

The logo consists of the letters 'OHUG' in a bold, black, sans-serif font. The letters are positioned on a bright yellow rectangular background. This yellow background is partially obscured by a white, torn-paper-like border that runs vertically down the left side of the image.

The power behind electricity

OHUG Product Catalogue

Edition 01

Section 13

Cutting & Crimping Tools

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Mechanical Cutting Tools

Special Electricians Scissors

- > Ergonomical and extremely robust
- > High cutting performance
- > Loose-free screw/pin hinge

Description	Order No.	Blade	Length
Scissors with safetybox	1601 3	straight	140 mm

Attention: not suitable for work under voltage



Cable Cutter and Crimper Electricians Scissors 2K

- > To cut Cu/Al cables up to 50 mm²
- > With slot to crimp insulated or not insulated end sleeves from 0,5 to 4 mm²
- > Ergonomical and extremely robust
- > Loose-free screw/pin hinge
- > 2-component-handles

Description	Order No.	Blade	Length
Scissors with safetybox	16020-F1	straight	160 mm

Attention: not suitable for work under voltage



Universal Knife with Clappable Blade Protection

- > 1000V insulated tool
- > With replaceable standard blade (thickness 0,65mm)
- > Made of shock-proof material

Description	Order No.	Blade	Length
Cable knife	AV3910	interch. 50 mm	185 mm
Spare blade	AV3911	-	50 mm



SUITABLE TO WORK UNDER VOLTAGE



Insulated Electricians Shears

- > Adjustable screwjoint
- > High cutting performance
- > Surface treatment: burnished and polished
- > 2-component-handles

Description	Order No.	Length	Weight
Insulated electrician shears	1603 1	180 mm	100 g



SUITABLE TO WORK UNDER VOLTAGE



Side Cutter 2K

- > Very slim design with dropped forged head
- > For cutting hard and soft wire
- > Blades induction hardened
- > High cutting performance
- > Two component impact resistant insulated handles

Description	Order No.	Length	Weight
Diagonal cutting pliers 2K	1102 160	160 mm	208 g



SUITABLE TO WORK UNDER VOLTAGE



Cable Cutter D17

- > High cutting capacity for the smallest dimension
- > With adjustable screw joint
- > Special tool steel with chrome finish
- > Handles of impact resistant plastic in 2-component-design
- > Jaw opening: 17 mm

APPLICATION RANGE	max. 50 mm²		
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Cable Cutter D17	1602160	160 mm	218 g



SUITABLE TO WORK UNDER VOLTAGE



Cable Cutter D22

- > Two - stage cutting for up to 25 mm diameter conductors
- > High cutting capacity on second stage
- > Easy and clean cut with single hand use
- > With adjustable screwing joint
- > Special steel with chrome finish
- > Handles of shock-proof plastic in 2-component-design

APPLICATION RANGE	ø 25 mm / 80 mm²		
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Cable cutter D22	1602 200	200 mm	345 g

Insulated Ratchet Cable Cutter D32/D54

- > High leverage ratchet mechanism for single handed cutting of Copper and Aluminium cables leaving no burrs or sharp edges
- > Patented Two-step ratchet mechanism requires fewer strokes per cut
- > Quick release opens blades easily in every cutting position (allows removal of the cable even before complete cut, if necessary)
- > Hardened steel cutting blades for lasting strength and sharpness
- > 1000 V Plastic covered handles with hand guards for comfort and firm grip
- > Locking lever keeps handles closed for easy transport fits in a tool box or bag

Order No.	1605032	1605054	
APPLICATION RANGE	ø 32 mm/260 mm²	ø 54 mm/480 mm²	
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Ratchet cutter D32	1605 032	265 mm	650 g
Ratchet cutter 054 short	1607 054	285 mm	800 g
Ratchet cutter D54 long	1605 054	320 mm	900 g
Ratchet cutter D54 long (non ins.)	1606 054	320 mm	900 g

Ratchet Cable Cutter D54 (heavy duty version)

