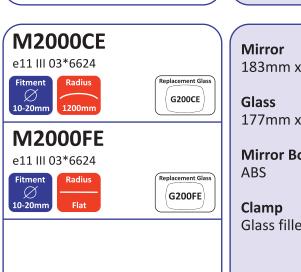


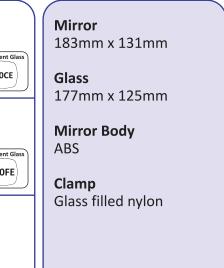
























e11 III 03\*6635







Replacement Glass

G410CE

# **M3101CE**

e11 II 03\*6634





Replacement Glass
G4101CE

# **M310FE**

e11 III 03\*6635





Replacement Glass
G410FE

#### Mirror

252mm x 168mm

#### **Glass**

236mm x 152mm

# **Mirror Body**

**ABS** 

#### Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity



# **M310CEB**

e11 III 03\*6635







# Replacement Glass G410CE

# **M3101CEB**

e11 II 03\*6634





Replacement Glass
G4101CE

# **M310FEB**

e11 III 03\*6635





Replacement Glass

G410FE

#### Mirror

252mm x 168mm

#### **Glass**

236mm x 152mm

# Mirror Body

ABS

#### Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity



# **M400CE**

e11 III 02\*1008





Replacement Glass

#### Mirror

242mm x 163mm

#### **Glass**

234mm x 155mm

#### **Mirror Body**

Steel

#### Clamp

Steel









76-22mm

G4101CE

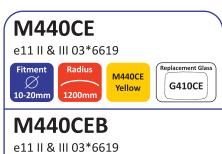
Mirror 252mm x 168mm

**Glass** 236mm x 152mm

**Mirror Body ABS** 

Clamp Glass filled nylon





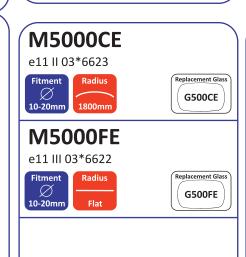


Mirror 245mm x 162mm **Glass** 236mm x 152mm **Mirror Body ABS** 

Clamp Glass filled nylon

see page 22.





Mirror 260mm x 160mm

**Glass** 253mm x 153mm

**Mirror Body** ABS

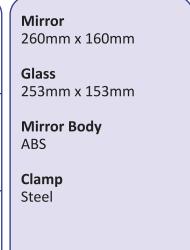
Clamp Glass filled nylon



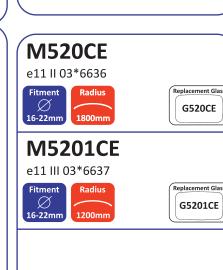


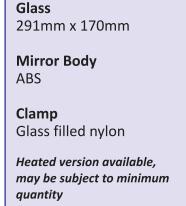








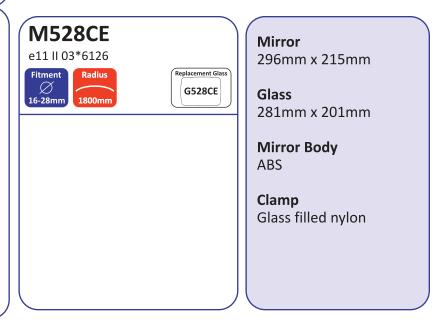




Mirror

308mm x 186mm





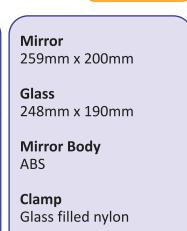




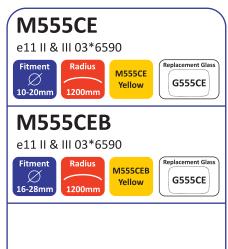


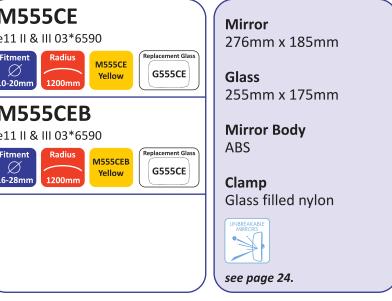


16-28mm













Mirror 318mm x 220mm 300mm x 210mm **Mirror Body** Steel Clamp M600CE & M600FE Glass filled nylon M600CESW Steel M600CE - Heated version available, may be subject to minimum quantity







# M602CE

e11 II 03\*6626





Replacement Glass
G602CE

#### Mirror

345mm x 227mm

#### **Glass**

331mm x 214mm

### **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity



# **M610CE**

e11 II 03\*6643





M610CE Yellow

# Replacement Glass G610CE

# **M6101CE**

e11 III 03\*6644





Replacement Glass
G6101CE

#### Mirror

325mm x 195mm

#### **Glass**

309mm x 178mm

# **Mirror Body**

**ABS** 

#### Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity



# **M613CE**

e11 II 03\*6638





Replacement Glass
G613CE

#### Mirror

364mm x 214mm

#### **Glass**

347mm x 196mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity









# MO613CE-Black



e3 II 02\*56323



G613CE

#### Mirror

362mm x 212mm

#### Glass

347mm x 196mm

#### **Mirror Body**

Grey or Black Plastic

Heated version available, may be subject to minimum quantity



# **M626CE** e11 II 03\*6125 G626CE

# **M6261CE**

e11 III 03\*6125





G6261CE

#### Mirror

329mm x 238mm

#### **Glass**

315mm x 225mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon



# **M701CE** e11 II 03\*6625





Replacement Glass G701CE

#### Mirror

389mm x 204mm

#### Glass

375mm x 190mm

# **Mirror Body**

**ABS** 

#### Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity









Mirror 370mm x 184mm

Glass 355mm x 170mm

Mirror Body ABS

**Clamp**Glass filled nylon

Heated version available, may be subject to minimum quantity



MO702CE
e11 || 02\*5326

Fitment Radius
1800mm

Replacement Glass
G702CE

Mirror 370mm x 185mm

Glass 355mm x 170mm

Mirror Body Black Plastic

Heated version available, may be subject to minimum quantity



M703CE
e11 || 03\*6631

Fitment
Radius
16-22mm
Radius
1800mm
RADIUS
Replacement Glass
Yellow
Replacement Glass
G703CE

Mirror 412mm x 225mm

Glass 396mm x 208mm

Mirror Body ABS

**Clamp** Glass filled nylon

Heated version available, may be subject to minimum quantity

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quantity

Mirror

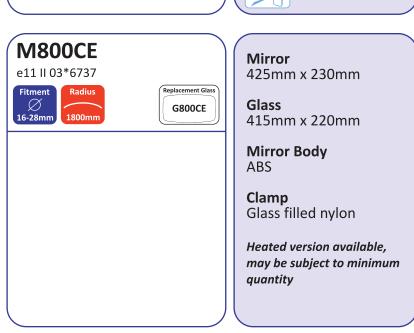






may be subject to minimum











# **M807CE** e11 || 03\*6741





Replacement Glass
G807CE

#### Mirror

443mm x 214mm

#### **Glass**

427mm x 197mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity



# **M820CE**

e11 II 03\*5957





Replacement Glass
G820CE

#### Mirror

422mm x 228mm

#### **Glass**

402mm x 209mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon



# **M8231CE**

e11 II & III 03\*6921





Replacement Glass
G8231CE

#### Mirror

420mm x 217mm

#### **Glass**

409mm x 209mm

# Mirror Body

ABS

#### Clamp

Glass filled nylon







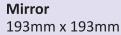


 $\varnothing$ 

Ø 16-28mm



G2382CE



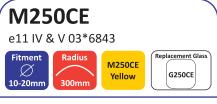
**Glass** 174mm x 174mm

**Mirror Body ABS** 

Clamp Glass filled nylon

Heated version available, may be subject to minimum quantity







e11 IV & V 03\*6843 Replacement Glas M250CEB G250CE Yellow

#### Mirror 208mm x 208mm

Glass 198mm x 198mm

**Mirror Body ABS** 

Clamp Glass filled nylon

Heated version available, may be subject to minimum quantity



see page 22.





