

# **SF** **SPECIALISED FORCE**

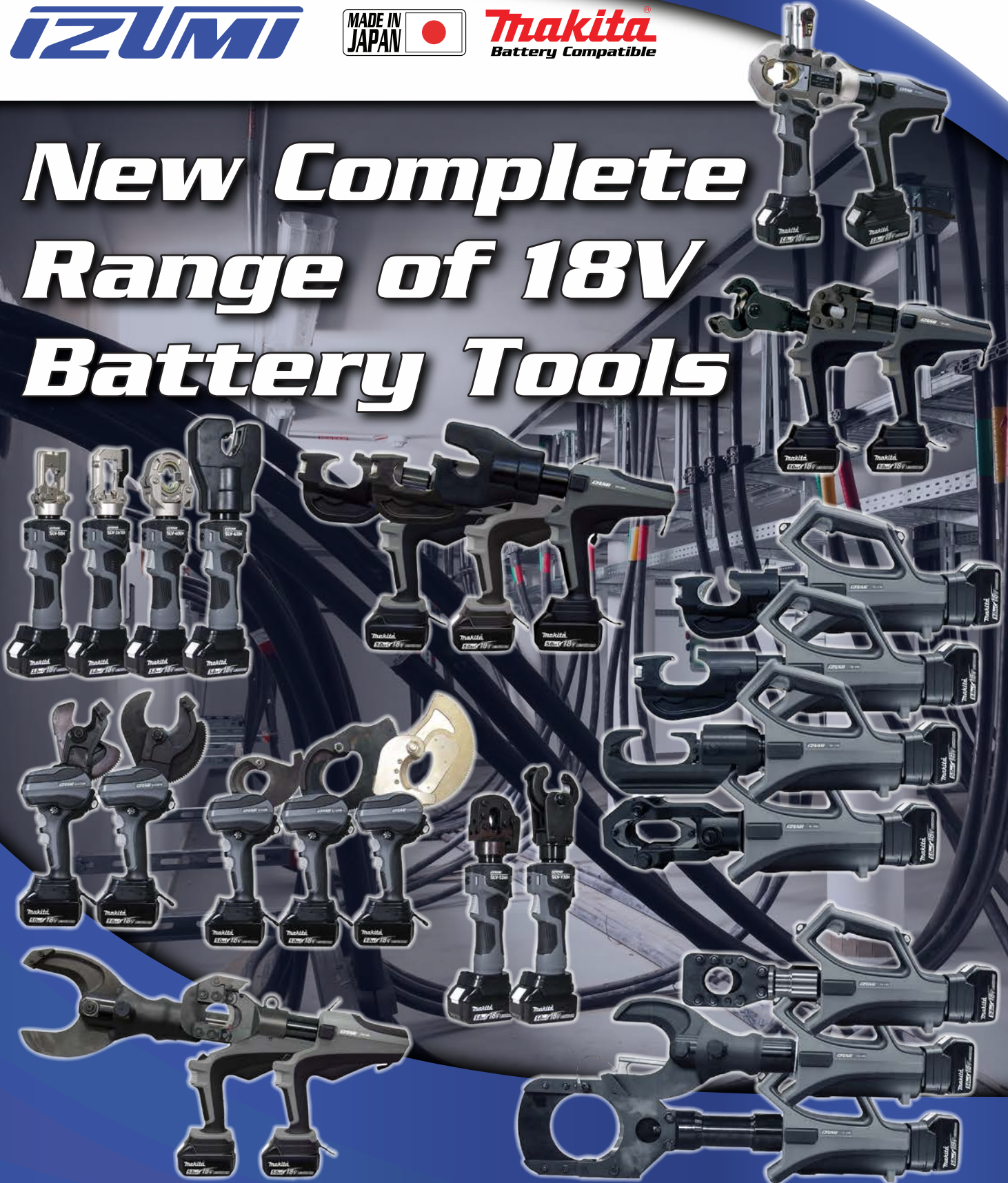
*Quality Products, Service and Solutions for 700Bar Hydraulic, Electrical, Rail & Other Key Industries.*

**ZUMI**



**Makita**  
Battery Compatible

## ***New Complete Range of 18V Battery Tools***



***specialisedforce.com.au***

**NEW AND IMPROVED IZUMI RANGE OF 7 SERIES TOOLS**



We are thrilled to announce that the 7 Series range of battery crimpers, cutters, and multitools is basically complete! The only tool not yet upgraded to the Makita platform is the proven performer SL-C510, which will soon join the 7 Series lineup as the perfect final addition.



The new 7 Series tools from Izumi seamlessly blend Japanese craftsmanship with cutting-edge technology, offering unmatched performance. Featuring an innovative brushless motor, these tools provide exceptional precision, reliability, and long-lasting power. Paired with Makita's widely available batteries, the 7 Series tools combine ultimate versatility with consistent performance.

**Key Features:**

- Brushless Motor for superior efficiency and durability
- Makita Battery Compatibility for easy access to power solutions at your local tool store
- Precision Engineering from Izumi, made in Japan, for optimal performance



7 Series tools are designed to give professionals the power, reliability, and peace of mind they need.

**INDEX**

TOOL	STYLE	HEAD TYPE	CAPACITY (Kn)	IMAGE	PAGE
CRIMPERS	INLINE	LATCHED	52 - 62		3
	INLINE	"C"	120		4
	PISTOL	"C" & DIELESS	60 - 120		5
	LUNCH BOX	"C" & LATCHED	120 - 134		6
DIES	5 TONNE SERIES 111	N/A	N/A		7
	5 TONNE CEMBRE	N/A	N/A		8
	6 TONNE ROUND	N/A	N/A		9
	12 TONNE	N/A	N/A		10 - 13
CUTTERS	INLINE	Guillotine & Scissor	65 - 87		14
	RATCHET	SCISSOR	N/A		15
	RATCHET	RATCHET	N/A		16
	PISTOL	Guillotine & Scissor	60 - 124		17
	LUNCH BOX	Guillotine & Scissor	120 - 135		18
MULTITOOLS	INLINE & PISTOL	N/A	N/A		19 - 21





**NEW INLINE 18V IZUMI 7 SERIES INLINE CRIMPERS**

**OVERVIEW**

The Izumi SLV Series portable, lightweight, fully automatic, self-contained battery-operated compression tool makes it easy to access tight cable joints in narrow control panels. The control buttons can be activated with just one hand, leaving the other hand free to hold the working material.

**FEATURES**

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- Ergonomic Design for One-Hand Operation
- 180-Degree Swivel Head
- Pull Pin Head Design
- LED Light to Illuminate Working Area
- Switch Lever to Change Auto Retract/Manual
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001



<b>SLV-50M</b> Inline "Latched" Head	<b>SLV-261EM</b> Inline "Latched" Head	<b>SLV-60EM</b> Inline "Latched" Head	<b>SLV-630M</b> Inline Dieless
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**STANDARD ACCESSORIES**

- Wrist Strap
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
<b>BL1850B</b>	Makita 18v 5.0Ah Battery
<b>DC18RC</b>	Makita 230V Battery Charger
<b>DM18M</b>	Makita to Milwaukee Battery Adaptor



**SPECIFICATIONS**

Kit Model No.	Style	Jaw Opening (mm)	DIES type	DIES refer to page/s	Force (Kn)	Capacity (mm <sup>2</sup> )		Dimensions (mm)	Weight inc. BL1850B Battery (kg)
						AL	CU		
<b>SLV-50M(BB)</b>	Inline Latched	13	#111	7	52	120	150	105 L x 364 H x 76 W	2.9
<b>SLV-261EM(BB)</b>	Inline Latched	15	CEMBRE	8	52	150	185	105 L x 364 H x 76 W	2.9
<b>SLV-60EM(BB)</b>	Inline Latched	18	ROUND	9	60	185	240	115 L x 415 H x 83 W	3.6
<b>SLV-630M(BB)</b>	Inline Dieless	N/A	DIELESS	N/A	61.5	10 - 240		135 L x 431 H x 76 W	4.5

NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Crimper, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.

**CRIMPERS, CUTTERS & MULTITOOLS**

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## A PROVEN PERFORMER 14.4V INLINE CRIMPER 12T



### OVERVIEW

The Izumi SL streamline series hydraulic crimpers were designed for crimping in tight spaces such as switchboards and panels or pre-existing cable termination points. They accept standard 12 tonne "C" compression dies. Despite their lightweight "in-line" compact design, their performance is still equivalent to that of the pistol style Series 6 tools. The number of times crimping can be completed has increased with the inclusion of 4.0 AH BP-84LI batteries.

