

# CLYDESDALE

Powering the Future

## Insulated Tools





If you need further assistance, please do not hesitate to call us on 01234 855855 and we will be pleased to help you.

## Insulated Tools

Clydesdale supply a range of Insulated Hand Tools designed, tested and approved or certified to Industry, National and European Standards. Tools are insulated either by injection moulding with a technical polymer or by a PVC dipping process according to their application.

The PVC dipped range of Insulated Tools offers six key safety characteristics:

1. A white shell is moulded onto the metal parts of the tool. This insulating shell is both unbreakable and irremovable and ensures permanent, total insulation of the tool.
2. The orange coloured PVC which covers the insulating shell is totally irremovable, non-flammable and ensures a good grip of the tool when held.
3. Coating the handles with ridge marks ensures a perfect grip of the tool when held with greasy hands or gloves.
4. The two finger stops (or Buffers) are made from treated Rilsan, which has insulation properties in excess of 15,000 Volts.
5. The ends of the handle are reinforced with several layers of PVC onto the shell to protect it against impacts.

Every Insulated Tool from Clydesdale undergoes seven separate tests during the manufacturing process. We are so confident with the exceptional construction quality of our products that each one is sold with a full guarantee. Our range of Insulated Hand Tools complies with the current versions of the following standards:

■ EN 60900

■ VDE 0680

■ ESI 26-3

■ NFC 18-400

The EN 60900 Standard will be of the most importance to European users. Nearly identical to the ESI 26-3, it gives the tool a rating of 1000V, denoted by the double triangle symbol.

To achieve this standard, a tool must pass the following rigorous criteria:

- Ambient Temperature Impact Test - Tool must be dropped from a height of 2m and show no sign of break, tear or crack
- Low Temperature Impact Test - Tool is cooled to -25°C and must be dropped from 0.6m and show no sign of break, tear or crack
- Dielectric Test - 10kV is applied between conductive and insulating components for 3min. Leakage current must be less than 1mA per 200mm
- Penetration Test - A weight of 20N is applied to the most vulnerable part of the tool while it is tested to 5kV for 3min. There must be no perforation or flashover
- Insulation Adherence Test - At 70°C, a weight of 500N is applied for 3min to test the adherence of the insulation to conductive component. There must be no tearing or detachment greater than 3mm
- Flame Propagation Test - The tool is exposed to flame for 10 seconds. The resulting flame should not exceed 120mm in the 20 second observation time
- Individual Dielectric Testing - Each and every tool must be individually tested to 10kV for 10 seconds without flashover and visually checked





# CLYDESDALE

## Powering the Future

### Our commitment to you

Clydesdale is the UK's leading specialist in cable installation equipment for the Electricity and Telecommunications industries. Established in 1982, we pride ourselves on having a complete understanding of the tools required and the personal protective equipment (P.P.E.) needed to work safely and correctly within the Electricity and Telecommunication industries.

Our expertise in these markets throughout Europe means that we are able to offer complete bespoke solutions to each situation or requirement as well as full after sales support and advice.

All Clydesdale products are fully accredited (where applicable) to meet the latest standards and we are constantly developing our range to offer you the most comprehensive selection of tools and clothing available.

If you have any questions or require further information please contact our Customer Services Department on +44 (0)1234 855855. We will be pleased to talk to you about your exact requirements.

### ISO 9001:2008 Accredited

This represents our commitment to quality, not only through our product range, but also in relation to the services we offer and the internal workings of the company.



### Contents

Ratchet, Torque and T-Bar Socket Wrenches	4
Socket Reducers, Enlargers and Extensions	5
Socket Heads	5-8
Spanners, Nut Spinners and Wrenches	9-17
Allen Keys	17-18
Screwdrivers	19-21
Non Conductive Tape Measure	21
Knives, Hacksaws and Scissors	22-23
Cable Cutters, Cutting Pliers and Stripping Pliers	23-27
Pliers	28-30
Axe	30
Inspection Mirror	30
Laboratory/Electronics Tools	31
Sockets Sets and Toolkits	32-33
Insulating Gloves	34-35



- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future



CLY 350 MS55



CLY 350 MS85P



CLY 350 MS1000N0



CLY 350 MS72



CLY 350 MS58

### Insulated Reversible Ratchet Wrench

Available in 1/4", 3/8" and 1/2" square drive formats. These tools are made from forged alloy steel with a high carbon content. With drive direction controlled by a central control, these Ratchet Drivers feature 17 separate tooth engagements when the force is being applied.

Part No.	Drive Size	Quick Release	Torque	Length	Weight
CLY 350 MS55	1/4" Sq.	No	7Nm	105mm	140g
CLY 350 MS85	3/8" Sq.	No	20Nm	190mm	250g
CLY 350 MS85P	3/8" Sq.	Yes	20Nm	215mm	300g
CLY 350 MS65	1/2" Sq.	No	35Nm	255mm	568g
CLY 350 MS65P	1/2" Sq.	Yes	35Nm	268mm	600g

### Insulated Torque Wrench

Featuring a metric and imperial (Nm & lbf) linear graduation allowing simple and accurate reading of the torque during adjustment with an auto reset function. These tools are extremely light and robust as the main body is made from aluminium alloy. Designed to be used in conjunction with our range of drive enlargers and reducer allowing these tools to be used with an extremely large range of head types. Versions with preset torque values are also available.

Part No.	Drive	Reversible	Torque Range		Length	Weight
CLY 350 MS100N0	3/8"	Yes	4-20Nm	3-15lbf	235mm	490g
CLY 350 MS100N1B	3/8"	No	8-54Nm	5-40lbf	330mm	850g
CLY 350 MS100RN1	3/8"	Yes	8-54Nm	5-40lbf	330mm	850g
CLY 350 MS100N1A	1/2"	No	8-54Nm	5-40lbf	315mm	850g
CLY 350 MS100N2	1/2"	No	30-150Nm	20-110lbf	450mm	930g

### Insulated Socket Driver

Forged from high strength chromium alloy steel to allow greater reach than a ratchet.

Part No.	Drive	Length	Weight
CLY 350 MS58	1/4"	270mm	150g
CLY 350 MS72J-130	3/8"	130mm	380g
CLY 350 MS72J-206	3/8"	206mm	420g
CLY 350 MS72SSP	1/2"	105mm	285g
CLY 350 MS72S	1/2"	310mm	800g

## Insulated Drive Enlargers, Reducers and Extension Bars

Enlargers and reducers allow different drive size socket heads to be used on a single Ratchet. Extension bars provide extended reach. These tools are forged from high strength chromium alloy steel.

Part No.	Type	From	To	Length	Weight
CLY 350 MS95	Enlarger	1/4"	3/8"	54mm	30g
CLY 350 MS91	Enlarger	3/8"	1/2"	75mm	40g
CLY 350 MS70	Reducer	1/2"	1/4"	75mm	80g
CLY 350 MS90	Reducer	1/2"	3/8"	79mm	60g
CLY 350 MS96	Reducer	3/8"	1/4"	64mm	20g
CLY 350 MS54	Extension	1/4"	1/4"	116mm	50g
CLY 350 MS54L	Extension	1/4"	1/4"	166mm	70g
CLY 350 MS84	Extension	3/8"	3/8"	140mm	124g
CLY 350 MS84L	Extension	3/8"	3/8"	264mm	270g
CLY 350 MS71	Extension	1/2"	1/2"	144mm	245g
CLY 350 MS71L	Extension	1/2"	1/2"	264mm	435g



CLY 350 MS70



CLY 350 MS71

## Insulated 1/4" Square Drive Socket Heads

These 6-sided tools are forged from high strength chromium alloy steel.

Part No.	Drive	Thread	Size	Length	Weight
CLY 350 MS56-04	1/4"	■	4mm	38mm	10g
CLY 350 MS56-05	1/4"	■	5mm	38mm	12g
CLY 350 MS56-05.5	1/4"	■	5.5mm	38mm	14g
CLY 350 MS56-06	1/4"	■	6mm	38mm	16g
CLY 350 MS56-07	1/4"	■	7mm	38mm	18g
CLY 350 MS56-08	1/4"	■	8mm	38mm	20g
CLY 350 MS56-09	1/4"	■	9mm	38mm	22g
CLY 350 MS56-10	1/4"	■	10mm	38mm	24g
CLY 350 MS56-11	1/4"	■	11mm	38mm	26g
CLY 350 MS56-12	1/4"	■	12mm	38mm	28g
CLY 350 MS56-13	1/4"	■	13mm	38mm	30g
CLY 350 MS56-14	1/4"	■	14mm	38mm	32g
CLY 350 MS56-I03	1/4"	■	3/16"	38mm	12g
CLY 350 MS56-I04	1/4"	■	1/4"	38mm	16g
CLY 350 MS56-I05	1/4"	■	5/16"	38mm	20g
CLY 350 MS56-I06	1/4"	■	3/8"	38mm	24g
CLY 350 MS56-I07	1/4"	■	7/16"	38mm	28g
CLY 350 MS56-I08	1/4"	■	1/2"	38mm	30g
CLY 350 MS56-I09	1/4"	■	9/16"	38mm	32g



CLY 350 MS56

- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future



CLY 350 MS86



CLY 350 MS86

### Insulated 3/8" Square Drive Socket Heads

Available in standard or extended length, these 12-sided tools are forged from high strength chromium alloy steel.