Mirror 252mm x 168mm

Glass 236mm x 152mm

**Mirror Body** ABS

Clamp Glass filled nylon

Heated version available, may be subject to minimum quantity









# **M430CEB** e11 IV 03\*6404



Replacement Glass
G430CE

# Mirror

240mm x 155mm

#### Glass

235mm x 150mm

#### Mirror Body ABS

**-**1

Clamp Glass filled nylon

Heated version available, may be subject to minimum quantity



see page 22.



# M430CEA1

e11 IV 03\*6404



G430CE

# **S1090**

Arm only

#### Mirror

240mm x 155mm

#### **Glass**

235mm x 150mm

### **Mirror Body**

**ABS** 

#### Clamp

Glass filled nylon

Arm with 2 x 6mm slots at 40-60mm centres



#### M430CESW

e11 IV & V 03\*6404







#### Mirror

240mm x 155mm

#### **Glass**

235mm x 150mm

### **Mirror Body**

ABS

#### Clamp

Steel

Comes complete with a handwheel for easy tightening



Tel: +44 (0) 1274 546732









e11 IV & V 03\*6588





Replacement Glass G435CE

Mirror

215mm x 118mm

**Glass** 

210mm x 112mm

**Mirror Body ABS** 

M435CE Clamp -Glass filled nylon



# M4402CE

e11 IV & V 03\*8012







# **M4402CEB**

e11 IV & V 03\*8012





Replacement Glas G4402CE Mirror

245mm x 162mm

**Glass** 

236mm x 151mm

**Mirror Body** ABS

Clamp

Glass filled nylon

see page 23.





#### **M504CE**

e11 IV 02\*5465







#### Mirror

253mm x 153mm

250mm x 150mm

**Mirror Body** 

ABS

Clamp Steel

Comes complete with a handwheel for easy

tightening







# M504CEA

e11 V 02\*5465



Replacement Glass

# **S1216**

Arm only

#### Mirror

253mm x 153mm

#### **Glass**

250mm x 150mm

#### **Mirror Body**

ABS

#### Clamp

Steel

Arm with 2 x 7mm slots at 75-80mm centres



# **MX550CE**

e11 VI 03\*6447





See page 48 for more details.

# MX550CEB

e11 VI 03\*6447





#### Mirror

293mm x 210mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Unbreakable lens



# MX550CEA

e11 VI 03\*6447



See page 48 for more details.

#### S1091

Arm only

#### Mirror

293mm x 210mm

#### **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Unbreakable lens. Comes complete with 440mm long, 19mm diameter arm with clamp that fits 16-28mm diameter arms.



Tel: +44 (0) 1274 546732







# MX550CEA3

e11 VI 03\*6447



See page 48 for more details.

#### Mirror

293mm x 210mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Unbreakable lens. Universal class VI mirror kit complete with arm and mounting bracket suitable for vertical or horizontal fitment.



# **MX635CE**

e11 VI 03\*6343





# **MX6351CE**

e11 IV & V 03\*6343





#### Mirror

307mm diameter

# Mirror Body

ABS

### Clamp

Glass filled nylon

Unbreakable lens



#### MX635CEB

e11 VI 03\*6343





# **MX6351CEB**

e11 IV & V 03\*6343





Mirror

307mm diameter

# **Mirror Body**

ABS

### Clamp

Glass filled nylon

Unbreakable lens











**Glass** 362mm x 174mm

Mirror Body ABS

**Clamp**Glass filled nylon

Electrically adjustable and heated





**M9151CEH** 

e11 III 03\*6203



401mm x 210mm

**Clamp** Steel

Replacement Glass

G7141CEHc

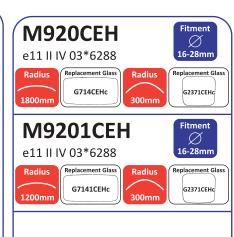
Mirror

Glass

M915CEH & M9151CEH Electrically adjustable and heated

M916CEH Hand adjustable and heated





Mirror 570mm x 214mm

Glass G714CEHc -362mm x 174mm G2371CEHc -173mm x 176mm

Mirror Body ABS

**Clamp** Steel

Electrically adjustable and heated









Mirror 400mm x 210mm

Glass G536 glasses 258mm x 175mm G2231 glasses 185mm x 95mm

Mirror Body ABS

**Clamp** Glass filled nylon

M922CEH & M922FEH - Electrically adjustable and heated

M923CEH & M923FEH -Hand adjustable and heated





G2231CEHc

G536FEHc

Mirror 400mm x 210mm

Glass G5361CEHc 258mm x 175mm G2231CEHc 185mm x 95mm

Mirror Body ABS

**Clamp**Glass filled nylon

Hand adjustable and heated



**Y2675** 

Y2677-24 Y2677-12 6 way plug with 2 metre cable

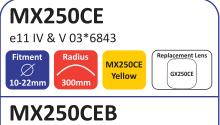
**Y2677-24 -** 24 volt

Y2677-12 - 12 volt 4 way mirror adjustment switch (both sides). Complete with 2 metres of cable. Dimensions: 47mm x 38mm to fit hole 44mm x 33mm









e11 IV & V 03\*6843









#### Mirror

208mm x 208mm

**Mirror Lens** 198mm x 198mm

**Mirror Body ABS** 

# Clamp

Glass filled nylon

Heated version available, may be subject to minimum quantity



# **MX430CE**

e11 IV 03\*6404







# MX430CEB

e11 IV 03\*6404





Replacement Lens GX430CE

#### Mirror

240mm x 155mm

#### **Mirror Lens**

235mm x 150mm

#### **Mirror Body ABS**

Clamp Glass filled nylon



# MX440CE

e11 II & III 03\*6619









# **MX440CEB**

e11 || & ||| 03\*6619









#### Mirror

245mm x 162mm

#### **Mirror Lens**

236mm x 152mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon







# **MX4402CE**

e11 IV & V 03\*8012







## **MX4402CEB**

e11 IV & V 03\*8012







#### Mirror

245mm x 162mm

# Mirror Lens

236mm x 151mm

# **Mirror Body**

ABS

#### Clamp

Glass filled nylon



# **MX550CE**

e11 VI 03\*6447





# MX550CEB

e11 VI 03\*6447





# MX550CEA

e11 VI 03\*6447



#### Mirror

293mm x 210mm

#### Mirror Body ABS

**Clamp** Glass filled nylon

Unbreakable lens

# MX550CEA - Comes

complete with 440mm long, 19mm diameter arm with clamp that fits 16-28mm diameter arms.

**S1091** - Arm only



# MX550CEA3

e11 VI 03\*6447



See page 48 for more details.

#### Mirror

293mm x 210mm

### **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Unbreakable lens. Universal class VI mirror kit complete with arm and mounting bracket suitable for vertical or horizontal fitment.