### FEATURES

- The SL-510 is the latched head version of the SL-C510
- Compress conductors up to 400mm<sup>2</sup>
- Rapid ram advance mechanism
- Right or left handed operation
- 180° swivel head (SL-C510)
- Manufactured under ISO 9001
- 14.4VDC 4.0Ah Lithium-Ion Batteries with press charge indicator
- 12/24VDC-230VAC charger included ("CC" kit models)
- Sliding pin with lock function prevents head from opening accidentally

### STANDARD ACCESSORIES

- Wrist Strap
- Carry Case

### SPECIFICATION

Kit Model No.	SL-C510(CC)
Style	In-Line
Head Type	C
Jaw Opening	42mm
Force	120 (Kn)
Capacity	Max. 300 mm AL Max. 400 mm CU
Dimensions (mm)	521 L x 150 H x 101 W
Reservoir Capacity	153 (cc)
Wt Inc Battery	7.3 (kg)

### COMPATIBLE DIES REFER TO PAGES 10 - 13

- 12T Dies 6.0-400mm<sup>2</sup> CU
- 12T Dies 6.0-300mm<sup>2</sup> AL

### ORDERING INFORMATION

Model No.	Description
BP-84LI	• 1 x Battery Only
CH-120	• 1 x Charging Base, • 1 x DC Charge Adaptor 12/24VDC • 1 x AC Charge Adaptor 230VAC
SL-C510	• In-Line Battery Powered Compression Tool only
SL-C510(CC)	• In-Line Battery Powered Compression Tool • 2 x Batteries (BP-84LI) • 1 x Charger (CH-120)



**SL-C510**  
In-Line "C" Head

### 14.4V BATTERY & 230VAC/12/24VDC CHARGER

Battery Level LED Indicator



**6 & 12 TONNE BATTERY HYDRAULIC CRIMPERS**



**OVERVIEW**

The S7G Series Battery Hydraulic Crimpers include a 6-tonne dieless model and two 12-tonne models designed for use with industry-standard 12-tonne dies. These tools are used for applying compression Lugs, Links, Full-Tension & Non-Tension sleeves to a variety of conductor sizes & types, including Copper (CU), Aluminium (AL), ACSR, ABC and a variety of other cables and conductors

**FEATURES**

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- Quick release die retainer
- 270° Swivel head
- OH&S compliant - no retract pinch point
- Well balanced design suitable for overhead, underground and switchboard applications
- Manual retract button does not rely on battery
- Retract stop feature for multiple crimping
- Ergonomically designed & balanced body for operator comfort
- These tools are fitted with rubber cover to prevent accidental flashover (not rated).
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001

**STANDARD ACCESSORIES**

- Shoulder Strap
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
BL1850B	Makita 18v 5.0Ah Battery
DC18RC	Makita 230V Battery Charger
DM18M	Makita to Milwaukee Battery Adaptor

**SPECIFICATIONS**

Kit Model No.	Style	Jaw Opening (mm)	DIES type	DIES refer to page/s	Force (Kn)	Capacity (mm <sup>2</sup> )		Dimensions (mm)	Weight inc. BL1850B Battery (kg)
						AL	CU		
S7G-C431M(BB)	Pistol "C" Head	31	12T	10 -13	120	300	300	413 L x 286 H x 92 W	7.4
S7G-C510M(BB)	Pistol "C" Head	42	12T	10 - 13	120	300	400	436 L x 286 H x 92 W	7.8
S7G-630M(BB)	Pistol Dieless	18	Dieless	N/A	60	10-240		401 L x 298 H x 82 W	5.8

NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Crimper, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.



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12 - 15 TONNE BATTERY HYDRAULIC CRIMPERS



**OVERVIEW**

The S7L Series Battery Hydraulic Crimpers provide faster advance and retraction speeds than previous generation tools. The patent-pending Auto-Retract feature offers a user-selectable ON/OFF switch for manual or automatic retraction. The new ergonomic grip enhances comfort for both "on-ground" and "hold-on" operations. Portability and handling have been improved, and the crimper now features a larger handle opening with a rocker-type advance/retract switch located on top for convenient one-finger trigger operation. The handle opening and rocker switch are designed to accommodate gloved hands. Additionally, the tool incorporates a built-in foot base with finger indents for easier handling when using both hands.

**FEATURES**

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- 270° Swivel head
- Manual retract button does not rely on battery
- LED Light to Illuminate Working Area
- Ergonomic Design
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001

**15T DIES**

15 Tonne Hex Die-Set Suits S7L-610M & S7L-C610M				
Model No.	mm <sup>2</sup>	A/F	Material	Crimp Width
15T-26.0AFCU	300	26.0	CU	10.5mm
15T-28.1AFCU	400	28.1	CU	8.5mm
15T-31.0AFCU	500	31.0	CU	7.2mm
15T-37.0AFCU	630	37.0	CU	6.2mm
15T-39.0AFAL	400/500	39.0	AL	16.5mm



**15T-PU-ADAPTOR** Accepts existing 12 tonne Standard Dies Nest/Indent & "C" connector Dies.

**STANDARD ACCESSORIES**

- Shoulder Strap
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
BL1850B	Makita 18v 5.0Ah Battery
DC18RC	Makita 230V Battery Charger
DM18M	Makita to Milwaukee Battery Adaptor



DC18RC

BL1850B

DM18M

**SPECIFICATIONS**

Kit Model No.	Style	Force (kN)	Jaw Opening (mm)	DIES type	DIES refer to page/s	Capacity (mm <sup>2</sup> )		Dimensions (mm)	Weight inc. BL1850B Battery (kg)
						AL	CU		
S7L-431M(BB)	Lunch Box "C" Head	120	31	12T	10 - 13	300	300	486 L x 263 H x 92 W	7.7
S7L-510M(BB)	Lunch Box "C" Head	120	42	12T	10 - 13	300	400	508 L x 263 H x 92 W	8.0
S7L-C610M(BB)	Lunch Box "C" Head	134	50	15T	10 - 13	400/500	630	574 L x 263 H x 108 W	10.6
S7L-610M(BB)	Lunch Box Latched	134	50	15T	10 - 13	400/500	630	542 L x 263 H x 94 W	9.0

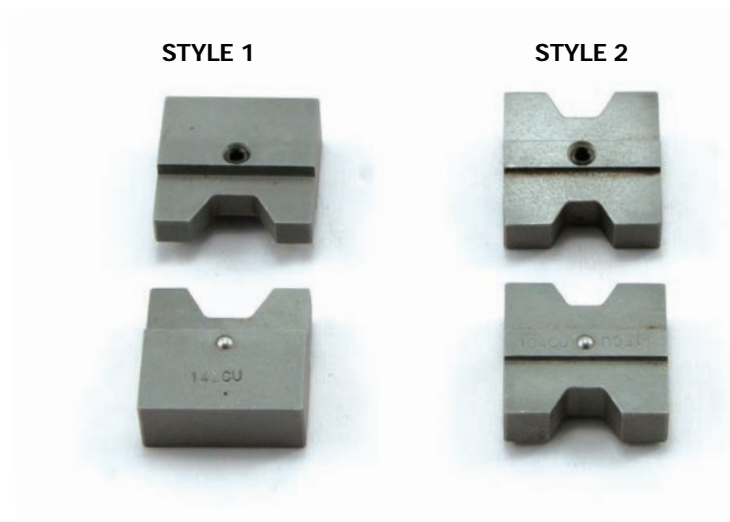
NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Crimper, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.

**DIES 5 TONNE SERIES 111 (TO SUIT SLV-50M INLINE CRIMPER)**



Model No.	Dimensions Of Hex Die (mm)		Style	Application
	A/F	Crimp Length		
<b>Copper</b>				
5T-111-5763CU/1	5.7	12	2	10 mm <sup>2</sup> Cu (Lugs & Links)
	6.3			16 mm <sup>2</sup> Cu (Lugs & Links)
5T-111-7792CU/1	7.7	12	2	25 mm <sup>2</sup> Cu (Lugs & Links)
	9.2			35 mm <sup>2</sup> Cu (Lugs & Links)
5T-111-104115CU/1	10.4	9	2	50 mm <sup>2</sup> Cu (Lugs & Links)
	11.5			70 mm <sup>2</sup> Cu (Lugs & Links)
5T-111-142CU/1	14.2	6	1	95 mm <sup>2</sup> Cu (Lugs & Links)
5T-111-165CU/1	16.5	6	1	120 mm <sup>2</sup> Cu (Lugs & Links)
5T-111-148CU/1	14.8	6	1	19/2.00 OH
5T-111-183CU/1	18.3	5	1	150 mm <sup>2</sup> Cu (Lugs & Links)
5T-111-200CU/1	20.0	5	1	185 mm <sup>2</sup> Cu (Lugs & Links)
<b>Aluminium</b>				
5T-111-140173AL/1	14.0	9	2	25mm ABC
	17.3			35-70mm ABC
5T-111-180190AL/1	18.0	9	2	Full tension sleeve on 7/3.00 and 7/3.75
	19.0			Full tension sleeve on 7/4.50
5T-111-210AL/1	21.0	9	1	Non tension sleeve on 19/3.75 also 120 mm CCT
5T-111-215AL/1	21.5	9	1	95-150mm ABC
5T-111-220AL/1	22.0	9	1	Full tension sleeve on 19/3.75