Thread	Size	Drive	Part No.	Length	Weight	Part No.	Length	Weight
■	8mm	3/8"	CLY 350 MS86-08	40.5mm	35g	CLY 350 MS86L-08	67.5mm	50g
■	9mm	3/8"	CLY 350 MS86-09	40.5mm	35g	CLY 350 MS86L-09	67.5mm	55g
■	10mm	3/8"	CLY 350 MS86-10	40.5mm	40g	CLY 350 MS86L-10	67.5mm	60g
■	11mm	3/8"	CLY 350 MS86-11	40.5mm	40g	CLY 350 MS86L-11	67.5mm	70g
■	12mm	3/8"	CLY 350 MS86-12	40.5mm	40g	CLY 350 MS86L-12	67.5mm	70g
■	13mm	3/8"	CLY 350 MS86-13	43.5mm	45g	CLY 350 MS86L-13	67.5mm	80g
■	14mm	3/8"	CLY 350 MS86-14	43.5mm	45g	CLY 350 MS86L-14	73.5mm	90g
■	15mm	3/8"	CLY 350 MS86-15	43.5mm	45g	CLY 350 MS86L-15	73.5mm	100g
■	16mm	3/8"	CLY 350 MS86-16	43.5mm	50g	CLY 350 MS86L-16	73.5mm	120g
■	17mm	3/8"	CLY 350 MS86-17	43.5mm	50g	CLY 350 MS86L-17	80.5mm	150g
■	18mm	3/8"	CLY 350 MS86-18	46.5mm	70g	CLY 350 MS86L-18	80.5mm	160g
■	19mm	3/8"	CLY 350 MS86-19	46.5mm	70g	CLY 350 MS86L-19	80.5mm	170g
■	20mm	3/8"	CLY 350 MS86-20	46.5mm	80g			
■	21mm	3/8"	CLY 350 MS86-21	46.5mm	110g	CLY 350 MS86L-21	80.5mm	210g
■	22mm	3/8"	CLY 350 MS86-22	46.5mm	120g	CLY 350 MS86L-22	80.5mm	225g
■	23mm	3/8"	CLY 350 MS86-23	46.5mm	130g			
■	5/16"	3/8"	CLY 350 MS86-I05	40.5mm	35g	CLY 350 MS86L-I05	67.5mm	50g
■	3/8"	3/8"	CLY 350 MS86-I06	40.5mm	40g	CLY 350 MS86L-I06	67.5mm	60g
■	7/16"	3/8"	CLY 350 MS86-I07	40.5mm	40g	CLY 350 MS86L-I07	67.5mm	70g
■	1/2"	3/8"	CLY 350 MS86-I08	43.5mm	45g	CLY 350 MS86L-I08	67.5mm	75g
■	9/16"	3/8"	CLY 350 MS86-I09	43.5mm	45g	CLY 350 MS86L-I09	73.5mm	90g
■	5/8"	3/8"	CLY 350 MS86-I10	43.5mm	50g	CLY 350 MS86L-I10	73.5mm	120g
■	11/16"	3/8"	CLY 350 MS86-I11	43.5mm	50g	CLY 350 MS86L-I11	80.5mm	150g
■	3/4"	3/8"	CLY 350 MS86-I12	46.5mm	70g	CLY 350 MS86L-I12	80.5mm	170g
■	13/16"	3/8"	CLY 350 MS86-I13	46.5mm	110g	CLY 350 MS86L-I13	80.5mm	210g
■	7/8"	3/8"	CLY 350 MS86-I14	46.5mm	120g	CLY 350 MS86L-I14	80.5mm	225g

## Insulated 1/2" Square Drive Socket Heads

Available in standard or extended length, these 12-sided tools are forged from high strength chromium alloy steel.

Thread	Size	Drive	Part No.	Length	Weight	Part No.	Length	Weight
■	8mm	1/2"	CLY 350 MS66-08	52mm	60g			
■	9mm	1/2"	CLY 350 MS66-09	52mm	60g			
■	10mm	1/2"	CLY 350 MS66-10	52mm	60g			
■	11mm	1/2"	CLY 350 MS66-11	52mm	60g			
■	12mm	1/2"	CLY 350 MS66-12	52mm	80g	CLY 350 MS66L-12	96mm	120g
■	13mm	1/2"	CLY 350 MS66-13	52mm	80g	CLY 350 MS66L-13	96mm	120g
■	14mm	1/2"	CLY 350 MS66-14	52mm	80g	CLY 350 MS66L-14	96mm	140g
■	15mm	1/2"	CLY 350 MS66-15	52mm	80g	CLY 350 MS66L-15	96mm	140g
■	16mm	1/2"	CLY 350 MS66-16	52mm	80g	CLY 350 MS66L-16	96mm	140g
■	17mm	1/2"	CLY 350 MS66-17	52mm	80g	CLY 350 MS66L-17	96mm	160g
■	18mm	1/2"	CLY 350 MS66-18	52mm	80g	CLY 350 MS66L-18	96mm	160g
■	19mm	1/2"	CLY 350 MS66-19	52mm	100g	CLY 350 MS66L-19	96mm	160g
■	20mm	1/2"	CLY 350 MS66-20	52mm	100g			
■	21mm	1/2"	CLY 350 MS66-21	52mm	100g	CLY 350 MS66L-21	96mm	240g
■	22mm	1/2"	CLY 350 MS66-22	54mm	120g	CLY 350 MS66L-22	96mm	280g
■	23mm	1/2"	CLY 350 MS66-23	54mm	120g	CLY 350 MS66L-23	96mm	320g
■	24mm	1/2"	CLY 350 MS66-24	54mm	140g	CLY 350 MS66L-24	96mm	340g
■	25mm	1/2"	CLY 350 MS66-25	54mm	140g			
■	26mm	1/2"	CLY 350 MS66-26	54mm	160g	CLY 350 MS66L-26	96mm	420g
■	27mm	1/2"	CLY 350 MS66-27	56mm	160g	CLY 350 MS66L-27	96mm	420g
■	28mm	1/2"	CLY 350 MS66-28	56mm	160g	CLY 350 MS66L-28	96mm	420g
■	29mm	1/2"	CLY 350 MS66-29	56mm	160g	CLY 350 MS66L-29	96mm	420g
■	30mm	1/2"	CLY 350 MS66-30	58mm	180g	CLY 350 MS66L-30	96mm	460g
■	32mm	1/2"	CLY 350 MS66-32	60mm	200g	CLY 350 MS66L-32	96mm	500g
■	3/16"	1/2"	CLY 350 MS66-I03	40mm	50g			
■	1/4"	1/2"	CLY 350 MS66-I04	40mm	50g			
■	5/16"	1/2"	CLY 350 MS66-I05	40mm	60g			
■	3/8"	1/2"	CLY 350 MS66-I06	40mm	60g			
■	7/16"	1/2"	CLY 350 MS66-I07	40mm	60g			
■	1/2"	1/2"	CLY 350 MS66-I08	40mm	80g	CLY 350 MS66L-I08	90mm	120g
■	9/16"	1/2"	CLY 350 MS66-I09	40mm	80g	CLY 350 MS66L-I09	90mm	135g
■	5/8"	1/2"	CLY 350 MS66-I10	40mm	80g	CLY 350 MS66L-I10	90mm	145g
■	11/16"	1/2"	CLY 350 MS66-I11	40mm	80g	CLY 350 MS66L-I11	90mm	160g
■	3/4"	1/2"	CLY 350 MS66-I12	40mm	100g	CLY 350 MS66L-I12	90mm	170g
■	13/16"	1/2"	CLY 350 MS66-I13	40mm	100g	CLY 350 MS66L-I13	90mm	220g
■	7/8"	1/2"	CLY 350 MS66-I14	40mm	100g	CLY 350 MS66L-I14	100mm	270g
■	15/16"	1/2"	CLY 350 MS66-I15	40mm	140g	CLY 350 MS66L-I15	100mm	350g
■	1"	1/2"	CLY 350 MS66-I16	40mm	160g	CLY 350 MS66L-I16	100mm	420g
■	1 1/16"	1/2"	CLY 350 MS66-I17	40mm	160g	CLY 350 MS66L-I17	100mm	420g
■	1 1/8"	1/2"	CLY 350 MS66-I18	40mm	160g	CLY 350 MS66L-I18	100mm	425g
■	1 1/4"	1/2"	CLY 350 MS66-I20	40mm	200g	CLY 350 MS66L-W20	100mm	515g



CLY 350 MS66



CLY 350 MS66



CLY 350 MS66L



CLY 350 MS66L

- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future



CLY 350 MS57



CLY 350 MS87



CLY 350 MS67



CLY 350 MS67

### Insulated Male Hex Key (Allen) Heads

These tools are forged from high strength chromium alloy steel.

Part No.	Drive	Thread	Size	Length	Weight
CLY 350 MS57-03	1/4"	■	3mm	58.5mm	16g
CLY 350 MS57-04	1/4"	■	4mm	58.5mm	18g
CLY 350 MS57-05	1/4"	■	5mm	58.5mm	20g
CLY 350 MS57-06	1/4"	■	6mm	58.5mm	22g
CLY 350 MS57-07	1/4"	■	7mm	58.5mm	24g
CLY 350 MS57-I02	1/4"	■	1/8"	58.5mm	16g
CLY 350 MS57-I03	1/4"	■	3/16"	58.5mm	20g
CLY 350 MS57-I04	1/4"	■	1/4"	58.5mm	24g
CLY 350 MS57-I05	1/4"	■	5/16"	58.5mm	26g
CLY 350 MS87-03	3/8"	■	3mm	64mm	40g
CLY 350 MS87-04	3/8"	■	4mm	64mm	40g
CLY 350 MS87-05	3/8"	■	5mm	64mm	50g
CLY 350 MS87-06	3/8"	■	6mm	64mm	50g
CLY 350 MS87-07	3/8"	■	7mm	69mm	50g
CLY 350 MS87-08	3/8"	■	8mm	69mm	60g
CLY 350 MS87-10	3/8"	■	10mm	69mm	60g
CLY 350 MS87-I02	3/8"	■	1/8"	55mm	40g
CLY 350 MS87-I03	3/8"	■	3/16"	55mm	50g
CLY 350 MS87-I04	3/8"	■	1/4"	55mm	50g
CLY 350 MS87-I05	3/8"	■	5/16"	60mm	60g
CLY 350 MS87-I06	3/8"	■	3/8"	60mm	60g
CLY 350 MS67-06	1/2"	■	6mm	92mm	100g
CLY 350 MS67-08	1/2"	■	8mm	92mm	100g
CLY 350 MS67-10	1/2"	■	10mm	92mm	100g
CLY 350 MS67-11	1/2"	■	11mm	92mm	120g
CLY 350 MS67-12	1/2"	■	12mm	102mm	160g
CLY 350 MS67-14	1/2"	■	14mm	102mm	160g
CLY 350 MS67-17	1/2"	■	17mm	102mm	180g
CLY 350 MS67-19	1/2"	■	19mm	102mm	220g
CLY 350 MS67-I04	1/2"	■	1/4"	92mm	100g
CLY 350 MS67-I05	1/2"	■	5/16"	92mm	100g
CLY 350 MS67-I06	1/2"	■	3/8"	92mm	100g
CLY 350 MS67-I07	1/2"	■	7/16"	92mm	120g
CLY 350 MS67-I08	1/2"	■	1/2"	102mm	160g
CLY 350 MS67-I09	1/2"	■	9/16"	102mm	160g
CLY 350 MS67-I10	1/2"	■	5/8"	102mm	180g
CLY 350 MS67-I12	1/2"	■	3/4"	102mm	220g



### Insulated Single Open Ended (SOE) Spanner

Forged from heat treated chrome vanadium steel, these spanners feature some of the thinnest head dimensions available.