26-28mm



#### e11 II & III 03\*6590 Replacement Len MX555CEB GX555CE Yellow

#### Mirror 276mm x 185mm

**Mirror Lens** 255mm x 175mm

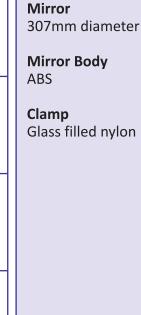
**Mirror Body** ABS

Clamp Glass filled nylon





**MX6351CEB** e11 IV V 03\*6343







Mirror 390mm x 190mm **Mirror Lens** 381mm x 182mm **Mirror Body** ABS Clamp Glass filled nylon







# S1230

Create your own interior mirror by using this universal arm. Most Ashtree mirrors, and many others, can be mounted onto the 19mm diameter tube.

Die-cast bracket that can be mounted in a vertical or horizontal position. The 19mm arm can be adjusted and then locked into position with the turn of a socket screw.



# M2000CEA2

e11 III 03\*6624



Replacement Glass
G200CE

# M2000FEA2

e11 III 03\*6624



Replacement Glass
G200FE

#### Mirror

183mm x 131mm

#### Glass

177mm x 125mm

# Mirror Body

ABS

Mounting bracket has two M6 slots that fasten at 40-60mm centres.



# M235C





#### Mirror

145mm x 113mm

Fitment: M6 stud

#### **Mirror Body**

Steel









e11 | 03\*6632



Replacement Glass

G410CE

## **M310FEA1**

e11 | 03\*6632



G410FE

# M3102CEA1

e11 V 03\*6633



Replacement Glass

G4102CE

#### Mirror

252mm x 168mm

#### **Glass**

236mm x 152mm

### **Mirror Body**

**ABS** 

Mounting bracket has two 7mm slots at 75-80mm centres.



# **M435CEA2**

e11 IV & V 03\*6588



Replacement Glass

G435CE

M435CE also available with clamp or stud - see page 17.

#### Mirror

215mm x 118mm

#### **Glass**

210mm x 112mm

# Mirror Body

ABS

Mounting bracket has two M6 slots that fasten at 40-60mm centres.



# **M440CEA2**

e11 II & III 03\*6619



Replacement Glass
G410CE

#### Mirror

245mm x 162mm

#### **Glass**

236mm x 152mm

# **Mirror Body**

ABS

Mounting bracket has two M6 slots that fasten at 40-60mm centres.







# **MX943**





#### Mirror

220mm x 110mm

Mirror Body ABS

# Clamp

Glass filled nylon



# **MX943A2**



#### Mirror

220mm x 110mm

#### Mirror Body ABS

Mounting bracket has two M6 slots that fasten at 40-60mm centres.



# **M631CA**



Supplied with S1173 arm

# M631C





# **S1173**

Arm used in M631CA assembly

#### Mirror

315mm diameter

Black powder coated steel. Mounts onto 35mm diameter hand rails. See also M245C-42 and M560C-42 in safety mirrors for alternative use as bus interior mirrors.

M631C - Mirror head only

**S1173** - Arm and bracket only.







# M245C-42





This mirror is available with different radii of glass - may be subject to minimum quantities.

#### Mirror

177mm diameter

Mirror Body ABS

**Clamp**Glass filled nylon



# **MX550CE**

e11 VI 03\*6447





## MX550CEB

e11 VI 03\*6447





#### Mirror

293mm x 210mm

Mirror Body ABS

**Clamp**Glass filled nylon



# M560C-42





This mirror is available with different radii of glass - may be subject to minimum quantities.

#### Mirror

255mm diameter

Mirror Body ABS

Clamp

Glass filled nylon







# **MX635CE**

e11 VI 03\*6343





### MX635CEB

e11 VI 03\*6343





## **MX6351CE**

e11 VI V 03\*6343





# **MX6351CEB**

e11 VI V 03\*6343





#### Mirror

307mm diameter

**Mirror Body** ABS

### Clamp

Glass filled nylon

Unbreakable lens



# **MX941**





#### **MX941A**



Supplied complete with fitting arm

# **MX941B**





#### Mirror

152mm diamater

#### **Mirror Body** Stainless Steel

Unbreakable lens



#### **MX942**





#### **MX942A**



Supplied complete with fitting arm

# **MX942B**





#### Mirror

203mm diameter

#### **Mirror Body** Stainless steel

Unbreakable lens







# **MX943**





#### Mirror

220mm x 110mm

### **Mirror Body**

ABS

#### Clamp

Glass filled nylon

Unbreakable lens



# **MX948**





# **MX948B**





#### Mirror

280mm x 160mm

# Mirror Body

ABS

#### Clamp

Glass filled nylon

Unbreakable lens



# MX950-Stud





# MX951-Stud





#### Mirror

MX950-Stud 315mm x 250mm

MX951-Stud 320mm x 275mm

# **Mirror Body**

Aluminium

Unbreakable lens









# MX950-Tunnel





# MX951-Tunnel





# Mirror

MX950-Tunnel 315mm x 250mm

MX951-Tunnel 320mm x 275mm

Mirror Body Aluminium

Unbreakable lens



# **MX950B**



Radius 125mm -185mm

# **MX951B**



Radius 125mm -185mm

# Mirror

MX950B 315mm x 250mm

MX951B 320mm x 275mm

Mirror Body Aluminium

Unbreakable lens



# **MX952**





#### Mirror

350mm x 250mm

#### Mirror Body Black plastic

Unbreakable lens





After a few years of simply importing and distributing glasses Ashtree made a decision to open a dedicated glass cutting department in 1982. It's quite a grand title but at the time it was only one person who cut the glass using manual glass cutting equipment. It's all changed since then. We now have three automatic glass cutting machines as well as a semi automatic machine for cutting deep radius glass.

After the glass has been cut it is shatter proofed to European Union standards using the automated glass taping machine that we had specially built for the job.

The following pages show the standard range of glasses that we keep in stock. We can also cut glass to customers requirements, subject to minimum quantities.



His Royal Highness the Duke of Gloucester inspects Ashtree's glass cutting department on his 2012 visit