Each die has dual markings cable size mm<sup>2</sup> and A/F hex.  
Note: Each die set consists of 2 pieces



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## DIES 5 TONNE CEMBRE (TO SUIT SLV-261EM INLINE CRIMPER)



Model No.	A/F Dimension	Description	Tool
<b>Aluminium</b>			
5T-M90-50	9.00mm	9.0 AF AL	SLV-261EM
5T-M132-50	13.20mm 50-70mm <sup>2</sup>	13.2 AF AL	SLV-261EM
5T-M140-50	14.00mm 7/2.25 UTILUX 25mm <sup>2</sup> ABC	14.0 AF AL	SLV-261EM
5T-M173-50	17.30mm 95-120mm <sup>2</sup>	17.3 AF AL	SLV-261EM
5T-M215-50	21.50mm 150-185mm <sup>2</sup> UTILUX 35-70mm <sup>2</sup> ABC	21.5 AF AL	SLV-261EM
5T-M220-50	22.00mm 19/3.25 CABAC 95-120mm <sup>2</sup> ABC	22.0 AF AL	SLV-261EM
<b>Copper</b>			
5T-M63-50	6.30mm 16mm <sup>2</sup>	6.3 AF CU	SLV-261EM
5T-M77-50	7.70mm 25mm <sup>2</sup>	7.7 AF CU	SLV-261EM
5T-M87-50	8.70mm SPECIAL	8.7 AF CU	SLV-261EM
5T-M92-50	9.20mm 35mm <sup>2</sup>	9.2 AF CU	SLV-261EM
5T-M96-50	9.60mm 7/2.00 & 7/2.03	9.6 AF CU	SLV-261EM
5T-M104-50	10.40mm 50mm <sup>2</sup>	10.4 AF CU	SLV-261EM
5T-M115-50	11.50mm 70mm <sup>2</sup>	11.5 AF CU	SLV-261EM
5T-M142-50	14.20mm 95mm <sup>2</sup>	14.2 AF CU	SLV-261EM
5T-M148-50	14.80mm 19/2.00 O/HEAD 19/2.11	14.8 AF CU	SLV-261EM
5T-M165-50	16.50mm 120mm <sup>2</sup>	16.5 AF CU	SLV-261EM
5T-M183-50	18.30mm 150mm <sup>2</sup>	18.3 AF CU	SLV-261EM
5T-M190-50	19.00mm SPECIAL	19.0 AF CU	SLV-261EM
5T-M200-50	20.00mm 185mm <sup>2</sup>	20.0 AF CU	SLV-261EM
<b>Cutting Die</b>			
5T-MB52-50	10.00mm CUT	STAY WIRE CUTTING DIE 10.0mm O.D.	SLV-261EM



CRIMPERS, CUTTERS & MULTITOOLS

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**6 TON ROUND DIES**



**SUITS KLAUKE EK425, IZUMI SLV-ND, SLV-60EM  
DOES NOT SUIT IZUMI 5 TONNE TOOLS**

**COPPER**

Model No.	Dimensions Of Hex Die (mm)		Conductor Details (mm <sup>2</sup> )
	A/F	Crimp Length	
6T-6.3AFCU	6.3	6.0	16
6T-7.7AFCU	7.7	10.0	25
6T-9.2AFCU	9.2	10.0	35
6T-10.4AFCU	10.4	9.0	50
6T-11.5AFCU	11.5	9.0	70
6T-14.2AFCU	14.2	6.0	95
6T-16.5AFCU	16.5	6.0	120
6T-18.3AFCU	18.3	5.0	150
6T-20.0AFCU	20.0	5.0	185
6T-23.1AFCU	23.1	5.0	240
6T-CUSET240	<b>COPPER DIE SET</b>	<b>INCLUDES ALL DIES ABOVE</b>	

**ALUMINIUM**

Model No.	Dimensions Of Hex Die (mm)		Conductor Details (mm <sup>2</sup> )
	A/F	Crimp Length	
6T-9.0AFAL	9.0	12.0	10-35
6T-13.2AFAL	13.2	12.0	50-70
6T-22.0AFAL	22.0	9.0	150-185

**ABC - PRE-INSULATED SLEEVES**

Model No.	Dimensions Of Hex Die (mm)		Conductor Details (mm <sup>2</sup> )
	A/F	Crimp Length	
6T-14.0AFALABC	14.0	9.0	25
6T-17.3AFALABC	17.3	9.0	35-70
6T-21.5AFALABC	21.5	9.0	95-150



**6T-CUSET240**

**CRIMPERS, CUTTERS & MULTITOOLS**

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**DIES ALUMINIUM 12 TONNE**

Suitable for ALL brands of 12T Battery, Manual & Remote Head Hydraulic Compression Tools

Model No.	Hex A/F	Length Of Crimp Face	Conductor Details
<b>Aluminium</b>			
12T-9.0AFAL	9.0 mm	22.0 mm	6-35 mm <sup>2</sup>
12T-13.2AFAL	13.2 mm	22.0 mm	50-70 mm <sup>2</sup>
12T-17.3AFAL	17.3 mm	22.0 mm	95-120 mm <sup>2</sup>
12T-21.0AFAL	21.0 mm	18.0 mm	150-185 mm <sup>2</sup> UTILUX
12T-22.0AFAL	22.0 mm	18.0 mm	150-185 mm <sup>2</sup> CABAC
12T-28.4AFAL	28.4 mm	18.0 mm	240-300 mm <sup>2</sup>
<b>Overhead</b>			
12T-14.0AFAL	14.0 mm	22.0 mm	7/2.25 UTILUX
12T-14.5AFAL	14.5 mm	22.0 mm	7/2.50
12T-18.0AFAL	18.0 mm	22.0 mm	7/3.00 & 7/3.75 CABAC
12T-18.3AFAL	18.3 mm	22.0 mm	
12T-19.0AFAL	19.0 mm	22.0 mm	7/4.50 CABAC
12T-22.0AFAL	22.0 mm	18.0 mm	19/3.25 CABAC
12T-26.2AFAL	26.2 mm	18.0 mm	19/3.75 CABAC
12T-30.3AFAL	30.3 mm	18.0 mm	19/4.75
<b>ABC</b>			
12T-14.0AFALABC	14.0 mm	9.0 mm	25 mm <sup>2</sup> ABC
12T-17.3AFALABC	17.3 mm	9.0 mm	35 - 70 mm <sup>2</sup> ABC
12T-21.5AFALABC	21.5 mm	9.0 mm	95 - 150 mm <sup>2</sup> ABC
12T-25.0AFALABC	25.0 mm	8.0 mm	ABC
<b>Specials</b>			
12T-7.7AFAL	7.7 mm	25.0 mm	
12T-16.5AFAL	16.5 mm	22.0 mm	
12T-21.5AFAL	21.5 mm	18.0 mm	
12T-24.9AFAL	24.9 mm	18.0 mm	
12T-30.0AFAL	30.0 mm	18.0 mm	
<b>Steel</b>			
12T-7.5AFST	7.5 mm	10 mm	INNER STEEL (ACSR)
12T-9.5AFST	9.5 mm	10 mm	INNER STEEL (ACSR)

Nest & Indent Sizes For "UG" Aluminium Sector Cable				
Conductor Size	3 Core		4 Core	
	Nest	Indent	Nest	Indent
70mm <sup>2</sup>	12T-12NEST	12T-INDENT14	12T-14NEST	12T-INDENT14
95mm <sup>2</sup>	12T-12NEST	12T-INDENT15	12T-14NEST	12T-INDENT15
120mm <sup>2</sup>	12T-12NEST	12T-INDENT16	12T-14NEST	12T-INDENT16
150mm <sup>2</sup>	12T-12NEST	12T-INDENT17	12T-15NEST	12T-INDENT17
185mm <sup>2</sup>	12T-12NEST	12T-INDENT18	12T-15NEST	12T-INDENT18
240mm <sup>2</sup>	12T-12NEST	12T-INDENT19	12T-15NEST	12T-INDENT19
300mm <sup>2</sup>	12T-12NEST	12T-INDENT20	12T-15NEST	12T-INDENT20

CUTTING DIE	Description
12T-CUTTINGDIE	Guy Wire/Guy Strand/EHS Guy Wire, ACSR/AL/CU Ground Rod & Soft Steel Bolts 16mm (5/8") 17.5mm 16mm (5/8")