Part No.	Thread	Size	Length	Weight
CLY 350 MS16-05	■	5mm	95mm	20g
CLY 350 MS16-05.5	■	5.5mm	100mm	20g
CLY 350 MS16-06	■	6mm	105mm	25g
CLY 350 MS16-07	■	7mm	107mm	30g
CLY 350 MS16-08	■	8mm	110mm	30g
CLY 350 MS16-09	■	9mm	115mm	35g
CLY 350 MS16-10	■	10mm	120mm	40g
CLY 350 MS16-11	■	11mm	125mm	45g
CLY 350 MS16-12	■	12mm	130mm	50g
CLY 350 MS16-13	■	13mm	135mm	60g
CLY 350 MS16-14	■	14mm	140mm	75g
CLY 350 MS16-15	■	15mm	145mm	80g
CLY 350 MS16-16	■	16mm	150mm	100g
CLY 350 MS16-17	■	17mm	155mm	110g
CLY 350 MS16-18	■	18mm	160mm	125g
CLY 350 MS16-19	■	19mm	167mm	130g
CLY 350 MS16-20	■	20mm	172mm	160g
CLY 350 MS16-21	■	21mm	177mm	170g
CLY 350 MS16-22	■	22mm	182mm	190g
CLY 350 MS16-23	■	23mm	190mm	200g
CLY 350 MS16-24	■	24mm	200mm	220g
CLY 350 MS16-25	■	25mm	210mm	260g
CLY 350 MS16-26	■	26mm	220mm	270g
CLY 350 MS16-27	■	27mm	225mm	290g
CLY 350 MS16-28	■	28mm	230mm	300g
CLY 350 MS16-29	■	29mm	235mm	360g
CLY 350 MS16-30	■	30mm	240mm	365g
CLY 350 MS16-31	■	31mm	245mm	370g
CLY 350 MS16-32	■	32mm	250mm	380g
CLY 350 MS16-33	■	33mm	255mm	410g
CLY 350 MS16-34	■	34mm	260mm	420g
CLY 350 MS16-35	■	35mm	265mm	450g
CLY 350 MS16-36	■	36mm	270mm	580g
CLY 350 MS16-37	■	37mm	275mm	650g
CLY 350 MS16-38	■	38mm	280mm	650g

Insulated Single Open Ended (SOE) Spanners Continue Overleaf.

CLY 350 MS16



- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future

CLY 350 MS16



### Insulated Single Open Ended (SOE) Spanner

Part No.	Thread	Size	Length	Weight
CLY 350 MS16-I04	■	1/4"	85mm	30g
CLY 350 MS16-I05	■	5/16"	90mm	30g
CLY 350 MS16-I06	■	3/8"	100mm	40g
CLY 350 MS16-I07	■	7/16"	100mm	45g
CLY 350 MS16-I08	■	1/2"	130mm	55g
CLY 350 MS16-I09	■	9/16"	135mm	75g
CLY 350 MS16-I10	■	5/8"	155mm	100g
CLY 350 MS16-I11	■	11/16"	160mm	120g
CLY 350 MS16-I12	■	3/4"	167mm	130g
CLY 350 MS16-I13	■	13/16"	172mm	180g
CLY 350 MS16-I14	■	7/8"	200mm	190g
CLY 350 MS16-I15	■	15/16"	210mm	220g
CLY 350 MS16-W04	■	1/4"	85mm	30g
CLY 350 MS16-W05	■	5/16"	90mm	30g
CLY 350 MS16-W06	■	3/8"	100mm	40g
CLY 350 MS16-W07	■	7/16"	100mm	45g
CLY 350 MS16-W08	■	1/2"	130mm	55g
CLY 350 MS16-W09	■	9/16"	135mm	75g
CLY 350 MS16-W10	■	5/8"	155mm	100g
CLY 350 MS16-W11	■	11/16"	160mm	120g
CLY 350 MS16-W12	■	3/4"	167mm	130g
CLY 350 MS16-W14	■	7/8"	200mm	190g
CLY 350 MS16-BA0	■	BA 0	80mm	22g
CLY 350 MS16-BA1	■	BA 1	80mm	22g
CLY 350 MS16-BA2	■	BA 2	80mm	22g
CLY 350 MS16-BA3	■	BA 3	80mm	22g
CLY 350 MS16-BA4	■	BA 4	80mm	22g

CLY 350 MS35



### Insulated Single Open Ended Spanner Set

Supplied in a plastic tool roll.

Part No.	Contents	Weight
CLY 350 MS35	Single Open Ended Spanner (5, 6, 7, 8, 9, 10, 11, 12mm). Supplied in tool roll.	345g
CLY 354 112	Single Open Ended Spanner (7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm). Supplied in tool roll.	1000g

## Insulated Adjustable Spanner (Shifter)

Forged from alloy steel and treated by a means of high frequency tempering, this spanner is of the highest quality available. Please note that the head is not insulated, if insulation of the head is required see below for extensive range.

CLY 352 C26-260 features a hammer head for light duty work.

Part No.	Size	Max Jaw Open	Length	Weight
CLY 350 MS7-115	4"	13mm	115mm	80g
CLY 350 MS7-160	6"	20mm	160mm	170g
CLY 350 MS7-210	8"	27mm	210mm	330g
CLY 350 MS7-260	10"	30mm	260mm	550g
CLY 350 MS7-310	12"	34mm	310mm	830g
CLY 350 MS7-385	15"	44mm	385mm	1290g
CLY 352 C26-260	12"	46mm	260mm	820g



CLY 350 MS7-260



CLY 352 C26-260

## Totally Insulated Adjustable Spanners (Shifter)

Forged from alloy steel and treated by a means of high frequency tempering, these spanners are of the highest quality available. The jaw opening is controlled by the dial on the side of the head, this dial is fabricated from PVC which is completely non conductive. Head insulation is either fixed or moves with the jaw.

Part No.	Head Ins.	Size	Max Jaw Open	Length	Weight
CLY 350 MS7S-210	Moving	8"	27mm	210mm	360g
CLY 350 MS7S-260	Moving	10"	30mm	260mm	600g
CLY 350 MS7S-310	Moving	12"	34mm	310mm	1050g
CLY 350 MS7SC-210	Fixed	8"	27mm	210mm	370g
CLY 350 MS7SC-260	Fixed	10"	30mm	260mm	615g
CLY 350 MS7SC-310	Fixed	12"	34mm	310mm	1120g



CLY 350 MS7S-260



CLY 350 MS7SC-260

## Insulated Ratchet Podger Spanners

Premium quality insulated ratchet podger spanners in a convenient range to suit the common metric size fasteners.

Part No.	Size	To Fit	Length	Weight
CLY 365 1013	10 x 13	M6 x M8	190mm	200g
CLY 365 1317	13 x 17	M8 x M10	230mm	285g
CLY 365 1719	17 x 19	M10 x M12	270mm	320g
CLY 365 1921	19 x 21	M12 x M14	300mm	350g
CLY 365 2124	21 x 24	M14 x M16	320mm	400g
CLY 365 2430	24 x 30	M16 x M20	330mm	450g



CLY 365 1921

- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future



CLY 350 MS21

### Insulated Single Ended Cranked Ring Spanner

Forged from heat treated chrome vanadium steel, these spanners feature a cranked head for easier access and increased torque.

Part No.	Thread	Size	Length	Weight
CLY 350 MS21-06	■	6mm	135mm	50g
CLY 350 MS21-07	■	7mm	138mm	60g
CLY 350 MS21-08	■	8mm	146mm	75g
CLY 350 MS21-09	■	9mm	150mm	80g
CLY 350 MS21-10	■	10mm	161mm	90g
CLY 350 MS21-11	■	11mm	163mm	95g
CLY 350 MS21-12	■	12mm	179mm	100g
CLY 350 MS21-13	■	13mm	185mm	120g
CLY 350 MS21-14	■	14mm	198mm	165g
CLY 350 MS21-15	■	15mm	203mm	170g
CLY 350 MS21-16	■	16mm	208mm	190g
CLY 350 MS21-17	■	17mm	218mm	200g
CLY 350 MS21-18	■	18mm	228mm	230g
CLY 350 MS21-19	■	19mm	243mm	250g
CLY 350 MS21-20	■	20mm	248mm	300g
CLY 350 MS21-21	■	21mm	257mm	330g
CLY 350 MS21-22	■	22mm	262mm	340g
CLY 350 MS21-23	■	23mm	270mm	360g
CLY 350 MS21-24	■	24mm	280mm	420g
CLY 350 MS21-25	■	25mm	282mm	450g
CLY 350 MS21-26	■	26mm	285mm	470g
CLY 350 MS21-27	■	27mm	290mm	490g
CLY 350 MS21-28	■	28mm	295mm	510g
CLY 350 MS21-29	■	29mm	300mm	550g
CLY 350 MS21-30	■	30mm	302mm	580g
CLY 350 MS21-32	■	31mm	310mm	590g
CLY 350 MS21-36	■	36mm	360mm	950g
CLY 350 MS21-41	■	41mm	385mm	1000g
CLY 350 MS21-46	■	46mm	445mm	1100g
CLY 350 MS21-50	■	50mm	460mm	1200g
CLY 350 MS21-I04	■	1/4"	152mm	50g
CLY 350 MS21-I05	■	5/16"	158mm	75g
CLY 350 MS21-I06	■	3/8"	163mm	85g
CLY 350 MS21-I07	■	7/16"	172mm	95g
CLY 350 MS21-I08	■	1/2"	188mm	125g
CLY 350 MS21-I09	■	9/16"	198mm	165g
CLY 350 MS21-I10	■	5/8"	208mm	190g



## Insulated Single Ended Cranked Ring Spanner

Part No.	Thread	Size	Length	Weight
CLY 350 MS21-I11	■	11/16"	218mm	215g
CLY 350 MS21-I12	■	3/4"	228mm	250g
CLY 350 MS21-I13	■	13/16"	248mm	315g
CLY 350 MS21-I14	■	7/8"	262mm	340g
CLY 350 MS21-I15	■	15/16"	270mm	390g
CLY 350 MS21-I16	■	1"	282mm	450g
CLY 350 MS21-I17	■	1 1/16"	285mm	490g
CLY 350 MS21-I18	■	1 1/8"	290mm	430g
CLY 350 MS21-I19	■	1 3/16"	300mm	580g
CLY 350 MS21-I20	■	1 1/4"	302mm	585g
CLY 350 MS21-I21	■	1 15/16"	306mm	600g
CLY 350 MS21-I24	■	1 1/2"	360mm	700g
CLY 350 MS21-W05	■	5/16"	158mm	75g
CLY 350 MS21-W06	■	3/8"	163mm	85g
CLY 350 MS21-W07	■	7/16"	172mm	95g
CLY 350 MS21-W08	■	1/2"	188mm	125g
CLY 350 MS21-W09	■	9/16"	198mm	165g
CLY 350 MS21-W10	■	5/8"	208mm	190g
CLY 350 MS21-W11	■	11/16"	218mm	215g
CLY 350 MS21-W12	■	3/4"	228mm	250g
CLY 350 MS21-W14	■	7/8"	262mm	340g



## Insulated Ratchet Ring Spanner

Featuring reduced head thickness, these tools are reversible and easy to use allowing quick tightening or loosening in confined places.