G200CE	177 x 125	ASHTREE M2000CE / M200CE / M2000CEA2 / Universal 7" x 5"	Convex (1200r)
G200FE	177 x 125	<b>ASHTREE M2000FE / M200FE / M2000FEA2</b> / Universal 7" x 5"	Flat
G209CE	203 x 130	ASHTREE MO209CE / Land Rover (new model) / Sherpa / Leyland DAF 200 / 400	Convex (1200r)
G2231CEHc	185 x 95	ASHTREE M922CEH / M922FEH / M923CEH / M923FEH	Convex (300r)
G223CEHc	185 x 95	ASHTREE M902CEH / M9021CEH / M902FEH / M903CEH / M9031CEH / M903FEH	Convex (400r)
G2371CEHc	173 X 176	ASHTREE M920CEH / M9201CEH	Convex (300r)
G2371CETTC G2381CE	174 X 174	ASHTREE M320CETT M320CETT	Convex (300r)
G2382CE	174 X 174 174 X 174	ASHTREE M2382CE	1 1
			Convex (200r)
G238CE	174 x 174	ASHTREE M238CE	Convex (400r)
G250CE	198 x 198	ASHTREE M250CE/M250CEB	Convex (300r)
G4001CE	234 x 155	ASHTREE M4001CE / DESMO 365	Convex (800r)
G400CE	234 x 155	ASHTREE M400CE / DESMO 355	Convex (1200r)
G4101CE	236 x 152	ASHTREE M3101CE / M3101CEB / M4101CE	Convex (1800r)
G4102CE	236 x 152	ASHTREE M3102CE / M3102CEA1 / M4102CE	Convex (400r)
G410CE	236 x 152	ASHTREE M310CE / M310CEB / M310CEA1 / M410CE / M440CE / M440CEB / M440CEA2	Convex (1200r)
G410FE	236 x 152	ASHTREE M310FE / M310FEB / M310FEA1	Flat
G422CE	229 x 147	LDV Convoy (left hand)	Convex (1800r)
G423CE	230 x 150	LDV Convoy (right hand)	Convex (1800r)
GW427CEL	212 x 147	Transit LHS 2000 on	Convex (1800r)
GW427CER	212 x 147	Transit RHS 2000 on	Convex (1800r)
G430CE	235 x 150	ASHTREE M430CE / M430CEB / M430CEA1 / M430CESW	Convex (300r)
G435CE	210 x 112	ASHTREE M435CE / M435CEA2	Convex (300r)
G4402CE	236 x 151	ASHTREE M4402CE/M4402CEB	convex (450r)
G500CE	253 x 153	ASHTREE M5000CE / M500CE / Universal 10" x 6"	Convex (1800r)
G500FE	253 x 153	ASHTREE M5000FE / M500FE / Universal 10" x 6"	Flat
G504CE	250 x 150	ASHTREE M504CE / M504CEA / Scania	Convex (400r)
G515CE	264 x 151	ERF / Britax	Convex (400r)
G5201CE	291 x 170	ASHTREE M5201CE	Convex (1200r)
G520CE	291 x 170	ASHTREE M520CE / Mercedes / Duple	Convex (1200r)
G528CE	281 x 201	ASHTREE M528CE / John Deere	Convex (1800r)
G530CE	271 x 193	John Deere	1 1
			Convex (1800r)
G5361CEHc	255 x 170	ASHTREE M9021CEH / M9031CEH / M9221CEH / M9231CEH	Convex (1200r)
G536CEHc	255 x 170	ASHTREE M902CEH / M903CEH / M922CEH / M923CEH	Convex (1800r)
G545CE	248 X 190	ASHTREE M545CE / M545CEB	Convex (1800r)
G555CE	255 X 175	ASHTREE M555CE / M555CEB / M555CEA2	Convex (1200r)
G600CE	300 x 210	ASHTREE M600CE / M600CES / M600CESW / Volvo / Scania	Convex (1800r)
G600FE	300 x 210	ASHTREE M600FE / M600FES	Flat
G601CE	337 x 193	ASHTREE M601CE / M601CES / Raydyot CM500	Convex (1800r)
G602CE	331 x 214	ASHTREE M602CE / Bedford / Seddon Atkinson / Foden / ERF / Britax	Convex (1800r)
G6101CE	309 x 178	ASHTREE M6101CE	Convex (1200r)
G610CE	309 x 178	ASHTREE M610CE / MAN / VW	Convex (1800r)
G613CE	347 x 196	ASHTREE M613CE / MO613CE / M6013CE-BLACK / Iveco / Ford Eurocargo / Seddon Atkinson	Convex (1800r)
G624CE	300 x 214	Steyr / KHD	Convex (1800r)
G6261CE	315 x 225	ASHTREE M6261CE	Convex (1200r)
G626CE	315 x 225	ASHTREE M626CE / Case / McCormick / Massey Ferguson / New Holland	Convex (1800r)
G627CE	321 x 182	Valmet	Convex (1800r)
G629CE	304 x 218	Deutz	Convex (1800r)
G701CE	375 x 190	ASHTREE M701CE / Ford Cargo /   Leyland / DAF / Foden / Volvo / Plaxton	Convex (1800r)
G702CE	356 x 170	ASHTREE M702CE / MO702CE / Mercedes / Duple	Convex (1800r)
G703CE	396 x 208	ASHTREE M703CE / ERF / AWD / Foden	Convex (1800r)
G7141CE	362 x 174	ASHTREE M7141CE	Convex (1200r)
G714CE	362 x 174	ASHTREE M714CE / Volvo / Magirus Deutz / MAN / Iveco	Convex (1800r)
G714FE	362 x 174	ASHTREE M714FE	Flat
G725CE	381 X 182	ASHTREE M725CEB	Convex (1200r)
G800CE	415 x 220	ASHTREE M800CE / Scania	Convex (1800r)
G800CE G801CE	407 x 184	ASHTREE MO801CE / Mercedes	Convex (1800r)
G802CE	430 x 193	ASHTREE M802CE / Volvo	Convex (1800r)
G802CE G811CE	405 x 190	Irizar coach	Convex (1800r)
G811CE G820CE			, ,
	402 X 209	ASHTREE M820CE	Convex (1800r)
G8231CE	409 x 209	ASHTREE M8231CE	Convex (1200r)





G223CEHc 185 x 95 ASHTREE M902CEH /

M9021CEH / M902FEH M9031CEH / M903FEH

G400CE 234 x 155 **ASHTREE M400CE / DESMO 355**G4001CE 234 x 155 **ASHTREE M4001CE / DESMO 365** 

GW427CEL Transit LHS 2000 on

G4402CE 236 x 151 ASHTREE M4402CE / M4402CEB

G520CF 291 x 170

ASHTREE M520CE Mercedes / Duple G5201CE 291 x 170 ASHTREE M5201CE

G200CE 177 x 125 ASHTREE M2000CE / M200CE / M2000CEA2

G200FE 177x 125

ASHTREE M2000FE / M200FE / M2000FEA2 Universal 7 inch x 5 inch

G2371CEHc 173 x 176 ASHTREE M920CEH / M9202CEH G2371CEHc 173 x 176 ASHTREE M920CEH / M9201CEH

G4101CE 236 x 152

ASHTREE M3101CE / M3101CEB / M4101CE
G4102CE 236 x 152

ASHTREE M3102CE / M3102CEA1 / M4102CE
M410CE 236 x 152

ASHTREE M310CE / M310CEB / M310CEA1 / M410CE / M440CE / M440CEB / M440CEA2

ASHTREE M310FE / M310FEB / M310FEB / M310FEB A



GW427CER Transit RHS 2000 on

G500CE 253 x 153 **ASHTREE M5000CE / M500CE**G500FE 253 x 153 ASHTREE M5000FE / M500FE

> G528CE 281 x 201 ASHTREE M528CE John Deere

G555CE 255 x 175 ASHTREE M555CE / M555CEB / M555CEA2

G602CF 331 x 214 ASHTREE M602CE
Bedford / Seddon Atkinson / Foden / ERF / Britax G209CE 203 x 130 **ASHTREE MO209CE** Land Rover (new model) Sherpa / Leyland DAF 200 / 400

G238CE 174 x 174 G238CE 174 x 174 **ASHTREE M238CE** G2381CE 174 x 174 **ASHTREE M2381CE** G2382CE 174 x 174 **ASHTREE M2382CE** 

G422CE 229 x 147 LDV Convoy (left hand)

G430CE 235 x 150 ASHTREE M430CE / M430CEB / M430CEA1 / M430CESW

G504CF 250 x 150 ASHTREE M504CE / M504CEA Scania

> G530CE 271 x 193 John Deere

> > G600CE 300 x 210 ASHTREE M600CE / M600CES / M600CESW

Volvo Scania G600FE 300 x 210 ASHTREE M600FE / M600FES

G610CE 309 x 178 **ASHTREE M610CE** MAN / VW G6101CE 309 x 178 **ASHTREE M6101CE** 

G2231CFHc 185 x 95 ASHTREE M922CEH / M922FEH / M923CEH / M923FEH

G250CE 198 x 198 ASHTREE M250CE / M250CEB

G423CE 230 x 150 LDV Convov (right hand)