**PLEASE NOTE:** THIS CHART IS A GUIDE ONLY, PLEASE CHECK WITH YOUR LUG/LINK MANUFACTURER FOR AF SIZES



**STEEL STORAGE BOX WITH FOAM INSERT**  
(15 DIE CAPACITY)  
MODEL No. 12T-METAL-BOX



**PLASTIC STORAGE BOX ALSO AVAILABLE**  
(18 DIE CAPACITY)  
MODEL No. 12T-BOX



**DIES ALUMINIUM & SETS 12 TONNE**

Suitable for ALL brands of 12T Battery, Manual & Remote Head Hydraulic Compression Tools

Model No.	Hex A/F	Length Of Crimp Face	Conductor Details
<b>Copper</b>			
12T-4.4AFCU	4.4 mm	6.35 mm	6 mm <sup>2</sup>
12T-5.7AFCU	5.7 mm	6.35 mm	10 mm <sup>2</sup>
12T-6.3AFCU	6.3 mm	17.5 mm	16 mm <sup>2</sup> *
12T-7.7AFCU	7.7 mm	17.5 mm	25 mm <sup>2</sup> *
12T-9.2AFCU	9.2 mm	17.5 mm	35 mm <sup>2</sup> *
12T-10.4AFCU	10.4 mm	17.5 mm	50 mm <sup>2</sup> *
12T-11.5AFCU	11.5 mm	17.5 mm	70 mm <sup>2</sup> *
12T-14.2AFCU	14.2 mm	17.5 mm	95 mm <sup>2</sup> *
12T-16.5AFCU	16.5 mm	14.0 mm	120 mm <sup>2</sup> *
12T-18.3AFCU	18.3 mm	14.0 mm	150 mm <sup>2</sup> *
12T-20.0AFCU	20.0 mm	14.0 mm	185 mm <sup>2</sup> *
12T-23.1AFCU	23.1 mm	10.0 mm	240 mm <sup>2</sup> *
12T-26.0AFCU	26.0 mm	10.0 mm	300 mm <sup>2</sup> *
12T-28.1AFCU	28.1 mm	8.0 mm	400 mm <sup>2</sup> **
<b>Overhead</b>			
12T-8.3AFCU	8.3 mm	9.0 mm	7/1.63 & 7/1.70
12T-9.6AFCU	9.6 mm	9.0 mm	7/2.00 & 7/2.03
12T-11.5AFCU	11.5 mm	9.0 mm	7/2.62
12T-13.0AFCU	13.0 mm	17.5 mm	37/0.64 19/2.11
12T-14.8AFCU	14.8 mm	9.0 mm	19/2.0 & 19/2.11
12T-19.3AFCU	19.3 mm	14.0 mm	19/2.57
<b>Copper Screen</b>			
12T-12.7AFCU	12.7 mm	14.0 mm	185mm <sup>2</sup> TRIPLEX
12T-7.5AFCU	7.5 mm	16.0 mm	35mm <sup>2</sup> TRIPLEX
<b>Specials</b>			
12T-8.7AFCU	8.7 mm	17.5 mm	SPECIAL



**STEEL STORAGE BOX WITH FOAM INSERT**  
(15 DIE CAPACITY)  
MODEL No. 12T-METAL-BOX



**PLASTIC STORAGE BOX ALSO AVAILABLE**  
(18 DIE CAPACITY)  
MODEL No. 12T-BOX

**DIE SETS 12 TONNE**

Suitable for ALL brands of 12T Battery, Manual & Remote Head Hydraulic Compression Tools

Individual Die Ordering Codes →	Copper											Aluminium						
	12T-6.3AFCU	12T-7.7AFCU	12T-9.2AFCU	12T-10.4AFCU	12T-11.5AFCU	12T-14.2AFCU	12T-16.5AFCU	12T-18.3AFCU	12T-20.0AFCU	12T-23.1AFCU	12T-26.0AFCU	12T-28.1AFCU	12T-9.0AFAL	12T-13.2AFAL	12T-17.3AFAL	12T-21.0AFAL	12T-22.0AFAL	12T-28.4AFAL
Hex A/F (mm)	6.3	7.7	9.2	10.4	11.5	14.2	16.5	18.3	20	23.1	26	28.1	9	13.2	17.3	21	22	28.4
Length Of Crimp Face (mm)	17.5	17.5	17.5	17.5	17.5	17.5	14	14	14	10	10	8	22	22	22	18	18	18
Conductor Details (mm <sup>2</sup> )	16	25	35	50	70	95	120	150	185	240	300	400	6-35	50-70	95-120	150-185 UTILUX	150-185 CABAC	240-300
Die Set Ordering Codes ↓	Case	Pcs	Below are the individual dies included in the given Die Set, indicated with a ✓															
12T-CUSET-MB	Metal	11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
12T-CUSET	Plastic	11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
12T-CUSET-MB400HB	Metal	12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
12T-CUSET400	Plastic	12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
12T-ALCUSET-MB	Metal	18	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12T-ALSET	Plastic	6											✓	✓	✓	✓	✓	✓
12T-ALSET-MB	Metal	6											✓	✓	✓	✓	✓	✓

CRIMPERS, CUTTERS & MULTITOOLS

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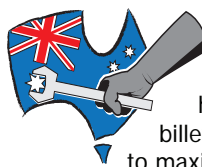


## MODEL No. 12T- SERIES COPPER "C" CONNECTOR DIES



Die sets are for Copper "C" Connectors which are "C" shaped copper sections for terminating main and tap copper conductors. Our dies are made to the same specifications as Burndy, Cabac and Dulmison/PLP (Preformed Line Products). We also supply a range of Utilux die sets for copper conductor terminations.

SF Model No	Equivalent to		
	Burndy	Cabac	Dulmison/PLP
12T-U1011	U1011	HT130-C1011	-
12T-U997	U997	HT130-C997	-
12T-UC	UC	HT130-CC	-
12T-UO & 12T-DU1315	UO	HT130-CO	DU1315

**"AUSTRALIAN MADE"**  
 Cutting dies manufactured in Australia from high tensile steel billets and heat treated to maximise strength and durability.



12T-U1011



12T-U997




12T-UC




12T-UO & 12T-DU1315


## DIES FOR "YGHC" STYLE EARTHING CONNECTORS

CAT NO.	COPPER CONDUCTOR RANGE		SF Model No	IMAGE
	TAP mm2	RUN mm2		
YGHC2C2	10~35	10~35	U-C	
YGHC26C2	50~70	16~35	U-O	
YGHC26C26	50~70	50~70	U-O	
YGHC29C26	95~150	16~70	U-997	
YGHC29C29	95~150	95~120	U-997	
YGHC34C26	150~240	10~70	U-1011	
YGHC34C29	150~240	95~120	U-1011	
YGHC34C34	150~240	150~240	U-1011	

## DIES FOR "YGHR" STYLE EARTHING CONNECTORS

CAT NO.	COPPER CONDUCTOR RANGE		SF Model No	IMAGE
	TAP mm2	RUN mm2		
YGHR2612	10~35	10~35	U-C	
YGHR26C58	50~70	16~35	U-O	
YGHR26C34	50~70	50~70	U-O	
YGHR26C100	95~150	16~35	U-997	
YGHR29C12	95~150	50~70	U-997	
YGHR29C58	95~150	95~150	U-997	
YGHC34C29	150~240	95~120	U-1011	
YGHC34C34	150~240	150~240	U-1011	

## DIES FOR "YGHP" STYLE EARTHING CONNECTORS

CAT NO.	COPPER CONDUCTOR RANGE		SF Model No	IMAGE
	TAP mm2	RUN mm2		
YGHP2C2	10~35	10~35	U-O	
YGHP29C2	15~120 (13-15mm ROD)			
YGHP29C26		50~70	U-997	
YGHP29C29		95~120	U-997	
YGHP34C2	150~240 (16-19mm ROD)			
YGHP34C26		50~70	U-998	
YGHP34C29		95~120	U-998	
YGHP34C34		150~240	U-1011	

**MODEL No. 12T-CUTTING DIE (MADE IN AUSTRALIA)**



**"AUSTRALIAN MADE"**  
 Cutting dies manufactured in Australia from high tensile steel billets and heat treated to maximise strength and durability.