Part No.	Thread	Size	Max Torque	Weight
CLY 350 MS41-10	■	10mm	25Nm	150g
CLY 350 MS41-13	■	13mm	52Nm	190g
CLY 350 MS41-17	■	17mm	107Nm	380g
CLY 350 MS41-19	■	19mm	149Nm	410g



- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future



CLY 350 MS38



CLY 350 IS36

### Insulated Single Ended Ring Spanner

Forged from heat treated chrome vanadium steel, these spanners feature a head inclined at 15°.

Part No.	Thread	Size	Weight
CLY 350 MS38-05	■	5mm	15g
CLY 350 MS38-06	■	6mm	20g
CLY 350 MS38-07	■	7mm	20g
CLY 350 MS38-08	■	8mm	25g
CLY 350 MS38-09	■	9mm	30g
CLY 350 MS38-10	■	10mm	35g
CLY 350 MS38-11	■	11mm	40g
CLY 350 MS38-12	■	12mm	50g
CLY 350 MS38-13	■	13mm	60g
CLY 350 MS38-14	■	14mm	70g
CLY 350 MS38-15	■	15mm	80g
CLY 350 MS38-16	■	16mm	100g
CLY 350 MS38-17	■	17mm	100g
CLY 350 MS38-18	■	18mm	120g
CLY 350 MS38-19	■	19mm	130g
CLY 350 MS38-20	■	20mm	160g
CLY 350 MS38-21	■	21mm	180g
CLY 350 MS38-22	■	22mm	200g
CLY 350 MS38-23	■	23mm	220g
CLY 350 MS38-24	■	24mm	240g
CLY 350 MS38-25	■	25mm	300g
CLY 350 MS38-26	■	26mm	310g
CLY 350 MS38-27	■	27mm	315g

### Insulated Nut Spinner

Specially designed for screwing and unscrewing the most inaccessible nuts, these spinners are fitted with the same handle / grip as our range of screwdrivers. The hexagonal socket blade is forged from heat treated chrome vanadium steel.

Part No.	Thread	Size	Blade Length	Weight
CLY 350 IS36-07	■	7mm	130mm	144g
CLY 350 IS36-08	■	8mm	130mm	170g
CLY 350 IS36-10	■	10mm	130mm	196g
CLY 350 IS36-11	■	11mm	130mm	214g
CLY 350 IS36-13	■	13mm	130mm	254g
CLY 350 IS36-14	■	14mm	130mm	282g
CLY 350 IS36-17	■	17mm	130mm	292g

## Insulated Nut Spinner

Part No.	Thread	Size	Blade Length	Weight
CLY 350 IS36-I03	■	3/16"	130mm	160g
CLY 350 IS36-I04	■	1/4"	130mm	170g
CLY 350 IS36-I05	■	5/16"	130mm	175g
CLY 350 IS36-I06	■	3/8"	130mm	185g
CLY 350 IS36-I07	■	7/16"	130mm	205g
CLY 350 IS36-I08	■	1/2"	130mm	210g
CLY 350 IS36-I09	■	9/16"	130mm	215g
CLY 350 IS36-I10	■	5/8"	130mm	220g
CLY 350 IS36-W04	■	1/4"	130mm	170g
CLY 350 IS36-W05	■	5/16"	130mm	175g
CLY 350 IS36-W06	■	3/8"	130mm	185g
CLY 350 IS36-BA0	■	BA 0	130mm	170g
CLY 350 IS36-BA1	■	BA 1	130mm	170g
CLY 350 IS36-BA2	■	BA 2	130mm	170g
CLY 350 IS36-BA4	■	BA 4	130mm	170g

## Insulated Pipe Wrench

Forged from heat treated chrome vanadium steel, these 12-sided socket head pipe wrenches are offset to allow increased access.

Part No.	Thread	Size	Length	Weight
CLY 350 MS20-10	■	10mm	118mm	90g
CLY 350 MS20-11	■	11mm	130mm	95g
CLY 350 MS20-12	■	12mm	135mm	130g
CLY 350 MS20-13	■	13mm	150mm	160g
CLY 350 MS20-14	■	14mm	160mm	170g
CLY 350 MS20-15	■	15mm	166mm	220g
CLY 350 MS20-16	■	16mm	172mm	230g
CLY 350 MS20-17	■	17mm	189mm	280g
CLY 350 MS20-19	■	19mm	208mm	370g
CLY 350 MS20-21	■	21mm	233mm	510g
CLY 350 MS20-22	■	22mm	240mm	660g
CLY 350 MS20-23	■	23mm	260mm	690g
CLY 350 MS20-24	■	24mm	265mm	710g
CLY 350 MS20-25	■	25mm	280mm	780g
CLY 350 MS20-26	■	26mm	290mm	810g
CLY 350 MS20-27	■	27mm	300mm	1000g
CLY 350 MS20-28	■	28mm	310mm	1050g
CLY 350 MS20-29	■	29mm	320mm	1150g
CLY 350 MS20-30	■	30mm	327mm	1280g



- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future



CLY 350 MS19M



CLY 350 MS34

### Insulated Box Spanner

Forged from heat treated alloy steel, these spanners are designed for easier access and increased torque.

Part No.	Thread	Size	Length	Weight
CLY 350 MS34-06	■	6mm	135mm	90g
CLY 350 MS34-08	■	8mm	135mm	110g
CLY 350 MS34-10	■	10mm	135mm	180g
CLY 350 MS19S-10	■	10mm	305mm	350g
CLY 350 MS34-11	■	11mm	135mm	180g
CLY 350 MS19S-11	■	11mm	305mm	350g
CLY 350 MS34-12	■	12mm	135mm	190g
CLY 350 MS19S-12	■	12mm	305mm	350g
CLY 350 MS34-13	■	13mm	135mm	220g
CLY 350 MS19S-13	■	13mm	305mm	350g
CLY 350 MS19M-13	■	13mm	405mm	650g
CLY 350 MS34-14	■	14mm	135mm	240g
CLY 350 MS19S-14	■	14mm	305mm	350g
CLY 350 MS19M-14	■	14mm	405mm	800g
CLY 350 MS34-15	■	15mm	135mm	245g
CLY 350 MS34-16	■	16mm	135mm	260g
CLY 350 MS19S-16	■	16mm	305mm	560g
CLY 350 MS34-17	■	17mm	135mm	265g
CLY 350 MS19S-17	■	17mm	305mm	650g
CLY 350 MS19M-17	■	17mm	405mm	900g
CLY 350 MS34-18	■	18mm	135mm	300g
CLY 350 MS34-19	■	19mm	135mm	330g
CLY 350 MS19S-19	■	19mm	305mm	900g
CLY 350 MS19M-19	■	19mm	405mm	1000g
CLY 350 MS19L-19	■	19mm	700mm	1900g
CLY 350 MS34-20	■	20mm	135mm	350g
CLY 350 MS34-21	■	21mm	135mm	370g
CLY 350 MS19S-21	■	21mm	305mm	1200g
CLY 350 MS19M-21	■	21mm	405mm	1200g
CLY 350 MS19L-21	■	21mm	700mm	1900g
CLY 350 MS19S-22	■	22mm	305mm	1200g
CLY 350 MS19S-23	■	23mm	305mm	1850g
CLY 350 MS19S-24	■	24mm	305mm	1200g
CLY 350 MS19S-I04	■	1/4"	305mm	410g
CLY 350 MS19S-I05	■	5/16"	305mm	460g
CLY 350 MS19M-I05	■	5/16"	405mm	460g
CLY 350 MS19S-I06	■	3/8"	305mm	480g



## Insulated Box Spanner

Part No.	Thread	Size	Length	Weight
CLY 350 MS19M-I06	■	3/8"	405mm	480g
CLY 350 MS19S-I07	■	7/16"	305mm	550g
CLY 350 MS19M-I07	■	7/16"	405mm	550g
CLY 350 MS19M-I08	■	1/2"	405mm	560g

## Insulated Allen Keys

The blades of the entire range of allen keys are forged from chrome vanadium steel which has undergone a high frequency heat treatment in order to achieve a hardness of between 160kg/mm<sup>2</sup> and 180kg/mm<sup>2</sup>. The quality of this steel allows a reduction in the thickness of the resulting key, meaning that after the insulation process the Clydesdale / Sibille range of keys is comparable in thickness to other non insulated keys of the same usable size. The tightening torques achieved by Clydesdale / Sibille keys are approximately 60% greater than those specified by the nut and bolt industry worldwide standards.