G435CE 210 x 112 ASHTREE M435CE / M435CEA2

G515CE 264 x 151 ERF / Britax

G5361CEHc 258 x 175 ASHTREE M9021CEH / M9031CEH / M92210EH / M92310EH G5360EHc 258 x 175 ASHTREE M902CEH / M903CEH / M922CEH / M923CEH

G545CE 248 x 190 ASHTREE M545CE / M545CEB

G601CE 337 x 193 ASHTREE M601CE / M601CES Raydyot CM500

G613CE 347 x 196
ASHTREE M613CE / M0613CE / M6013CE-BLACK Iveco / Ford Eurocargo / Seddon Atkinson





G624CE 300 x 214 Steyr / KHD

G626CE 315 x 225 **ASHTREE M626CE** Case / McCornick/ Massey Fergusson / New Holland G6261CE 315 x 225 **ASHTREE M6261CE** 

G627CE 321 x 182 Valmet

G629CE 304 x 218 Deutz

G701CE 375 x 190 **ASHTREE M701CE** Ford Cargo / Leyland / Daf / Foden / Volvo / Plaxton

G702CE 356 x 170 ASHTREE M702CE / MO702CE Mercedes / Duple

G703CE 396 x 208 **ASHTREE M703CE** ERF / AWD / Foden

G710CE 365 x 175 Mercedes

G714CE 362 x 174 - ASHTREE M7141CE
G7141CEHc 362 x 174
ASHTREE M9121CEH / M9151CEH / M9161CEH / M920CEH /
M9201CEH / M9202CEH / M9203CEH
G714CE - ASHTREE M714CE
Volvo / Magirus Deutz / MAN / Iveco
G714CEHc
ASHTREE M912CEH / M915CEH / M916CEH / M920CEH
G714FE - ASHTREE M714FE
G714FEHc - ASHTREE M912FEH

G725CE 381 x 182 ASHTREE M725CEB

G800CE 415 x 220 ASHTREE M800CE Scania

G801CE 407 x 184 ASHTREE MO801CE Mercedes

G802CE 430 x 193 Ashtree M802CE Volvo

G806CE 402 x 206 Renault

G811CE 405 x 190 Irizar coach



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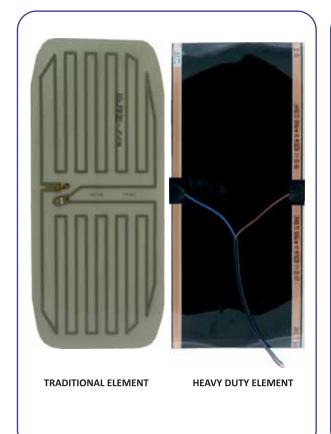
G820CE 402 x 209 ASHTREE M820CE G8231CE 409 x 209 - ASHTREE M8231CEB

The **Ashtree** range of mirror heating elements has proved very popular with drivers and operators. The design of the element (which is exclusive to **Ashtree Glass**) makes it the most durable on the market. The element is made from carbon impregnated glasscloth and as the current flows across, the whole surface heats up, thus avoiding the "striping" effect of other elements. There are no fine circuits which can damage easily, in fact you can drill a hole in the element and the current will simply flow round it as long as the copper electrodes are undamaged. The elements are completely sealed, being laminated with an insulating film. They can however be trimmed to size but it is best to reseal the edges.



The elements are supplied with 250mm of cable but special versions can be made with cable to other lengths or with terminals attached. Other sizes can be made in the two basic widths of 127mm and 167mm (subject to minimum quantities).

We also have a range of printed circuit elements with spade terminals, for customers who require the traditional type.

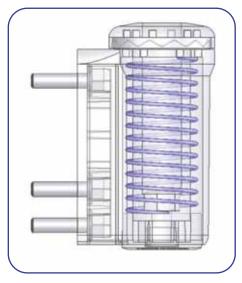


Y2600	200mm x 167mm	24 Volt
Y2601	270mm x 167mm	24 Volt
Y2602	270mm x 127mm	24 Volt
Y2603	320mm x 127mm	24 Volt
Y2604	205mm x 127mm	24 Volt
Y2605	300mm x 167mm	24 Volt
Y2606	375mm x 167mm	24 Volt
Y2607	175mm x 127mm	24 Volt
Y2608	120mm x 127mm	24 Volt
Y2602-12	270mm x 127mm	12 Volt
Y2605-12	300mm x 167mm	12 Volt
Traditional Ele	ments	
Y2610	318mm x 175mm	24 Volt
Y2611	173mm x 137mm	24 Volt
Y2613	160mm x 160mm	24 Volt
Y2614	208mm x 173mm	24 Volt
Y2615	385mm x 165mm	24 Volt
Y2616	410mm x 190mm	24 Volt
Y2618	310mm x 130mm	24 Volt
Y2619	250mm x 145mm	24 Volt

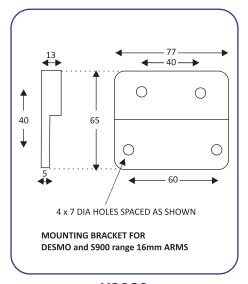


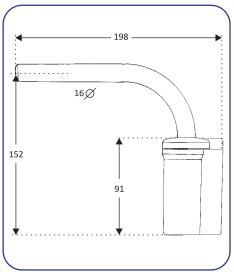


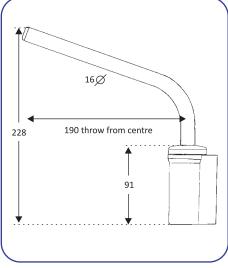
**S900 range of mirror arms -** The Ashtree S900 range of mirror arms was designed to be strong, durable and as practical as possible. Since these arms were launched we have exported more than 65% of production. The vast majority of these have been used as original equipment in the construction equipment industry where strength and durability are prime considerations. At the design stage for this range we chose a high impact polymer for the body of the moulding. This is cheaper than traditional zinc, and helps keep the cost down, but it's also very strong and helps reduce vibration and play on the arms. Indexing is done on two sets of zinc teeth that are set into opposite surfaces on the body and spindle of the arm. This means that indexing is between two metal surfaces, minimising wear, adding strength and reducing vibration. Most mirror arms adjust in 45 degree increments. Because of the design of the S900 mirror arms adjustment is at 20 degree increments. This means that more mirrors can be mounted in the correct position with these arms than they can be with any other design. To mount these arms simply choose two of the three M6 holes in the body. These are at either 45mm or 60mm centres.