**CAN BE USED IN**

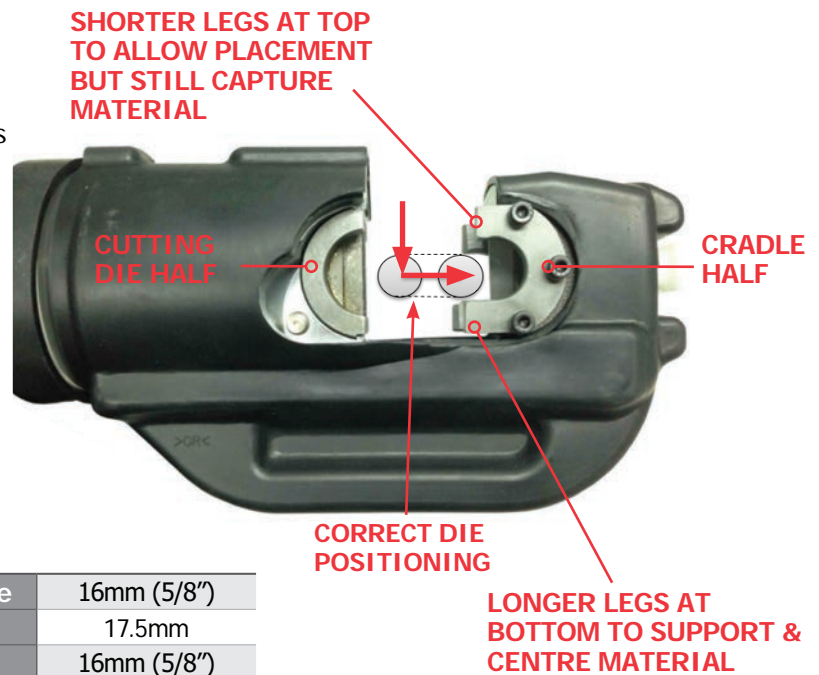
- 12 Tonne Hand Hydraulic Crimping Tools
- 12 Tonne Battery Powered Crimpers
- Remote Head Hydraulic Crimpers

**BENEFITS**

- Less costly than dedicated Cutting Tools
- Simple to install in Crimping Tools
- Require no adjustment for cutting different materials
- Heavy duty design with 6 high tensile cap screws.

**CAN CUT THE FOLLOWING MATERIALS**

Guy Wire/Guy Strand/EHS Guy Wire	16mm (5/8")
ACSR/AL/CU	17.5mm
Earth Rod & Soft Steel Bolts	16mm (5/8")



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NEW INLINE 18V IZUMI 7 SERIES INLINE CUTTERS



**OVERVIEW**

The Izumi SLV Series Portable, lightweight, versatile battery hydraulic cutters are designed for easy cutting of overhead conductors, underground cables, wires, and ropes. The operation switch is easily activated, leaving your other hand free to align and maneuver the cutting material. 7 Series models feature new electronic circuit boards and improved, powerful gear reduction magnetic motors with overload protection.

**FEATURES**

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- Ergonomic Design for One-Hand Operation
- 180-Degree Swivel Head
- Pull Pin Head Design
- LED Light to Illuminate Working Area
- Switch Lever to Change Auto Retract/Manual
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001

**STANDARD ACCESSORIES**

- Wrist Strap
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
BL1850B	Makita 18v 5.0Ah Battery
DC18RC	Makita 230V Battery Charger
DM18M	Makita to Milwaukee Battery Adaptor



Latch Style Head



SLV-S24M  
Inline Guillotine

SLV-Y30M  
Inline Scissor

**TOOL SPECIFICATIONS**

Kit Model No.	Ram Stroke (mm)	Blade Opening (mm)	Dimensions (mm)	Weight inc. BL1850B Battery (kg)
SLV-S24M(BB)	20	24	108 L x 362 H x 76 W	4.1
SLV-Y30M(BB)	40	30	109 L x 412 H x 76 W	3.9

**CUTTING SPECIFICATIONS**

Kit Model No.	Style	Force (kN)	Cuts	Opening Ø (mm)	Maximum Cutting Capacity for Material Type (mm)								
					Wire Rope	Guy Wire	Steel Bolt	Rebar	AL Strands	CU Strands	ACSR	AL Bar	CU Bar
SLV-S24M(BB)	Inline Guillotine	87	AL/CU/ACSR	24	18	20	18	16	24	24	24	20	18
SLV-Y30M(BB)	Inline Scissor	65	AL/CU/ACSR	30	-	-	-	-	20	20	14	-	-

NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Cutter, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.





**BATTERY RATCHET SCISSOR CUTTERS (MADE IN JAPAN)**

**OVERVIEW**

The Izumi S7 Series scissor ratchet-style battery cable cutters are designed for cutting both overhead and underground power cables and conductors. The scissor-style design makes it easier to access cables in tight spaces. The rocker trigger switch can be easily operated with one hand, leaving the other hand free to align and maneuver the cutting material. For added safety, the trigger includes a dead-man button to prevent accidental operation. The models feature new electronic circuit boards, improved powerful gear reduction, and brushless motors with overload protection.

**FEATURES**

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- New Auto Reverse feature for Continuous Cutting
- The auto reverse adjust knob allows the dial to adjust the reverse distance according to the cable outer diameter (O.D.)
- LED Light to Illuminate Working Area
- Ergonomic Design
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001

**STANDARD ACCESSORIES**

- Wrist Strap
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
<b>BL1850B</b>	Makita 18v 5.0Ah Battery
<b>DC18RC</b>	Makita 230V Battery Charger
<b>DM18M</b>	Makita to Milwaukee Battery Adaptor



**DC18RC**



**BL1850B**



**DM18M**



**S7-KY33M**  
Scissor Ratchet

**S7-K50YM**  
Scissor Ratchet

**TOOL SPECIFICATIONS**

Kit Model No.	Dimensions (mm)	Weight inc. BL1850B Battery (kg)
<b>S7-KY33M(BB)</b>	145 L x 365 H x 116 W	3.3
<b>S7-KY50M(BB)</b>	145 L x 380 H x 116 W	3.6

**CUTTING SPECIFICATIONS**

Kit Model No.	Style	Cuts	Opening Ø (mm)	Maximum Cutting Capacity for Material Type		
				AL	CU	ACSR
<b>S7-KY33M(BB)</b>	Scissor Ratchet	AL/CU/ACSR	<b>33</b>	33 O.D. mm	33 O.D. mm	18.6 mm
<b>S7-K50YM(BB)</b>	Scissor Ratchet	AL/CU	<b>50</b>	630mm <sup>2</sup>	500mm <sup>2</sup>	N/A

NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Cutter, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.

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## BATTERY RATCHET CUTTERS (MADE IN JAPAN)

### OVERVIEW

The Izumi S7 Series ratchet-style battery cable cutters are designed for cutting both overhead and underground power cables and conductors. The scissor-style design makes it easier to access cables in tight spaces. The rocker trigger switch can be easily operated with one hand, leaving the other hand free to align and maneuver the cutting material. For added safety, the trigger includes a dead-man button to prevent accidental operation. The models feature new electronic circuit boards, improved powerful gear reduction, and brushless motors with overload protection.

### FEATURES

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- New Auto Reverse feature for Continuous Cutting
- The auto reverse adjust knob allows the dial to adjust the reverse distance according to the cable outer diameter (O.D.)
- LED Light to Illuminate Working Area
- Ergonomic Design
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001

### STANDARD ACCESSORIES

- Wrist Strap
- Carry Case

### OPTIONAL ACCESSORIES

Model No.	Description
BL1850B	Makita 18v 5.0Ah Battery
DC18RC	Makita 230V Battery Charger
DM18M	Makita to Milwaukee Battery Adaptor



DC18RC



BL1850B



DM18M



S7-K50M  
Ratchet

S7-K65M  
Ratchet

S7-K54ACSRM  
Ratchet

### TOOL SPECIFICATIONS

Kit Model No.	Dimensions (mm)	Weight inc. BL1850B Battery (kg)
S7-K50M(BB)	145 L x 318 H x 116 W	2.9
S7-K65M(BB)	145 L x 356 H x 116 W	3.5
S7-K54ACSRM(BB)	145 L x 356 H x 116 W	5.4

### CUTTING SPECIFICATIONS

Kit Model No.	Style	Cuts	Opening Ø (mm)	Maximum Cutting Capacity for Material Type			Notes
				AL	CU	ACSR	
S7-K50M(BB)	Ratchet	AL/CU	50	630mm <sup>2</sup>	500mm <sup>2</sup>	N/A	
S7-K65M(BB)	Ratchet	AL/CU	65	630mm <sup>2</sup>	630mm <sup>2</sup>	N/A	AL (4x240mm <sup>2</sup> ) CU (4x185mm <sup>2</sup> )
S7-K54ACSRM(BB)	Ratchet	AL/CU/ ACSR	54	630mm <sup>2</sup>	500mm <sup>2</sup>	31.5 O.D. mm	ACSR Olive AL 54/3.50 Steel 7/3.50

NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Cutter, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.

**BATTERY HYDRAULIC CUTTERS (MADE IN JAPAN)**



**OVERVIEW**

The Izumi S7G Series pistol-style battery cable cutters are designed for cutting underground and overhead power cables or conductors. However, there are many other applications, as indicated in the tables below. The operation switch can be easily activated with one hand, leaving your other hand free to align and maneuver the cutting material. The trigger also includes a safety feature to prevent inadvertent operation.