## Insulated Allen Key - "T" Handle

Part No.	Thread	Size	Length	Weight
CLY 350 MS23TS-03	■	3mm	140mm	50g
CLY 350 MS23TS-04	■	4mm	140mm	60g
CLY 350 MS23TT-04	■	4mm	217mm	75g
CLY 350 MS23TS-05	■	5mm	140mm	70g
CLY 350 MS23TT-05	■	5mm	217mm	85g
CLY 350 MS23TS-06	■	6mm	140mm	80g
CLY 350 MS23TT-06	■	6mm	217mm	105g
CLY 350 MS23TS-08	■	8mm	140mm	110g
CLY 350 MS23TT-08	■	8mm	217mm	145g
CLY 350 MS23TS-I03	■	3/16"	160mm	100g



CLY 350 MS19M



CLY 350 MS23TT

CLY 350 MS23TS

- Metric
- Imperial A/F
- British Association
- Whitworth

# CLYDESDALE

## Powering the Future



CLY 350 MS23



CLY 350 MS23C-02



CLY 350 IS64

### Insulated Allen Key – Standard Series

Part No.	Thread	Size	Length	Weight
CLY 350 MS23-03	■	3mm	123mm	20g
CLY 350 MS23-04	■	4mm	124mm	30g
CLY 350 MS23-05	■	5mm	125mm	50g
CLY 350 MS23-06	■	6mm	125mm	70g
CLY 350 MS23-07	■	7mm	126mm	85g
CLY 350 MS23-08	■	8mm	126mm	110g
CLY 350 MS23-09	■	9mm	127mm	140g
CLY 350 MS23-10	■	10mm	128mm	190g
CLY 350 MS23-11	■	11mm	128mm	190g
CLY 350 MS23-I02	■	1/8"	123mm	20g
CLY 350 MS23-I03	■	3/16"	124mm	30g
CLY 350 MS23-I04	■	1/4"	125mm	70g
CLY 350 MS23-I05	■	5/16"	126mm	110g
CLY 350 MS23-I06	■	3/8"	127mm	155g
CLY 350 MS23-I07	■	7/16"	128mm	190g

### Insulated Allen Key – Cooker Knob

Part No.	Thread	Size	Length	Weight
CLY 350 MS23C-02	■	2mm	90mm	20g

### Insulated Allen Key – 'Screwdriver' Handle

Part No.	Thread	Size	Length	Weight
CLY 350 IS64-02.5	■	2.5mm	87mm	42g
CLY 350 IS64-03	■	3mm	87mm	44g
CLY 350 IS64-04	■	4mm	95mm	78g
CLY 350 IS64-05	■	5mm	95mm	80g
CLY 350 IS64-06	■	6mm	105mm	124g
CLY 350 IS64-07	■	7mm	117mm	148g
CLY 350 IS64-08	■	8mm	117mm	212g
CLY 350 IS64-I03	■	3/16"	95mm	78g
CLY 350 IS64-I04	■	1/4"	117mm	124g
CLY 350 IS64-I05	■	5/16"	117mm	148g
CLY 350 IS64-I06	■	3/8"	127mm	212g

## Insulated Screwdrivers

In compliance with the many different types of electrical work, Clydesdale / Sibille has produced a multitude of sizes of screwdriver, with the aim of satisfying almost every specific need. Each screwdriver has gone through a rigorous series of research, development, design and test procedures to ensure that the tool not only performs the required task well but also that it performs it time and time again for the many years of its expected life.

One of the key advantages of this range of Insulated Screwdrivers is that the diameter (including insulation) of the blade is the same as that of the screw head meaning the screwdriver may be inserted anywhere without damaging the insulation, thus preventing any risk to the user. This has been achieved by recessing the blade length so that there is no requirement for the user to 'peel' back the insulation as is required with other inferior brands. The handle is designed so as to give a positive 'tight' grip even when wearing gloves, also allowing a high torque generation.

Our latest range of screwdrivers is now manufactured from high frequency heat-treated S2 grade shock-resisting tool steel to give our toughest and hardest range of screwdrivers to date.



## Insulated Screwdriver – Pozidrive

Part No.	Pozi No.	Width	Blade Length	Weight
CLY 352 PPZ-0	0	4mm	75mm	55g
CLY 352 PPZ -1	1	5mm	100mm	60g
CLY 352 PPZ -2	2	6mm	125mm	82g
CLY 352 PPZ -3	3	8mm	150mm	146g
CLY 352 PPZ -4	4	10mm	200mm	256g
CLY 350 IP18B-1	1	5mm	50mm	34g
CLY 350 IP18B-2	2	6mm	50mm	34g



CLY 352 PPZ-2



CLY 350 IP18B

## Insulated Screwdriver – Philips

Part No.	Philips No.	Width	Blade Length	Weight
CLY 352 PPP-0	0	4mm	75mm	55g
CLY 352 PPP-1	1	5mm	100mm	60g
CLY 352 PPP-2	2	6mm	125mm	82g
CLY 352 PPP-3	3	8mm	150mm	146g
CLY 352 PPP-4	4	10mm	200mm	256g



CLY 352 PPP-2

# CLYDESDALE

## Powering the Future



CLY 352 PPS-055



CLY 350 IS18B-065



CLY 350 MS37LL

### Insulated Screwdriver – Slothead

Part No.	Blade Width	Blade Thickness	Blade Length	Weight
CLY 352 PPS-025	2.5mm	0.36mm	80mm	16g
CLY 352 PPS-035	3.5mm	0.44mm	100mm	30g
CLY 352 PPS-040	4mm	0.71mm	120mm	52g
CLY 352 PPS-055	5.5mm	0.91mm	150mm	72g
CLY 352 PPS-065	6.5mm	1.08mm	150mm	92g
CLY 352 PPS-080	8mm	1.08mm	150mm	142g
CLY 352 PPS-010	10mm	1.42mm	150mm	216g
CLY 352 PPS-012	12mm	1.42mm	200mm	282g
CLY 350 IS18B-065	6.5mm	1.08mm	50mm	36g

### Insulated Screwdriver – Offset Blade – Slothead

These screwdrivers provide a handy aid for very difficult to access screws. They are available in two versions, either with the blade aligned with the handle (with), or set at 90° to it (against). The handle is moulded like a standard allen key to allow even greater access to recessed cabinets.

Part No.	Blade Angle	Blade Width	Blade Thickness	Blade Length	Weight
CLY 350 MS37LL-05	With	5mm	0.91mm	153mm	40g
CLY 350 MS37LL-06	With	6mm	1.01mm	100mm	25g
CLY 350 MS37LL-08	With	8mm	1.21mm	135mm	45g
CLY 350 MS37LL-10	With	10mm	1.42mm	150mm	70g
CLY 350 MS37LT-05	Against	5mm	0.91mm	150mm	40g
CLY 350 MS37LT-06	Against	6mm	1.01mm	100mm	25g
CLY 350 MS37LT-08	Against	8mm	1.21mm	130mm	45g
CLY 350 MS37LT-10	Against	10mm	1.42mm	150mm	70g

### Insulated Screwdriver – Countersunk

Part No.	CS No.	Width	Blade Length	Weight
CLY 350 TC4-1	1	2.5mm	120mm	90g
CLY 350 TC4-2	2	3mm	120mm	90g
CLY 350 TC4-3	3	3.5mm	120mm	90g

CLY 350 TC4





### Insulated Magnetic Screwdriver with Detachable Tips

Supplied as a standard set with 4 of the most commonly required tips (slothead 5.5mm & 6.5mm, cross head 4.5mm & 6mm), this tool is made from chrome vanadium steel and simply has been magnetised to allow the holding of screws for areas of extremely limited access. For other tip sizes please contact Clydesdale.

Part No.	Blade Length	Head Ø	Weight
CLY 350 TM18	245mm	16mm	120g

### Insulated Screwstarter

Featuring a magnetic head, this tool is used to guide a slotted screw into a hole and start the screw in the hole thread. Not to be used for tightening.

Part No.	Blade Width	Blade Length
CLY 350 MU18-03	3mm	70mm
CLY 350 MU18-06	6mm	148mm
CLY 350 MU18-10	10mm	248mm

### Insulated 6-Piece Screwdriver Set

Supplied in a bespoke cardboard display box.

Part No.	Contents	Weight
CLY 350 ESFC6DB	Slothead Screwdrivers (3 x 75mm, 4 x 100mm, 5.5 x 125mm, 8 x 175mm) Phillips Screwdrivers (1 x 80mm, 2 x 100mm)	800g

### Non Conductive Tape Measure

There are no metal parts within this 3 metre tape measure. It is not insulated but non-conductive, a huge technical difference, and as such the tape will not hold a current and can therefore be used in all sorts of circumstances. The tape itself is made from the highest quality FRP material - Fibre Reinforced Plastic.

The material will not stretch and when used correctly will allow years of use. Proof tested to 20kV this tape is proving to be an invaluable aid in the utilities industry the world over.

Part No.	Tape Length	Dimensions	Weight
CLY 111 001	3m	83 x 73 x 29mm	150g



# CLYDESDALE

## Powering the Future



CLY 350 IS77



CLY 350 IS79



CLY 350 IS78



CLY 350 A02



CLY 353 6078C



CLY 353 6078C



CLY 370 SBI

### Insulated Knives

All of the insulation used on our range of Insulated Knives is moulded in one piece, thus avoiding possible air gaps or other potential hazards. All blades used are of 70K steel, giving extreme strength and long lasting sharpness. All knives have been designed with the end user in mind being well balanced for effortless cutting and with finger stops for enhanced safety. The blade insulation is locked by 6 fixing points to ensure that both the blade and the insulation stay in place.

All knives are supplied in a protective storage sheath (as pictured). N.B. Sharpening is recommended using Sharpener A02 below.

Part No.	Blade Length	Blade Type	Total Length
CLY 350 IS77	64mm	Straight & curved tip	180mm
CLY 350 IS78	64mm	Straight & curved tip	175mm
CLY 350 IS79	62mm	Curved	160mm

### Sharpening Stone

Used to sharpen any steel blade, comes complete with a protective plastic handle.

Part No.	Length	Weight
CLY 350 A02	255mm	220g

### Insulating Composite Ceramic Knife

The knife features a revolutionary new ceramic blade shape and is constructed completely from composite and ceramic material with no conductive components at all meaning it is completely insulating rather than insulated. The knife is IEC 60900 and VDE compliant, rated for use up to 1000V.

This unique design features an obtuse angle blade point to allow maximum blade strength for prising cable sheaths; a blade guard that tucks neatly into the handle when not in use with a tab to allow use with gloved hands and an extra tough sintered black ceramic blade, sharper and harder than steel.

Part No.	Length	Weight
CLY 353 6078C	200mm	60g

### Insulated Armour Saw

The SBI saw allows the removal of the Steel sheath from Steel Wire Armoured cables. The cable can then be worked on and inspected as required.

Part No.	Length	Weight
CLY 370 SBI	350mm	330g

## Insulated Hacksaw

Each hacksaw is supplied complete with a blade, which is easily replaceable. The standard hacksaw frame is an injection moulded unit giving one of the most ergonomically designed hacksaws available. Other features of the hacksaw are the inclusion of a blade tension lever and the possibility of offsetting the blade for side cutting. The Junior hacksaw is of the dipped insulation type whilst the Standard version is injection moulded.

Part No.	Type	Length	Blade Length	Spare Blade
CLY 350 MS22J	Junior	263mm	145mm	CLY 351 L22J
CLY 350 IS22	Standard	450mm	297mm or 304mm	CLY 351 L10

## Insulated Scissors

Available in 2 versions, either with the upper parts of the blades insulated or plain. These scissors have been designed with special handle opening so as to be used comfortably with gloves. They are ambidextrous, and the blades are constructed from stainless steel. They are suitable for wire cutting.

Part No.	Type	Length	Weight
CLY 350 MS2	Plain Blade	132mm	80g
CLY 350 MS2E	Insulated Blade	135mm	85g

## Insulated Bolt Cutter

Forged from steel with a very high mechanical strength, the blades of this bolt cutter are double heat treated to give even higher cutting strength.