The S900 range is the subject of UK Patent Application No. 0917899.7



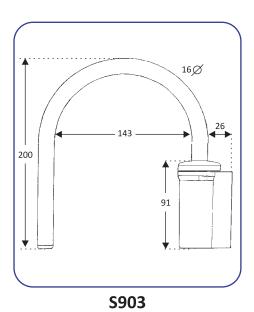


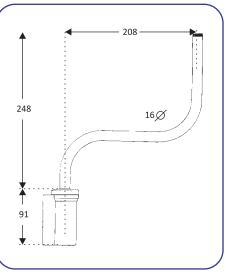


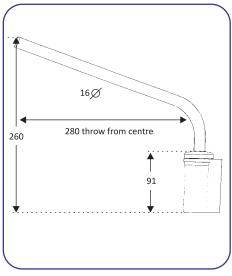
Y2089

S901

S902







S904

S905

36

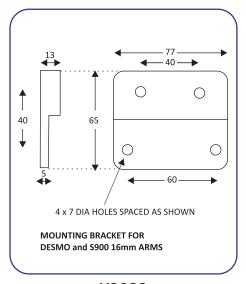


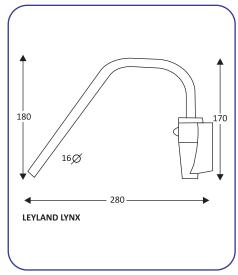


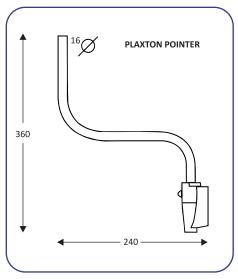
**Desmo range of mirror arms -** Originally manufactured by **Desmo**, production of this range of mirror arms was moved to Bradford on the purchase of the **Desmo** business in 1989, and for many years was the industry standard product for UK bus builders. The mirror arms are 16mm in diameter and adjust in 45° increments. Additional adjustment can be made by removing the screw in the body and relocating in one of two holes located 15 degrees on either side of the set position. For mounting, all of the indexing brackets have two threaded M6 holes at 60mm centres. A mounting bracket (**Y2089**) is available (see below). Other types of arms can be produced in this range.



#### All dimensions in mm unless otherwise stated



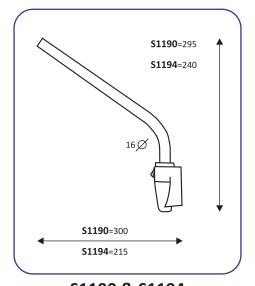


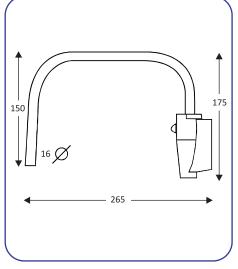


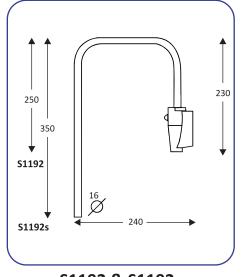
Y2089

S1186

S1187







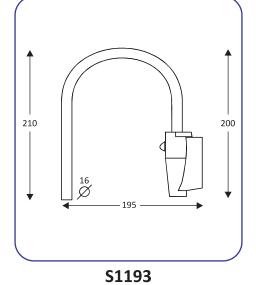
S1190 & S1194

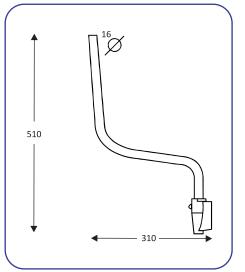
S1191

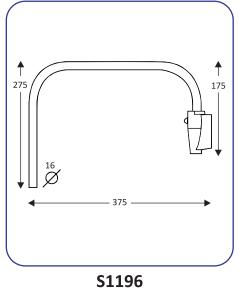
S1192 & S1192s

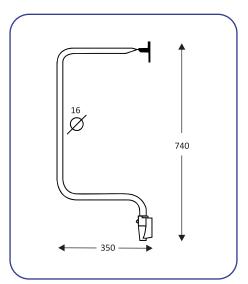


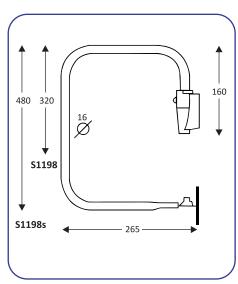


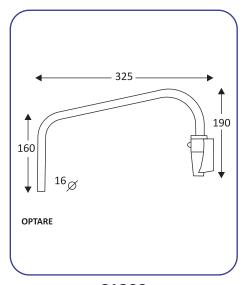








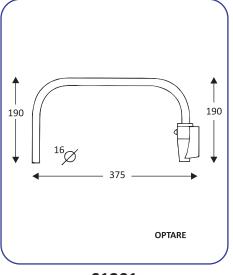


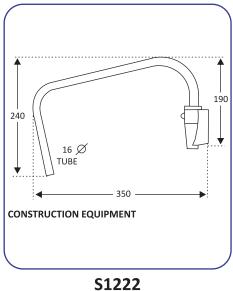


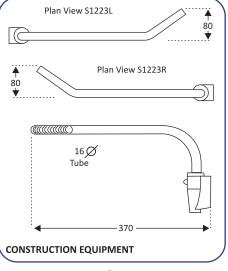
S1197

S1198 & S1198s

**S1200** 







S1201

S1223L & S1223R

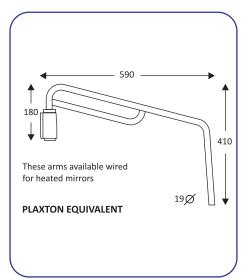


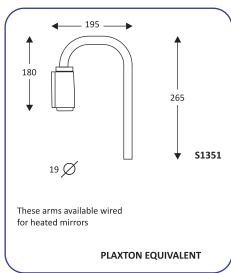


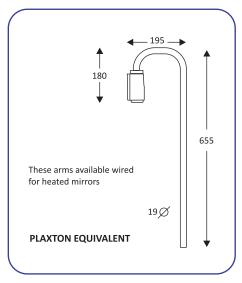


**S1300 range of mirror arms -** The **S1300** range of 19mm diameter mirror arms was designed for use with larger mirrors and for use on coaches. The diecast indexing bracket has a dogtooth mechanism giving 22.5° of adjustment through 360 degrees, 16 positions in total. The mounting bracket has two variations. The 3 hole version (Y2670-3) is fully compatible with the Arcol mirror bracket and allows **Ashtree** and Arcol arms to interchange. The four hole version (Y2670-4) has four holes similar to the Wilke and Mekra models. This allows **Ashtree** brackets to be exchanged for Wilke and Mekra products in the easiest possible way. A further benefit of the **Ashtree** system is the addition of a grub screw in the mounting bracket. This can be tightened to help prevent theft. The arms can also be supplied wired for heated mirrors. Other types of arms can be produced in this range.