**FEATURES**

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- 270° Swivel head
- Manual retract button does not rely on battery
- Ergonomic Design
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001

**STANDARD ACCESSORIES**

- Wrist Strap
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
<b>BL1850B</b>	Makita 18v 5.0Ah Battery
<b>DC18RC</b>	Makita 230V Battery Charger
<b>DM18M</b>	Makita to Milwaukee Battery Adaptor



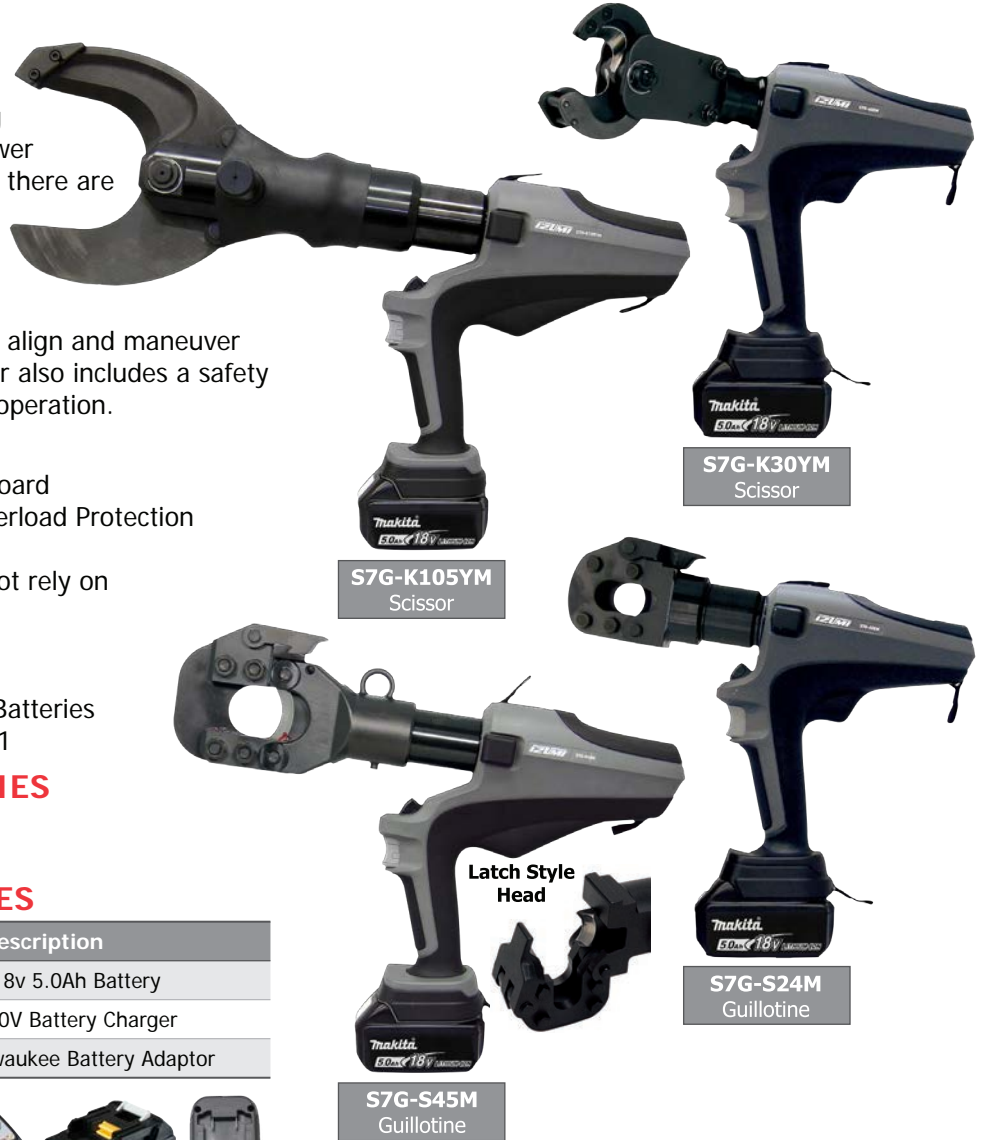
**DC18RC**



**BL1850B**



**DM18M**



**S7G-K30YM**  
Scissor

**S7G-K105YM**  
Scissor

**S7G-S24M**  
Guillotine

**S7G-S45M**  
Guillotine

**TOOL SPECIFICATIONS**

Kit Model No.	Dimensions (mm)	Weight inc. BL1850B Battery (kg)
<b>S7G-K30YM(BB)</b>	393 L x 283 H x 82 W	4.5
<b>S7G-K105YM(BB)</b>	601 L x 346 H x 92 W	8.9
<b>S7G-S45M(BB)</b>	444 L x 318 H x 92 W	6.9
<b>S7G-S24M(BB)</b>	339 L x 281 H x 82 W	5.0

**CUTTING SPECIFICATIONS**

Kit Model No.	Style	Force (kN)	Cuts	Opening Ø (mm)	Maximum Cutting Capacity for Material Type (mm)						
					Wire Rope	Guy Wire	Steel Rod/Bolt	Rebar	AL	CU	ACSR
<b>S7G-K30YM(BB)</b>	Scissor	60	AL/CU/ACSR	30	18	20	18	16	24	24	14
<b>S7G-K105YM(BB)</b>	Scissor	124	AL/CU	105	-	-	-	-	105	105	-
<b>S7G-S45M(BB)</b>	Guillotine	70	AL/CU/ACSR	45	22	16	16	-	45	45	32
<b>S7G-S24M(BB)</b>	Guillotine	85	AL/CU/ACSR	24	24	20	16	-	24	24	24

NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Cutter, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.

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**BATTERY RATCHET CUTTERS (MADE IN JAPAN)**

**OVERVIEW**

The S7L series battery hydraulic cutters can be used for cutting a variety of sizes and types of material. The guillotine-style head cuts up to 40mm in diameter, including CU, AL, ACSR, guy wire, rebar, and wire rope. The scissor-style head cuts up to 105mm in diameter, including polyethylene power cables, multi-core vinyl insulation, and CU and AL conductors.

**FEATURES**

- Upgraded electronic circuit board
- Brushless 18V motor with overload protection
- LED Light to Illuminate Working Area
- Manual retract button does not rely on battery
- Compatible with Makita 18V Batteries
- Ergonomic Design
- Made in Japan
- Manufactured under ISO 9001

**STANDARD ACCESSORIES**

- Shoulder strap
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
<b>BL1850B</b>	Makita 18v 5.0Ah Battery
<b>DC18RC</b>	Makita 230V Battery Charger
<b>DM18M</b>	Makita to Milwaukee Battery Adaptor



**TOOL SPECIFICATIONS**

Kit Model No.	Dimensions (mm)	Weight inc. BL1850B Battery (kg)
<b>S7L-S550M(BB)</b>	556 L x 263 H x 92 W	10.4
<b>S7L-K105YM(BB)</b>	670 L x 267 H x 99 W	10.5
<b>S7L-S132M(BB)</b>	822 L x 263 H x 92 W	17.3

**CUTTING SPECIFICATIONS**

Kit Model No.	Style	Force (kN)	Cuts	Opening Ø (mm)	Maximum Cutting Capacity for Material Type (mm)				
					AL	CU	ACSR	Wire Rope	Steel Rod/Bolt
<b>S7L-S550M(BB)</b>	Lunch Box Guillotine	120	AL/CU/ACSR	54	50	50	50	30	22
<b>S7L-K105YM(BB)</b>	Lunch Box Scissor	124	AL/CU	105	105	105	-	-	-
<b>S7L-S132M(BB)</b>	Lunch Box Guillotine	135	AL/CU	132	130	100	-	-	-

NOTE: For special cables or conductors contact Specialised Force and we can suggest most suitable models. To order complete kits including Cutter, two Batteries and 230VAC Charger - add the suffix (BB) to the "Kit Model No." shown in tables above.

CRIMPERS, CUTTERS & MULTITOOLS

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**6 & 12 TONNE BATTERY HYDRAULIC MULTITOOL**

**OVERVIEW**

The S7G Series Battery Hydraulic 12-tonne pistol-style multitool is also portable, lightweight, and ergonomically designed.

The SLV Series Battery Hydraulic 6-tonne Inline-style multitool is portable, lightweight, versatile, and ergonomically designed for one-handed operation, making it ideal for use in confined spaces.

With the right attachments (sold separately), these tools can be converted into many different tools, functioning as a cable crimper, cable cutter, angle steel puncher, threaded rod cutter, or knockout puncher.