Part No.	Length	Weight	Spare Blade
CLY 350 MS29D	465mm (18")	1700g	CLY 351 MS29DM

## Insulated Cable Cutter

Forged from nickel chromium steel, the blades on these cable cutters are replaceable (Order code CLY 351 MS61C). Its anti-crossing design avoids cable crushing and deformation. The incredible gearing allows much harder materials to be cut than would be expected from such a lightweight cable cutter.

Part No.	Opening	Length	Weight	Cu/Al Cap.	Steel Cap
CLY 350 MS61	16mm	630mm	2550g	Ø14mm	160kg/mm <sup>2</sup> - Ø14mm
					210kg/mm <sup>2</sup> - Ø6mm

CLY 350 MS22J



CLY 350 IS22



CLY 350 MS2



CLY 350 MS2E



CLY 350 MS29D



CLY 350 MS61

# CLYDESDALE

## Powering the Future



CLY 350 MS76S



CLY 350 MS46



CLY 352 5049E



CLY 335 01300

### Insulated Ratchet Cable Cutters

Manufactured from a treated forged steel blade with a hardness rated at 50 HRC, the blade can be released at any point during the cutting process. These cutters should only be used to cut either Copper or Aluminium conductors and will not cut Steel, ACSR or hard drawn Copper. A slim design featuring a chromium tipped forged steel blade is also available for use in areas where access is limited such as underground applications. Replacement blades are available - please contact Clydesdale for details.

Part No.	Type	Opening	Length	Weight	Cu Cap	Al Cap
CLY 350 MS79GM	Standard	60mm	400mm	1900g	750mm <sup>2</sup>	750mm <sup>2</sup>
CLY 350 MS76GM	Standard	52mm	285mm	900g	300mm <sup>2</sup>	600mm <sup>2</sup>
CLY 350 MS99SR*	Standard	52mm	455mm	2700g	300mm <sup>2</sup>	600mm <sup>2</sup>
CLY 350 MS79	Standard	43mm	270mm	1120g	300mm <sup>2</sup>	300mm <sup>2</sup>
CLY 350 MS76S	Standard	35mm	260mm	740g	240mm <sup>2</sup>	300mm <sup>2</sup>
CLY 350 MS46	Slim	30mm	30mm	1100g	150mm <sup>2</sup>	150mm <sup>2</sup>

\*The CLY 350 MS99SR can also cut up to Ø10mm staywire.

### Insulated Ratchet Cable Cutter – Fully Insulated

Developed for increased safety in that only the cutting edges of the jaws are exposed. Ideal for cutting Aluminium and Copper Cables up to 240mm<sup>2</sup>. The ratchet mechanism is spring loaded to allow jaws to open fully when release tab is lifted eliminating the need to prise the jaws open. Use with CLY 335 01300 wedge for increased safety.

Part No.	Opening	Length	Weight	Cu/Al Cap
CLY 352 5049E	30mm	290mm	1230g	240mm <sup>2</sup>

### Composite Core Separator Wedges

This core separator wedge is made from a non-conductive orange composite material and features a special groove to locate the cable core for cutting and allow clearance for the cutter jaws. Ideal for use with CLY 352 5049E Insulated Ratchet Cutter.

Part No.	Length	Weight
CLY 335 01300	225mm	246g



## Insulated Cable Cutting Pliers

The shape of the nose of the blade makes these pliers the tool of choice for professionals. Its small size allows use in very confined areas, and its pawl lock protects the blades whilst not in use. The blades are individually heat treated to give a hardness of HRC 56. Suitable for Copper and Aluminium only.

Part No.	Opening	Length	Weight	Cu Cap	Al Cap
CLY 350 MS45-195	20mm	195mm	430g	16mm <sup>2</sup>	35mm <sup>2</sup>
CLY 350 MS45-230	24mm	230mm	500g	16mm <sup>2</sup>	35mm <sup>2</sup>



CLY 350 MS45

## Composite Insulating Cable Cutting Pliers

These cable cutting pliers are constructed from an exclusive composite material giving excellent insulating properties in low voltage, live working applications up to 1000V - specifically applications in confined spaces where a short circuit could lead to serious consequences for workers and equipment. The pliers have been designed for use with insulating rubber gloves with softer ergonomics incorporated to avoid glove damage and potential injury to the worker. The shape of the nose of the blade makes these pliers the tool of choice for professionals.

Part No.	Opening	Length	Weight	Cu Cap	Al Cap
CLY 350 MC45E	22mm	190mm	230g	16mm <sup>2</sup>	35mm <sup>2</sup>



CLY 350 MC45E

## Insulated Cable Cutting Pliers – Telephone Cable

Specially designed for the cutting of telephone cables, hence double section shaping.

Part No.	Opening	Length	Weight
CLY 350 MS30S-160	10mm	160mm	200g
CLY 350 MS30S-200	14mm	200mm	340g
CLY 350 MS30S-250	20mm	250mm	430g



CLY 350 MS30S

## Insulated Flush Cutting Pliers

Specifically designed for the cutting of telephone cables, the truncated nose gives a completely 'flush' finish.

Part No.	Length	Weight
CLY 350 MS5S	150mm	100g



CLY 350 MS5S

# CLYDESDALE

## Powering the Future



CLY 350 MS62

### Insulated Profiling Shear Pliers

Used to precision cut sheet Steel along an exact outline.

Part No.	Opening	Length	Weight
CLY 350 MS62-225	225mm	430g	1mm
CLY 350 MS62-275	275mm	660g	1.2mm



CLY 350 MS6

### Insulated End Cutting Pliers

These tools are forged from chrome vanadium steel with a high carbon content and are individually heat treated for added strength.

Part No.	Length	Opening	Jaw Width	Weight	Steel Wire Capacity
CLY 350 MS6-135	135mm	7mm	19mm	210g	Ø 1.4mm 200kg/mm <sup>2</sup>
CLY 350 MS6-170	170mm	8mm	23mm	290g	Ø 1.6mm 200kg/mm <sup>2</sup>
CLY 350 MS6-210	210mm	10mm	27mm	410g	Ø 2.0mm 200kg/mm <sup>2</sup>
CLY 350 MS31-165	165mm	13.5mm	30mm	270g	Ø 1.6mm 160kg/mm <sup>2</sup>
CLY 350 MS31-185	185mm	14.5mm	32mm	350g	Ø 1.6mm 160kg/mm <sup>2</sup>



CLY 350 MS60

### Insulated Diagonal Cutting Pliers

Manufactured from chrome vanadium steel with a high carbon content, these pliers are individually induction heat treated.

Part No.	Length	Weight	Steel Wire Capacity
CLY 350 MS60-145	145mm	200g	Ø 1.6mm 160kg/mm <sup>2</sup>
CLY 350 MS5-150	150mm	210g	Ø 1.4mm 200kg/mm <sup>2</sup>
CLY 350 MS60-168	168mm	260g	Ø 1.6mm 160kg/mm <sup>2</sup>
CLY 350 MS5-175	175mm	300g	Ø 1.6mm 200kg/mm <sup>2</sup>
CLY 350 MS60-185	185mm	350g	Ø 1.6mm 160kg/mm <sup>2</sup>
CLY 350 MS5-195	195mm	400g	Ø 1.8mm 200kg/mm <sup>2</sup>



CLY 350 MS60E

### Fully Insulated Diagonal Cutting Pliers

The same as the MS60 tool but with fully Insulated blades, the insulation is achieved during a one dip process.

Part No.	Length	Weight	Steel Wire Capacity
CLY 350 MS60E-168	168mm	260g	Ø 1.6mm 160kg/mm <sup>2</sup>

### Insulated Offset Diagonal Cutting Pliers

Manufactured from chrome vanadium steel with a high carbon content, these pliers are individually induction heat treated. The head is angled at 35°.

Part No.	Length	Weight	Steel Wire Capacity
CLY 350 MS24-165	165mm	230g	Ø 0.9mm 80kg/mm <sup>2</sup>



CLY 350 MS24

### Insulated Cable Stripping Pliers

A simple to use, easily adjustable tool. Simply set the required cutting depth with the screw and locking nut, position the wire to be stripped between the cutting edges, press the pliers together and pull.

Part No.	Length	CSA Range	Weight
CLY 350 MS43	170mm	0.5mm <sup>2</sup> to 10mm <sup>2</sup>	230g



CLY 350 MS43

### Fully Insulated Cable Stripping Pliers

As per the standard insulation version but with fully insulated jaws.

Part No.	Length	CSA Range	Weight
CLY 350 MS43E	175mm	0.5mm <sup>2</sup> to 10mm <sup>2</sup>	260g



CLY 350 MS43E

### OS Composite Sheath Stripping Pliers

These composite pliers allow easy removal of the PE, PVC or PR Outer Sheath. Stripping is done by first making circular cuts in the sheath where the cable is to be stripped. Four circular cutting blades with pre-determined cut depths mean the tool only needs to be rotated through 90° to complete a full circular cut. Secondly, a longitudinal cut is made using the roller as a guide and a single circular blade, again with set cut depth, from the one circular cut to the other. Thirdly, the sheath can then be peeled off using the tooth blade on the end of the pliers.

Part No.	Outer Sheath	Cable Ø	Length	Weight
CLY 370 OS32	PE, PVC or PR	26mm-52mm	260mm	440g



CLY 370 OS32

# CLYDESDALE

## Powering the Future



CLY 350 MS4

### Insulated Universal / Combination Pliers

Manufactured from chrome vanadium steel with a high carbon content, these pliers are individually induction heat treated.

Part No.	Length	Weight	Steel Wire Capacity
CLY 350 MS4-145	145mm	190g	Ø 1.4mm 200kg/mm <sup>2</sup>
CLY 350 MS4-165	165mm	250g	Ø 1.6mm 200kg/mm <sup>2</sup>
CLY 350 MS4-185	185mm	340g	Ø 1.8mm 200kg/mm <sup>2</sup>
CLY 350 MS4-210	210mm	490g	Ø 2.0mm 200kg/mm <sup>2</sup>
CLY 350 MS4-220	220mm	450g	Ø 2.0mm 200kg/mm <sup>2</sup>



CLY 350 MS4E

### Fully Insulated Universal / Combination Pliers

The same as the MS4 tool but with fully Insulated blades, the insulation is achieved during a one dip process.