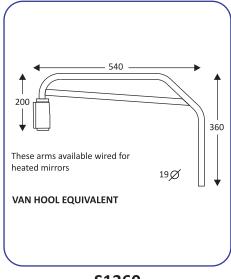


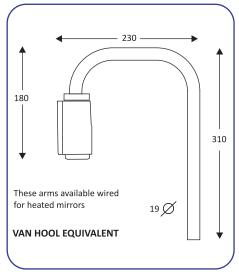


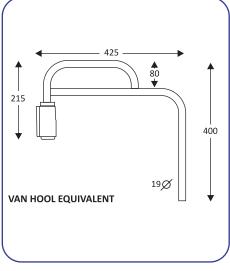
**S1350** 

S1351

**S1352** 



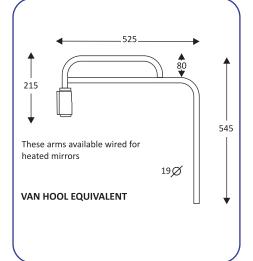


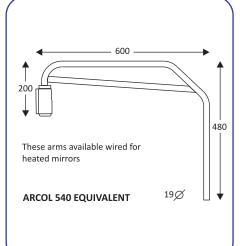


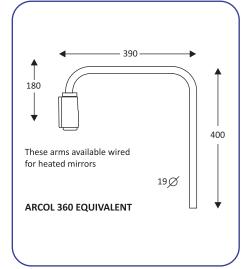
S1360 S1361 S1362







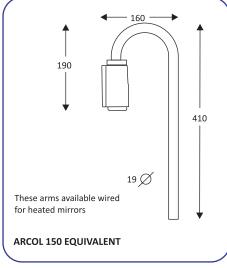


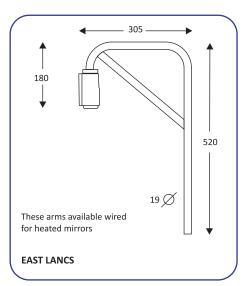


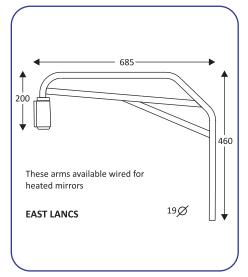
**S1363** 

**S1370** 

**S1372** 



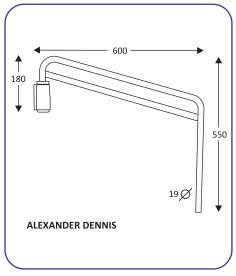


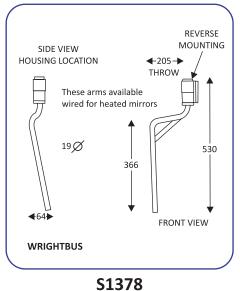


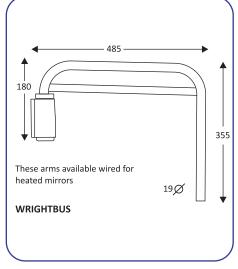
**S1374** 

**S1375** 

**S1376** 





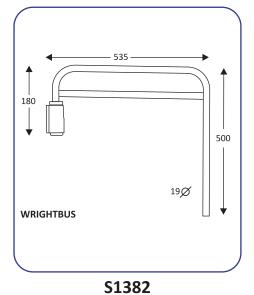


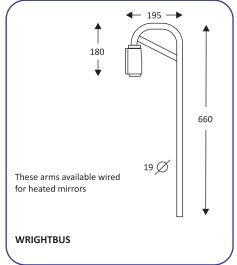
S1377

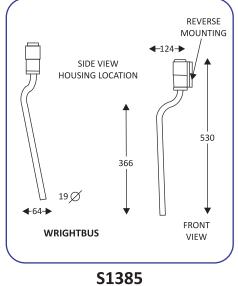
40







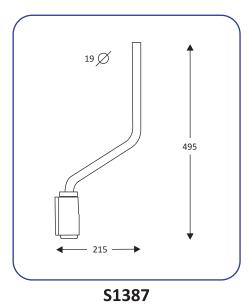


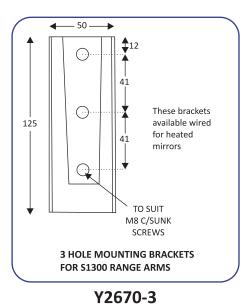


Reverse Mounting

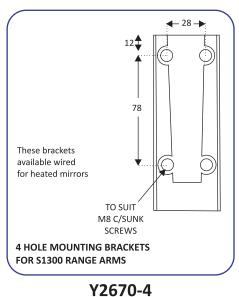
190

WRIGHTBUS





**S1386** 



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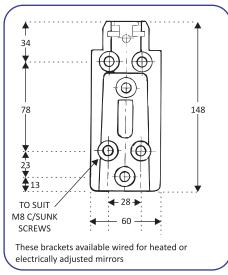
41

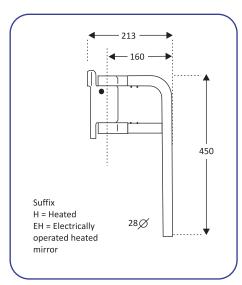


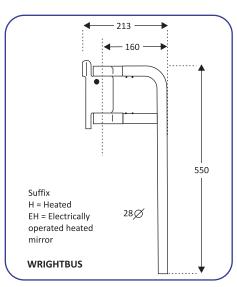


**S1500 range of mirror arms -** The latest range of mirror arms is the **S1500** style. These arms have twin 28mm diameter arms which provide tremendous stability. The brackets index at 72° but can be micro adjusted by means of the unique **Ashtree** adjustment system. By using the supplied Allen key and adjusting two socket screws the mirror arms can be set to any position allowing mirrors to be placed in their optimum viewing position. As with the **S1300** range of arms this range also has a lockable screw to help prevent theft, and they can also be supplied wired for heated or electrically adjusted mirrors. Other types of arms can be produced in this range.