**FEATURES**

- Upgraded Electronic Circuit Board
- Brushless 18V Motor with Overload Protection
- Ergonomic Design for One-Hand Operation (Inline)
- Swivel Head
- Pull Pin Head Design
- Ergonomic Design
- Made in Japan
- Compatible with Makita 18V Batteries
- Manufactured under ISO 9001

**STANDARD ACCESSORIES**

- Wrist Strap SLV Series
- Shoulder Strap S7G Series
- Carry Case

**OPTIONAL ACCESSORIES**

Model No.	Description
BL1850B	Makita 18v 5.0Ah Battery
DC18RC	Makita 230V Battery Charger
DM18M	Makita to Milwaukee Battery Adaptor



DC18RC



BL1850B



DM18M

**SPECIFICATIONS**

Model No.	SLV-NDM	S7G-MX250M
Motor	Brushless 18V	Brushless 18V
Force at Die Face	70 kN	127 kN
Head Rotation	180°	275°
Dimensions (mm)	105 L x 374 H x 80 W	346 L x 328 H x 82 W
Weight	2.9 kg with BL1850B Battery (without crimp head)	4.0 kg with BL1850B Battery (without crimp head)



S7G-MX250M  
Pistol Multitool



SLV-NDM  
Inline Multitool








Simple Spring Loaded Twist Pin Design for Changing Heads

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**CUTTING, CRIMPING & PUNCHING HEADS FOR S7G-MULTITOO**



<p><b>200AT-410 12 Tonne Crimp Head</b></p> <ul style="list-style-type: none"> <li>• Opening Between Die Faces: 17mm</li> <li>• Maximum Capacity: 300mm<sup>2</sup> (AL/CU)</li> <li>• Weight: 2.4kg</li> <li>• Accepts existing 12-ton U-type Dies</li> <li>• Refer to Page/s: <b>10-13</b> for 12T Dies</li> </ul>	<p><b>200AT-50YC Cable Cutter Attachment</b></p> <ul style="list-style-type: none"> <li>• Cutting Capacity: Up to 50mm O.D. Cable (Including Insulation)</li> <li>• Cuts nonferrous cables only</li> <li>• Weight: 1.0kg</li> </ul>	<p><b>200AT-13WT Threaded Rod Cutter Attachment</b></p> <ul style="list-style-type: none"> <li>• Cut: <ul style="list-style-type: none"> <li>• M10 or 3/8 BSW Steel or SS Threaded Rod</li> <li>• M12 or 1/2 BSW Steel or SS Threaded Rod</li> </ul> </li> <li>• Includes: 13WT-07 M12 Blade Set</li> <li>• Optional Blade Sets: <ul style="list-style-type: none"> <li>• 13WT-06 M10</li> <li>• 13WT-02 3/8 BSW</li> <li>• 13WT-05 1/2 BSW</li> </ul> </li> </ul>
		
<p><b>200AT-AP18 Angle Steel Puncher Attachment</b></p> <ul style="list-style-type: none"> <li>• Supplied with 3 sets of Punch Dies (Max capacity: 6mm Mild Steel): <ul style="list-style-type: none"> <li>• 10.5mm Diameter</li> <li>• 13.5mm Diameter</li> <li>• 17.5mm Diameter</li> </ul> </li> <li>• Size (mm): 186 L x 130 H x 67 W</li> <li>• Weight: 3.8kg</li> <li>• Throat Depth: 47mm</li> <li>• To Centre of Punch: 23.5mm</li> </ul>	<p><b>200AT-9PD Knockout Puncher Attachment</b></p> <ul style="list-style-type: none"> <li>• Punching Capacity: <ul style="list-style-type: none"> <li>• Up to 63.5 mm diameter hole in Stainless Steel</li> <li>• Up to 115.5 mm diameter hole in 3.0 mm thick Mild Steel</li> </ul> </li> <li>• Punch &amp; die, Draw Studs &amp; Spacer Collars are the same as those used for SH-10</li> <li>• 200AT-9PD Comes with Draw Studs &amp; Spacer Collars</li> <li>• Refer to SF Representative for suitable dies</li> </ul>	
		

**ORDERING INFORMATION**

Model No.	Description	S7G-MX250M	200AT-410 Crimp Head	200AT-50YC Cutting Head	200AT-13WT Cutting Head	200AT-AP18 Punching Head	200AT-9PD Punching Head	BL1850 Makita 18v 5.0Ah Battery	DC18RC Makita 230V Battery Charger
<b>S7G-MX250M</b>	12T Tool Only	1							
<b>S7G-MX250M(BB)</b>	12T Tool with Battery & Charger	1						2	1
<b>S7G-MX250M/410(BB)</b>	12T AL/CU Crimping Tool	1	1					2	1
<b>S7G-MX250M/50YC(BB)</b>	12T Cable Cutting Tool	1		1				2	1
<b>S7G-MX250M/13WT(BB)</b>	12T Threaded Rod Cutting Tool	1			1			2	1
<b>S7G-MX250M/AP18(BB)</b>	12T Steel Puncher	1				1		2	1
<b>S7G-MX250M/9PD(BB)</b>	12T Knock out Puncher	1					1	2	1

NOTE: All Tool Combinations Supplied with Case. Contact your Nearest Specialised Force Branch to Design your Own Kit.





**CUTTING & CRIMPING HEADS FOR SLV-MULTITOO**

SL-6CJ 6T Crimping Jaw:	SL-CH Cutting Jaw:	SL-ACSR Cutting Jaw:	SL-GW Cutting Jaw:
<ul style="list-style-type: none"> <li>Accommodates 6-ton round type dies for crimping Cu, Al, ACSR &amp; ABC.</li> <li>Up to 240mm<sup>2</sup> Capacity for Al, Cu and ACSR.</li> </ul>	<ul style="list-style-type: none"> <li>For cutting Al &amp; Cu.</li> <li>Cutting capacity up to 32mm OD Cu/Al (300mm<sup>2</sup>).</li> </ul>	<ul style="list-style-type: none"> <li>For cutting ACSR.</li> <li>Cutting capacity up to 20mm OD ACSR (Single Steel Core).</li> </ul>	<ul style="list-style-type: none"> <li>For cutting Al, Cu &amp; ACSR.</li> <li>Cutting capacity up to 14.3mm for Cu, Al &amp; ACSR.</li> </ul>

NOTE: Jaws are sold separately.

**CUTTING SPECIFICATIONS**

Kit Model No.	Style	Force (kN)	Cuts	Opening Ø (mm)	Maximum Cutting Capacity for Material Type (mm) *											
					Wire Rope 6x7	Wire Rope 6x12	Wire Rope 6x19	Soft Steel Bar	ReBar (400 to 500 Mpa)	Rebar (650Mpa)	AL Strands	CU Strands	ACSR	Guy Wire 1x7	Guy Wire 1x19	
SLV-ND/ACSR(BB)	Scissor	70	Al/Cu/ACSR	21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14	14	20	N/A	N/A
SLV-ND/CH(BB)	Scissor	70	Al/Cu	32	N/A	N/A	N/A	N/A	N/A	N/A	N/A	32	32	N/A	N/A	N/A
SLV-ND/GW(BB)	Scissor	70	Al/Cu/ACSR	19.5	N/A	N/A	N/A	9.3	9.3	N/A	N/A	14.3	14.3	14.3	9.3	9.3

**ORDERING INFORMATION CUTTERS**

Kit Model No.	Ram Stroke (mm)	Blade Opening (mm)	Reservoir Capacity (BB)	Dimensions (mm)	Weight Including Battery (kg)
SLV-ND/ACSR (BB)	-	21	45	554L x 110H x 80W	3.5
SLV-ND/CH(BB)	-	32	45	554L x 110H x 80W	3.5
SLV-ND/GW(BB)	-	19.5	45	554L x 110H x 8W	3.5

**ORDERING INFORMATION CRIMPERS**

Model No.	Description	SLV-NDM Tool Only	SL-6CJ Crimp Head	SL-CH AL/CU Cutting Head	SL-ACSR ACSR Cutting Head	SL-GW AL/CU/ACSR Cutting Head	BL1850 Makita 18v 5.0Ah Battery	DC18RC Makita 230V Battery Charger	6T-6mm Rounding Die	SL-CB Bending Tool
SLV-NDM	6T Tool Only	1								
SLV-NDM(BB)	6T Tool with Battery & Charger	1					2	1		
SLV-NDM/6CJ(BB)	6T Crimping Tool	1	1				2	1		
SLV-NDM/CH(BB)	6T AL/CU Cutting Tool	1		1			2	1		
SLV-NDM/6CJ/ACSR(BB)	6T Crimping & ACSR Cutting Tool	1	1		1		2	1		
SLV-NDM/ACSR(BB)	6T ACSR Cutting Tool	1			1		2	1		
SLV-NDM/GW(BB)	6T AL/CU/ACSR Cutting Tool	1				1	2	1		
SLV-NDM FENCING TOOL	6T Fencing Tool	1	1				2	1	1	
SLV-NDM/CB(BB)	6T Cable Bending Tool	1					2	1		1

NOTE: All Tool Combinations Supplied with Case. Contact your Nearest Specialised Force Branch to Design your Own Kit. Refer to Page/s: 9 for 6T Crimping Dies.