Part No.	Length	Weight	Steel Wire Capacity
CLY 350 MS4E-185	185mm	340g	Ø 1.8mm 200kg/mm <sup>2</sup>



CLY 350 MC4CE

### Composite Insulating Universal / Combination Pliers

Constructed from an exclusive composite material and sintered ceramic cutting blades, these pliers contain absolutely no metal parts and represent the next generation of Insulated Hand Tools – Non Conductive or Insulating Hand Tools. Totally non-corroding and due to its composite material is approximately two thirds the weight of traditional insulated steel pliers.

Part No.	Length	Weight	Cu Capacity
CLY 350 MC4CE	200mm	170g	10mm <sup>2</sup>

### Insulated Flat Nosed Pliers

Manufactured from chrome vanadium steel with a high carbon content, these pliers are individually induction heat treated.



CLY 350 MS11S170

Part No.	Length	Nose Style	Nose Length	Weight
CLY 350 MS11S150	150mm	Short	30mm	150g
CLY 350 MS11S170	170mm	Short	39mm	170g
CLY 350 MS11-170	170mm	Long	50mm	170g
CLY 350 MS11-205	205mm	Long	70mm	260g

### Fully Insulated Flat Nosed Pliers

The same as the MS11 tool but with fully Insulated blades, the insulation is achieved during a one dip process.

Part No.	Length	Nose Length	Weight
CLY 350 MS11E170	170mm	45mm	180g



CLY 350 MS11E170

### Composite Insulating Flat Nose Pliers

Constructed from an exclusive composite material and sintered ceramic cutting blades, these pliers contain absolutely no metal parts and represent the next generation of Insulated Hand Tools – Non Conductive or Insulating Hand Tools. Totally non-corroding and due to its composite material is approximately two thirds the weight of traditional insulated steel pliers.

Part No.	Length	Weight	Cu Capacity
CLY 350 MC11CE	190mm	110g	10mm <sup>2</sup>



CLY 350 MC11CE

### Insulated Half-Round Bent Nose Pliers

Manufactured from chrome vanadium steel with a high carbon content, these pliers are individually induction heat treated. The nose of these pliers has a 45° bend.

Part No.	Length	Nose Length	Weight	Steel Wire Capacity
CLY 350 MS13-165	165mm	46mm	180g	Ø 1.0mm 160kg/mm <sup>2</sup>
CLY 350 MS13-205	205mm	67mm	230g	Ø 1.6mm 160kg/mm <sup>2</sup>



CLY 350 MS13

### Fully Insulated Half-Round Bent Nose Pliers

The same as the MS13 tool but with fully Insulated blades, the insulation is achieved during a one dip process.

Part No.	Length	Nose Length	Weight	Steel Wire Capacity
CLY 350 MS13E-170	170mm	46mm	185g	Ø 1.0mm 160kg/mm <sup>2</sup>



CLY 350 MS13E

### Composite Insulating Half-Round Bent Nose Pliers

Constructed from an exclusive composite material and sintered ceramic cutting blades, these pliers contain absolutely no metal parts and represent the next generation of Insulated Hand Tools – Non Conductive or Insulating Hand Tools. Totally non-corroding and due to its composite material is approximately two thirds the weight of traditional insulated steel pliers.

Part No.	Length	Weight	Cu Capacity
CLY 350 MC13CE	210mm	110g	10mm <sup>2</sup>



CLY 350 MC13CE



# CLYDESDALE

## Powering the Future



CLY 350 MS8



CLY 350 MS26



CLY 350 MS32



CLY 350 MS53



CLY 350 MS80



CLY 350 MS104



CLY 352 1864

### Insulated Slip Joint / Scotch Gas Pliers

Forged from the highest quality chrome vanadium steel, this tool is used for any task involving the 'twisting' of another object.

Part No.	Length	Style	Jaw Opening	Positions	Weight
CLY 350 MS8-205	205mm	Tapered	30	6	230g
CLY 350 MS8-250	250mm	Tapered	40	6	400g
CLY 350 MS8-310	310mm	Tapered	55	6	670g
CLY 350 MS26-250	250mm	Straight	45	5	490g
CLY 350 MS27-250	250mm	Curved	45	5-Double rack	440g
CLY 350 MS32-360	360mm	Curved	75	7	1010g

### Insulated Fuse Extractor Pliers

Designed for removing LV porcelain or moulded fuses.

Part No.	Length	Opening	Weight
CLY 350 MS53 B34	205mm	34-52mm	340g
CLY 350 MS53 J46	210mm	46-61mm	370g
CLY 350 MS53 N70	220mm	70-92mm	390g

### Insulated Connector Crimping Pliers

For crimping insulated connectors. Typically used in Telecoms for multi pair cables.

Part No.	Length	Weight
CLY 350 MS80	150mm	150g

### Insulated Axe

Manufactured from the highest quality materials this axe is insulated to allow cutting of trees, bushes etc. in close proximity to LV power lines.

Part No.	Length	Weight
CLY 350 MS104	380mm	1,200g

### Insulated Inspection Mirror

Fully insulated with an adjustable head and flexible neck, this inspection mirror is an invaluable tool for checking behind cables and joints in inaccessible places.

Part No.	Length	Weight
CLY 352 1864	600mm	350g

## Insulated Laboratory / Electronics Tools

A full range of precision tools for laboratory / electronics use is available.

Part Number	Description	Length	Weight
CLY 350 ML281	Long Flat Nose Pliers	140mm	56g
CLY 350 ML282	Short Half-Round Nose Pliers	140mm	70g
CLY 350 ML283	Long Straight Half-Round Nose Pliers	140mm	70g
CLY 350 ML283B	Long Bent Half-Round Nose Pliers	135mm	70g
CLY 350 ML285	Round Nose Pliers	125mm	70g
CLY 350 ML288	Diagonal Bevelled Cutting Pliers	110mm	70g
CLY 350 ML289	Diagonal Flush Cutting Pliers	110mm	70g
CLY 350 ML292	Stripping Pliers	135mm	66g
CLY 350 ML301	End Cutting Pliers	115mm	80g
CLY 350 ML23	Hex (Allen) Key Set (1.5, 2, 2.5, 3, 4, 5, 6, 8mm)	-	200g
CLY 350 ML16-3	Single Open Ended Spanner 3mm	88mm	15g
CLY 350 ML16-3.5	Single Open Ended Spanner 3.5mm	89mm	15g
CLY 350 ML16-4	Single Open Ended Spanner 4mm	89mm	15g
CLY 350 ML16-4.5	Single Open Ended Spanner 4.5mm	89mm	15g
CLY 350 ML16-5	Single Open Ended Spanner 5mm	89mm	15g
CLY 350 ML16-5.5	Single Open Ended Spanner 5.5mm	89mm	15g
CLY 350 ML16-6	Single Open Ended Spanner 6mm	100mm	15g
CLY 350 ML16-7	Single Open Ended Spanner 7mm	105mm	15g
CLY 350 ML16-8	Single Open Ended Spanner 8mm	109mm	15g
CLY 350 ML16-9	Single Open Ended Spanner 9mm	109mm	15g
CLY 350 ML36-3	Female Mini Hex Nut Driver 3mm	100mm	35g
CLY 350 ML36-3.5	Female Mini Hex Nut Driver 3.5mm	100mm	35g
CLY 350 ML36-4	Female Mini Hex Nut Driver 4mm	100mm	35g
CLY 350 ML36-4.5	Female Mini Hex Nut Driver 4.5mm	100mm	35g
CLY 350 ML36-5	Female Mini Hex Nut Driver 5mm	100mm	35g
CLY 350 ML108	Straight Slim Head Tweezers	155mm	25g
CLY 350 ML112	Bent Slim Head Tweezers	150mm	25g
CLY 350 MLC18	Mini Phillips 00 Screwdriver	108mm	20g
CLY 350 ML18-1.2	Mini Slothead Screwdriver 1.2 x 75mm	75mm	10g
CLY 350 ML18-1.6	Mini Slothead Screwdriver 1.6 x 80mm	80mm	15g
CLY 350 ML64-1.5	Mini Hex (Allen) Key Driver 1.5mm	108mm	25g
CLY 350 ML64-2	Mini Hex (Allen) Key Driver 2mm	108mm	25g
CLY 350 ML64-2.5	Mini Hex (Allen) Key Driver 2.5mm	108mm	30g
CLY 350 ML64-3	Mini Hex (Allen) Key Driver 3mm	108mm	30g
CLY 350 VLE	Laboratory Miniature Tool Set SOE Spanners (3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9mm) Hex Key Drivers (1.5, 2, 2.5, 3mm) Nut Drivers (3, 3.5, 4, 4.5mm), Screwdriver (00), Pliers: Flat Nose, Half-Round Nose, Long Straight Nose, Bent Long Nose, Round Nose, Cutting, Side Cutting, Flush Cutting, Stripping, End Cutting, Scraping		4450g



CLY 350 ML282



CLY 350 ML283B



CLY 350 ML292



CLY 350 ML36



CLY 350 ML112



CLY 350 ML64



CLY 350 VLE

# CLYDESDALE

## Powering the Future



CLY 350 MS100CCR

### Insulated Torque Wrench Sets

These kits are supplied in a sturdy plastic tool box complete with a bespoke foam cut-out inner foam liner to keep the tools safe. Other kits are available - please contact Clydesdale for details.

Part No.	Kit Contents	Weight
CLY 350 MS100CCR	<b>3/8" Drive 9 Tool Torque Wrench Set</b> MS100 3/8" Drive 8-54Nm Reversible Torque Wrench 3/8" 130mm T-Wrench 3/8" 140mm Extension 3/8" Female Sockets (10, 13, 14, 17, 19mm) 3/8" Male Hex (Allen) Key Head (6mm)	2750g
CLY 350 MS100D	<b>3/8" Drive 11 Tool Torque Wrench Set</b> MS100 3/8" Drive 8-54Nm Reversible Torque Wrench 3/8" 130mm T-Wrench 3/8" 140mm Extension 3/8" Female Sockets (10, 13, 14, 16, 18, 17, 19mm) 3/8" Male Hex (Allen) Key Head (6mm)	3030g



CLY 350 MS59C

### Insulated Socket Sets

These kits are supplied in a sturdy plastic tool box complete with a bespoke foam cut-out inner foam liner to keep the tools safe. Other kits are available - please contact Clydesdale for details.