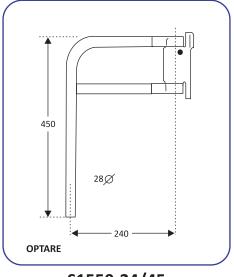




Y2672

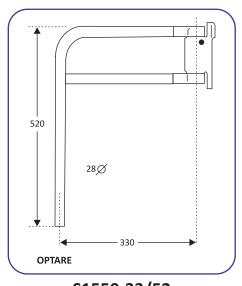
S1550-16/45

**S1550-16/55** 



28Ø

OPTARE



S1550-24/45

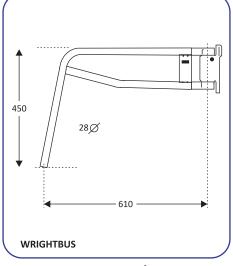
**S1550-28/52** 

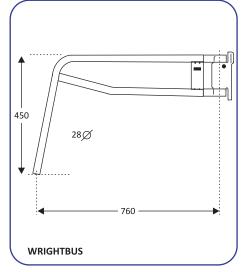
**S1550-33/52** 

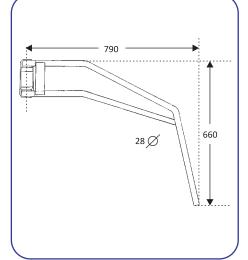








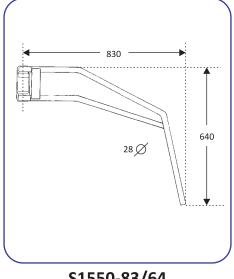


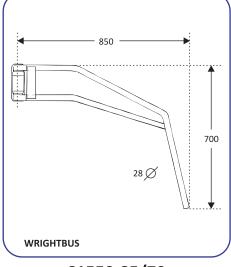


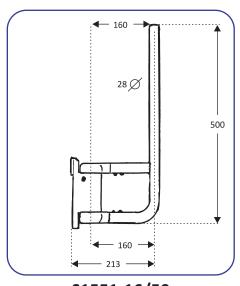
**S1550-61/45** 

**S1550-76/45** 

**S1550-79/66** 







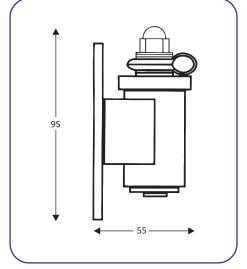
S1550-83/64

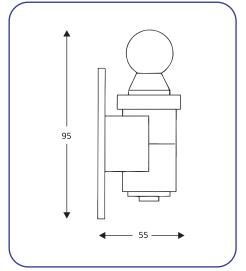
S1550-85/70

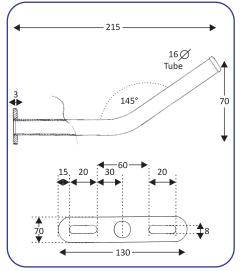
**S1551-16/50** 







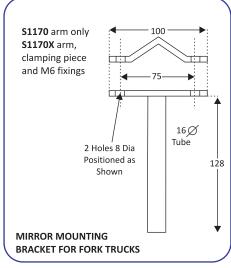


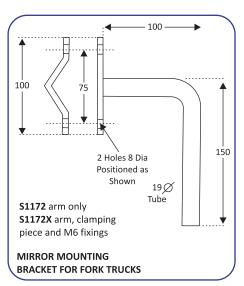


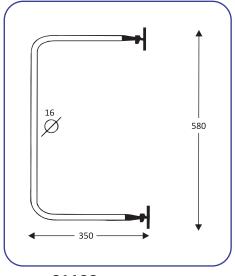
S1084-3

S1085-3

**S1090** 



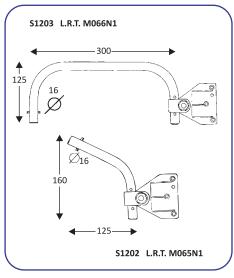


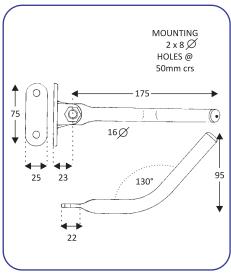


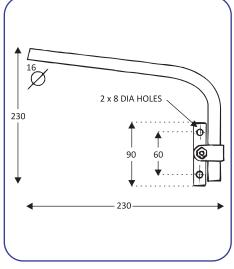
S1170 - S1170X

S1172 - S1172X

S1199 (Non Indexing)







S1202 - S1203

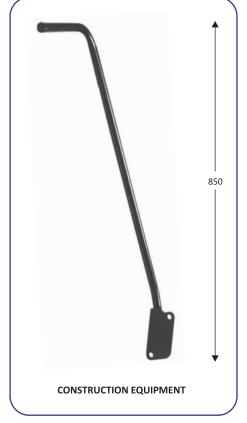
**S1216** 

**S1217** 









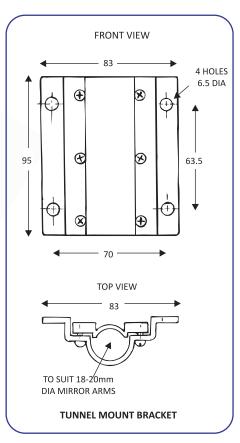




S1401

**S1402** 







S1406 Y2671 Y2680







PLH52 VTG6A lightweight MOT plate holder

Body:

rustproof glass filled nylon

**Dimensions:** 

187mm x 180mm

Complete with clear plastic envelope



PLH60 Vehicle height indicator

**Body:** 

rustproof glass filled nylon

**Dimensions:** 

187mm x 180mm

Changeable numerals from 8ft to 19ft 11".



PLH74S Single pliable licence holder

Back & stem:

zinc plated steel

**PLH74D** Double pliable licence holder

Back & stem:

zinc plated steel

**PLHT7** Triple pliable licence holder

Back & stem:

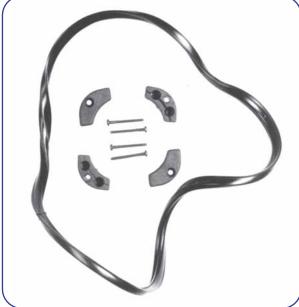
zinc plated steel

46

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Spares	s kits for mirrors with <b>quick-change</b> mirror glass system.	)
Y2645	Spares kit for M238 series	
Y2646	Spares kit for M610 series	
Y2648	Spares kit for M902 & M903 series	
Y2649	Spares kit for M807 series	
Y2650	Spares kit for M602CE mirrors	
Y2651	Spares kit for M701CE mirrors	
Y2652	Spares kit for M310 & M410 series	
Y2653	Spares kit for M702CE mirrors	
Y2654	Spares kit for M703 & M802 series	
Y2655	Spares kit for M520 series	
Y2656	Spares kit for M621, M900 & M901series	
Y2657	Spares kit for M910 & M911 mirrors	
Y2658	Spares kit for M714 series	



Y2177 2 way plug with 2 metre cable (straight connection)
Y2675 6 way plug with 2 metre cable
Y2676 2 way plug with 2 metre cable ("L" connection)

Spares kit for M613CE mirrors



**Y2677-24** 24 volt 4 way mirror adjustment switch (both sides)

**Y2677-12** 12 volt 4 way mirror adjustment switch (both sides)

Complete with 2 metres of cable

**Dimensions:** 

47mm x 38mm to fit hole 44mm x 33mm

Tel: +44 (0) 1274 546732 Email: sales@avsuk.co www.avsuk.co

Y2659

# Ultra**V**iew<sup>™</sup>



### The new universal Class VI mirror from Ashtree Glass

UltraView™ is the new universal class VI front view mirror from Ashtree Glass. The EU recognised that trucks have a huge blind spot under the windscreen and so new trucks from 2007 on, have a front view mirror by law. Older models don't but they still have the same blind spot. The image to the right shows the view from the drivers seat of a truck. From this can you tell that there are 19 children in front of the truck?



This is what the driver can't see

On the image above you can see the 19 children in front of the truck. The driver would be completely oblivious to their presence.



The white lines show the area of visibility required from the front view mirror on a new truck



Can you tell there is a large group of children in front of this truck?



With the UltraView  $^{\mbox{\tiny TM}}$  he can now see the children in front of the truck

Now we have mounted the UltraView™ mirror the children can be seen. Using clever plastics technology it gives the driver a far larger field of vision than a standard glass lens would. Glass has technical limitations and can only be made to a certain radius or size; plastic can be moulded to any radius and any size. The UltraView™, with its high quality plastic lens, gives a huge field of vision but is a fraction of the price of a main dealer part.

The image on the left shows the field of visibility required of a class VI, front view mirror, on a new truck. As you can see, because of the extra visibility created by using a wider angle lens, the UltraView™ mirror meets and easily surpasses this requirement. Correct positioning of the mirror will mean that the front of the truck can be seen and also a lot more of the nearside kerb. The UltraView™ is "E" approved for use in a class VI application. Testing and approval was carried out by the VCA (Vehicle Certification Agency)



Email: sales@avsuk.co



Thank you to Lady Lane Park School and Buntons Plant Hire for their assistance with these images.





#### Ashtree builds an extension

When Ashtree works was purchased in 1984 we barely filled a corner of the building. Over the years we have redeveloped the site to such an extent that only the four outer, and a few interior, walls remain of the original Victorian structure. In 2011 we made a decision to extend onto a piece of land we owned on the side of the building and in the spring of 2012 work commenced. The following images show the building work as it progressed.



Site clearance work commences. Here an old electricity sub station is demolished.



The cleared site is prepared for steel works to be erected.



With concrete pads in place the steel frame can be assembled.



The steel frame quickly takes shape.



Concrete for the upper floor is pumped in from a truck.



With the concreting finished work commences on the outer walls.



Cladding and roofing work continues.



Our 2 storey, 600 square metre, extension is complete. It provides us with extra manufacturing, warehousing and office space.

## Manufacturing quality mirrors since 1977





Manufacturing a comprehensive range of mirrors and accessories for commercial vehicles.

#### Visit our new website for:

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Catalogue 01/13