**CRIMPERS, CUTTERS & MULTITOOLS**

**www.specialisedforce.com.au**

## COMPANY PROFILE

Specialised Force Pty Ltd has been operating and expanding throughout Australia since 1982. With the Head office in Sydney, the company now operates in Brisbane, Townsville, Darwin, Adelaide, Melbourne, Perth, Port Hedland and Hobart, with additional support distribution network covering all areas throughout Australia & New Zealand for over 40 years.

Specialised Force success rests on unique knowledge of specialised hydraulic, electrical tooling equipment and other products. This includes synchronised lifting systems, torque equipment, heat exchanger, pipe maintenance equipment and overhead/underground power installation equipment. We pursue a “complete system” approach and carefully match components to ensure efficient and safe operation of equipment. In order to transform this knowledge into solutions that meet demands in different industries, the company is organised into separate business areas

### FOCUSED BUSINESS AREAS

- **ELECTRICAL** Overhead & Underground Power Installation Machinery & Equipment
- **RAIL** Maintenance, Construction and Safety Equipment
- **MINING** Jacking, Maintenance Tools & Tensioning Devices
- **OIL & GAS** Flange Maintenance, Alignment, Spreading & Torque Tools
- **CIVIL INFRASTRUCTURE** Bending, Crimping, Punching & Cutting Tools
- **INDUSTRIAL** Heavy Load Lifting/Shifting, Maintenance & Safety Equipment
- **COMMUNICATIONS** Drum Handling Equipment, Rollers & Winches
- **TRANSPORT** Jacks, Presses, Pullers, Repair Kits & Torque Tooling

#### Safety First

Specialised Force strives to provide a safe, healthy work environment that stimulates customers and employees to perform effectively, to assume responsibility and to continue to develop towards company goals. Specialised Forces vision is for zero work-related injuries.






#### Environmental Responsibility

Environmental consideration is a key element in our operations. We strive to prevent or minimize harmful effects on the environment.

#### Driven By Customer Value

Where businesses are evolving – that’s where you’ll find Specialised Force. Our range of products and solutions are used by customers worldwide and by most industries. Specialised Force offers improved efficiency, productivity and safety, which in turn boosts profitability for customers.

### OUR KEY VALUES

-  **Excellence:**  
We apply advanced technology and continually innovate and improve.
-  **Safety:**  
Zero accidents is our unwavering goal
-  **Fair Return:**  
We earn a return that fairly rewards the value we deliver
-  **Sustainability:**  
We plan and act for the future - considering our company, our customers and our world.
-  **Ethics:**  
Uncompromising integrity, honest and fairness are at the heart of our company.



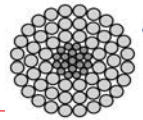
- **Established 1982**
- **Locations Australia Wide**
- **Australian Owned and Operated**

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**BARE CONDUCTORS TYPE ACSR/GZ (ALUMINIUM CONDUCTORS, GALVANISED STEEL REINFORCED MANUFACTURED TO AS 3607)**

Codename & Product Code	Stranding & Wire		Nominal OD (mm)	Cross-Sectional Area (mm <sup>2</sup> )	Approx. Mass (kg/km)	A/F Across Flats Dimension (mm)		Breaking Load (kN)
	Aluminium OD (no/mm)	Steel OD (no/mm)				A/F Aluminium Outer	A/F Steel Inner	
Almond	6/2.50	1/2.50	7.5	34.4	119	14.00	6.80	10.5
Apricot	6/2.75	1/2.75	8.3	41.6	144			12.6
Apple	6/3.00	1/3.00	9.0	49.5	171	14.00	6.80	14.9
Banana	6/3.75	1/3.75	11.3	77.3	268	18.00	9.50	22.7
Cherry	6/4.75	7/1.60	14.3	120.0	402	22.00	9.50	33.4
Grape	30/2.50	7/2.50	17.5	182.0	677	28.50	16.00	63.5
Lemon	30/3.00	7/3.00	21.0	262.0	973	34.50	17.00	90.4
Lychee	30/3.25	7/3.25	22.8	307.0	1140			105.0
Lime	30/3.50	7/3.50	24.5	356.0	1320	40.00	19.00	122.0
Mango	54/3.00	7/3.00	27.0	431.0	1440	40.00	17.00	119.0
Orange	54/3.25	7/3.25	29.3	506.0	1690	44.50	19.00	137.0
Olive	54/3.50	7/3.50	31.5	587.0	1960	47.50	19.00	159.0
Pawpaw	54/3.75	19/2.25	33.8	672.0	2240	47.50	20.00	178.0
Quince	3/1.75	4/1.75	5.3	16.8	95			12.7
Raisin	3/2.50	4/2.50	7.5	34.4	195			24.4
Sultana	4/3.00	3/3.00	9.0	49.5	243			28.3
Walnut	4/3.75	3/3.75	11.3	77.3	380			43.9

**POWER CABLE DIMENSIONAL DATA**

DIMENSIONAL DATA					DIE SIZE A/F (mm)		Cable Types									
Cross Sectional Area (mm <sup>2</sup> )	Stranding (No / Wire Diameter Ø mm)	OD of Conductor (mm)	Imperial Equivalent (No/Wire Diameter Ø)	AWG Size (American Wire Gauge)	Cu Die (A/F)	Al Die (A/F)	PVC	Insulated Sheathed	XLPE / PVC	Multiple Core Cables (0.6/1kV)				XLPE / URD	Name	
							•	•	•	••	•••	••••	••••	Cores		
										✓	✓	✓			Earth	
1	1/1.13 7/0.40	1.1 1.2	1/.044	18	-	-	3.0	4.0	-	10.0	-	-	-			
1.5	1/1.3 7/0.50	1.4 1.5	3/.029 1/.064	16	-	-	3.5	4.5	-	11.5	8.5	7.5	10.5			
2.5	7/0.67	2.0 2.0	3/.036 7/.029	14	-	-	4.0	5.0	-	12.0	8.0	11.5	12.5			
4	7/0.85	2.6	7/.036	12	-	-	4.5	6.0	-	13.5	11.5	15.5	19.0			
6	7/1.04	3.1	7/.044	9	4.4	9.0	5.5	7.0	-	14.5	12.5	16.5	15.0			
10	7/1.35	4.1	7/.052	7	5.7	9.0	6.0	8.0	-	17.0	17.0	18.5	20.0			
16	7/1.70	5.1	7/.064 19/.044	5	6.3	9.0	7.0	9.0	9.5	19.0	19.0	20.5	23.0			
25	19/1.35	6.8	19/.052	3	7.7	9.0	8.5	11.0	10.5	23.0	22.0	24.0	26.5			
35	19/1.53	7.7	19/.064	2	9.2	9.0	9.5	12.0	11.5	-	25.0	26.5	29.5			
50	19/1.7	8.9	19/.072	1/0	10.4	13.2	11.0	14.0	13.0	-	28.0	31.0	35.0			
70	19/2.14	10.7	19/.083	2/0	11.5	13.2	12.5	15.5	15.0	-	32.0	35.0	39.0			
95	37/1.7	12.5	37/.072	3/0	14.2	17.3	15.5	18.0	17.5	-	-	40.0	45.0			
120	37/2.03	14.2	37/.083	250MCM	16.5	17.3	17.5	20.5	20.0	-	-	43.5	50.0			
150	37/2.25	15.8	37/.093	300MCM	18.3	22.0	19.0	24.5	21.5	-	-	48.5	55.0			
185	37/2.52	17.6	37/.103	350MCM	20.0	22.0	21.5	26.5	23.5	-	-	54.0	61.0	43.0	47.5	
240	61/2.25	20.3	61/.093	500MCM	23.1	28.4	24.5	28.0	26.5	-	-	61.0	69.5	50.0	53.5	
300	61/2.52	22.3	61/.103	600MCM	26.0	28.4	27.0	31.0	29.5	-	-	68.0	77.0			
400	61/2.85	25.7	91/.093	800MCM	28.1	39.0	31.0	35.0	33.5	-	-	-	-			
500	61/3.20	28.8	91/.103 127/.093	1000MCM	31.0	39.0	34.5	38.5	37.0	-	-	-	-			
630	127/2.52	32.8	127/.103	1200MCM	37.0	43.2	38.0	42.5	41.5	-	-	-	-			
800	127/2.85	37.0	127/.112	-	43.2	52.5	-	-	-	-	-	-	-			
1,000	127/3.7	41.6	127/.125	-	48.0	52.5	-	-	-	-	-	-	-			



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