Part No.	Kit Contents	Weight
CLY 350 MS59C	<b>1/4" Drive 5 Tool Socket Set</b> MS55 1/4" Drive Ratchet Wrench 1/4" 116mm & 270mm Extension Bars 1/4" Female Sockets (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm), 1/4" Male Hex (Allen) Key Heads (3, 4, 5, 6, 7mm)	390g
CLY 350 MS59S	<b>1/4" Drive 19 Tool Socket Set</b> 290g MS55 1/4" Drive Ratchet Wrench 1/4" 116mm Extension Bar 1/4" Female Sockets (8, 10, 12, 13mm) 1/4" Male Hex (Allen) Key Head (5mm)	
CLY 350 MS89R	<b>3/8" Drive 8 Tool Socket Set</b> MS85 3/8" Drive Ratchet Wrench 3/8" 140mm Extension Bar 3/8" Female Sockets (8, 10, 13, 17mm) 3/8" Male Hex (Allen) Key Heads (4, 5mm)	1050g



CLY 350 MS59S

# CLYDESDALE

## Powering the Future

### Insulated Socket Sets

Part No.	Kit Contents	Weight
CLY 350 MS89A	<b>3/8" Drive 12 Tool Socket Set</b> 360g MS85 3/8" Drive Ratchet Wrench 3/8" 140mm Extension Bar 3/8" Female Sockets (8, 10, 12-14, 17, 19, 21, 22, 23mm)	
CLY 350 MS69S	<b>1/2" Drive 18 Tool Socket Set</b> 2000g MS65 1/2" Drive Ratchet Wrench 1/2" 140mm Extension Bar 1/2" to 1/4" Reducer 1/2" Female Sockets (8-14, 17, 19, 21, 23mm) 1/2" Female Sockets (6, 7mm)	
CLY 350 MS69C	<b>1/2" Drive 32 Tool Socket Set</b> 4560g MS65 1/2" Drive Ratchet Wrench 1/2" 310mm T-Wrench 1/2" 140mm Extension Bar 1/2" Female Sockets (8-30, 32mm) 1/2" Male Hex (Allen) Key Head (8, 10, 12, 14, 17mm)	

### Electrician's Tool Kits

Various standard insulated tool kits are available. If you can't find a suitable kit below, bespoke kits can be supplied complete in a plastic carry case with precision cut foam inserts or in a heavy duty PVC tool bag.

Part No.	Kit Contents	Weight
CLY 354 100	<b>26 Piece Electrician's Tool Kit</b> 4000g Screwdriver Slothead 3.5, 4, 5.5, 6.5 & 8mm Blade Screwdriver Pozi No1, No2 & No3 Combination Pliers 185mm Diagonal Cutting Pliers 145mm, Flat Nose Pliers 170mm Composite Cable Cutters Single Open Ended Spanner - 10, 13, 17 & 19mm 3/8" Sq Dr Ratchet Driver, 3/8" Sq Dr Extension 140mm 3/8" Sq Dr Hex Key Socket - 4 & 5mm 3/8" Sq Dr Socket - 8, 10, 13 & 17mm Junior Hacksaw, Electrician's Knife	
CLY 354 S31RVC	<b>11 Piece Electrician's Tool Kit</b> 2130g Screwdriver Slothead 3.5, 4, 5.5 & 8mm Screwdriver Phillips No2 & No3 Combination Pliers 185mm, Stripping Pliers 175mm Diagonal Cutting Pliers 175mm Flat Nose (Composite) Pliers 190mm Groove Joint Pliers 250mm	
CLY 354 V60	<b>10 Piece Electrician's Tool Kit</b> 1300g Screwdriver Slothead 3.5, 4, 5.5mm Screwdriver Phillips No2, Combination Pliers 185mm Diagonal Cutting Pliers 175mm, Round Nose Pliers 170mm Hex Key Set, 00 Phillips Screwdriver, Screwstarter	



CLY 354 S31RVC



CLY 354 V60

# CLYDESDALE

## Powering the Future

### Clydesdale Insulating Gloves

Clydesdale Insulating Gloves are available in sizes 7-11, dependant on style and class. Proper fit is important to minimise chafing and fatigue. To determine glove size, measure the circumference around the palm (in inches). Allow for additional room if fabric glove liners are to be worn, especially with thermal liners. Available in a variety of colours, material types and voltage classes, Clydesdale Insulating Gloves are extremely flexible and make working with small parts easy. All Clydesdale Insulating Gloves meet or exceed EN 60903 and ASTM D120 standards.

Clydesdale is in an almost unique position of being able to supply Insulating Gloves made from three material types – Latex, Cement Dipped Rubber and EPDM. In a nutshell the advantage of these 3 material types is as follows;

	Cement Dipped	EPDM	Latex
<b>Price</b>	✓	✓✓	✓✓✓
<b>Comfort</b>	✓✓✓	✓✓✓	✓✓
<b>Dexterity</b>	✓✓✓	✓✓✓	✓✓
<b>Ozone Resistance</b>	✓	✓✓✓	✓
<b>2 Colour Option</b>	Yes	Yes	No
<b>Arc Performance</b>	✓✓✓	✓	✓

For “Hot Glove” techniques, cement dipped rubber is the glove of choice as it offers the highest level of user comfort and dexterity.



CLY 560 1410

CLY 550 1409

CLY 552 1610

Part No.	Voltage Class	Length		Material Type	Cuff Style	Colour
CLY 560 14**	0 (1,000V Working)	14"	355mm	I – Latex	Straight	Orange
CLY 561 14**	1 (7,500V Working)	14"	355mm	I – Latex	Straight	Orange
CLY 561 16**	1 (7,500V Working)	16"	405mm	I – Latex	Straight	Orange
CLY 550 11**	0 (1,000V Working)	11"	280mm	I – Cement Dipped Rubber	Straight	Black
CLY 550 14**	0 (1,000V Working)	14"	355mm	I – Cement Dipped Rubber	Straight	Red / Yellow
CLY 551 14**	1 (7,500V Working)	14"	355mm	I – Cement Dipped Rubber	Straight	Black
CLY 551 16**	1 (7,500V Working)	16"	405mm	I – Cement Dipped Rubber	Straight	Black / Red
CLY 552 14**	2 (17,000V Working)	14"	355mm	I – Cement Dipped Rubber	Straight	Black
CLY 552 16**	2 (17,000V Working)	16"	405mm	I – Cement Dipped Rubber	Bell	Yellow / Black
CLY 553 16**	3 (26,500V Working)	16"	405mm	I – Cement Dipped Rubber	Bell	Yellow / Black
CLY 553 18**	3 (26,500V Working)	18"	455mm	I – Cement Dipped Rubber	Bell	Yellow / Black
CLY 554 18**	4 (36,000V Working)	18"	455mm	I – Cement Dipped Rubber	Bell	Red / Black
CLY 550 16**	0 (1,000V Working)	16"	405mm	II – EPDM	Straight	Blue

\*\* Insert suffix for sizing, 08 for size 8, 10 for size 10 etc.

**Note:** Two Colour gloves, inside colour is first, i.e. Red / Yellow denotes a glove with an inner colour of red and an outer colour of yellow.

**Note:** To determine glove size, measure the circumference around the palm (in inches).

MEASURE THE  
CIRCUMFERENCE  
AROUND THE PALM





# CLYDESDALE

## Powering the Future

### Clydesdale Leather Protector Gloves

Leather Protector Gloves should be worn over Insulating Gloves to provide necessary mechanical protection against cuts, abrasions and punctures. Clydesdale Leather Protector Gloves are manufactured from cowhide or goatskin. Goatskin is softer and therefore more flexible whilst cowhide is stronger and more economically priced.

Warning: Never use Leather Protector Gloves on their own for protection against electric shock as serious injury or death could result, always use the correctly specified insulating gloves.

Part No.	Material	Suitable for Insulating Gloves	Length	Description
CLY 555 07451**	Goatskin	Classes 0, 1	13"	Buckle Tie and Hi Vis Cuff
CLY 555 ILPG10**	Goatskin	Classes 0, 1	10"	Elasticated Cuff
CLY 555 ILP3S**	Cowhide	Classes 1, 2, 3, 4	12"	Leather Cuff palmside, Vinyl reverse
CLY 555 ILPG5**	Goatskin	Classes 1, 2, 3, 4	14"	Leather Cuff palmside, Vinyl reverse
CLY 555 156-4**	Cowhide	Classes 1, 2, 3, 4	12"	4" Rubber Cuff
CLY 555 156-6**	Cowhide	Classes 1, 2, 3, 4	14"	6" Rubber Cuff

\*\* Insert suffix for sizing, 08 for size 8, 10 for size 10 etc.

As laid down within the specifications of the EN and ASTM standards, it is essential to ensure the correct distance between the top of the protector glove cuff and the top end of the bead of the insulating glove. The clearance table below details the applicable gap per class of insulating glove.

Glove Class	Distance
0	1/2" / 13mm
1	1" / 26mm
2	2" / 51mm
3	3" / 76mm
4	4" / 102mm

### Glove Bags

As recommended within both the EN and ASTM standards, good storage of Insulating Gloves is essential to ensure that their insulating properties are maintained. Folds and creases strain rubber and cause cracking from ozone. Clydesdale Glove Bags are made from heavy duty canvas and feature a D ring for hanging in workplaces or on work harnesses.

NEW Glove and Protector Bags feature two layered pockets in one bag, allowing insulating gloves and protectors to be stored together.

Part No.	Glove Length	Bag Dimensions (mm)	Bag Weight (kgs)
----------	--------------	---------------------	------------------

#### Canvas Glove Bags

CLY 420 GB-112	11"	280mm	229 x 356	0.4
CLY 420 GB-114	14"	355mm	229 x 406	0.5
CLY 420 GB-116	16"	405mm	229 x 457	0.6
CLY 420 GB-118	18"	455mm	229 x 508	0.7

#### Canvas Glove & Protector Bags

CLY 420 GB-114P	14"	355mm	229 x 406	0.5
CLY 420 GB-116P	16"	405mm	229 x 457	0.6
CLY 420 GB-118P	18"	455mm	229 x 508	0.7



CLY 555 07451



CLY 555 156-6



CLY 555 ILPG10



Protected Gloves



CLY 420 GB-114P



CLY 420 GB-116

# CLYDESDALE

Powering the Future

## Clydesdale Ltd

Wally Sample House, 3 Sunbeam Road  
Woburn Road Industrial Estate  
Kempston, Bedfordshire  
MK42 7BZ, United Kingdom

t: +44(0)1234 855855

f: +44(0)1234 855800

e: sales@clydesdale.net

www.clydesdale.net

Underground Cable Installation

Overhead Line Construction

Insulated Tools

Arc Flash

Live Line Equipment & Accessories

Overhead Line Hardware

Cable Preparation



Other Clydesdale brochures  
are available.

Date of Preparation: June 2010

Details correct at time of going to print. Clydesdale reserves the right to alter products and specifications within this brochure without prior notice. Please confirm any detail before purchasing a product if your selection is based upon it.