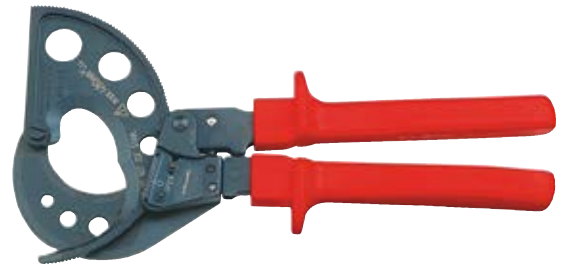
- > Same characteristics as 1605 054 above except 1000 V insulation
- > With support brackets for optimal power transmission

APPLICATION RANGE	ø 54 mm / 480 mm²		
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Ratchet cutter D54 long	MSR54	310 mm	900 g

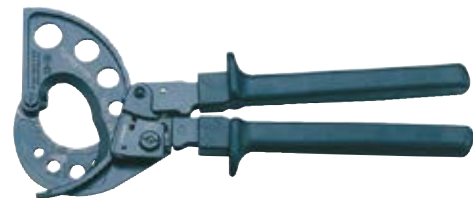
Attention: not suitable for work under voltage



SUITABLE TO WORK UNDER VOLTAGE



SUITABLE TO WORK UNDER VOLTAGE



NOT SUITABLE FOR WORK UNDER VOLTAGE



Insulated Ratchet Cable Cutter

- > Powerful two hand operation cutter
- > Double ratchet with powerful cam gearing
- > For cutting multi-stranded and fine wire cables of copper / aluminium
- > Can also cut thin steel strip cable armouring, or thin Steel Wire Armour on the outside of the cable (not suitable for hardened steel wire armoured cable)
- > Handle with multi - coat dipped insulation

Order No.	251522	251525	
APPLICATION RANGE	ø 62 mm/840 mm²	ø 80 mm/1000 mm²	
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Ratchet Cutter ø 62 mm	2515 22	420 mm	2200 g
Ratchet Cutter ø 80 mm	2515 25	550 mm	3150 g



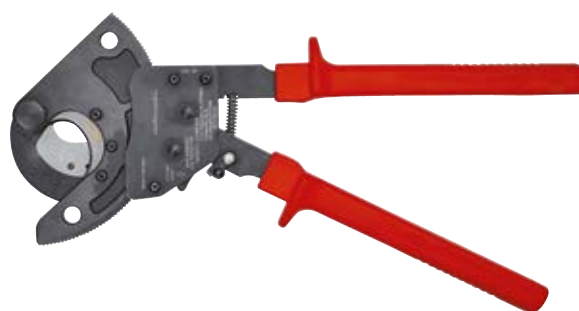
SUITABLE TO WORK UNDER VOLTAGE



Ratchet Cutter ACSR (Al/Steel) D32

- > Replaceable cutting inserts
- > High cutting capacity
- > Low effort and small handle opening enable one-hand operation
- > Progressive feed mechanism for cutting

APPLICATION RANGE	ø 32 mm / 240 mm²		
SUGGESTED APPLICATION	ACSR (Al/Steel)		
Description	Order No.	Length	Weight
Ratchet Cutter ACSR 32	1608 032	346 mm	1400 g



SUITABLE TO WORK UNDER VOLTAGE



Ratchet Cutter D32

- > Comfortable one hand tool
- > No jamming of the blade
- > Cutting can be interrupted at any point in the cut
- > Professional multi-layer dipped insulation
- > Blades can be opened by acting on spring loaded lever

APPLICATION RANGE	ø 32 mm / 240 mm²		
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Ratchet Cutter	1621 032	315 mm	1200 g
Ratchet Cutter isol.	1623 032	315 mm	1300 g



SUITABLE TO WORK UNDER VOLTAGE



Cable Cutter with Telescopic Handles

- > For smooth cutting of copper and aluminium conductors
- > Replaceable cutting head
- > The razor- sharp cutters guarantee a smooth and effortless cut
- > For copper and aluminium cables only
- > Handle with multi-coated insulation

APPLICATION RANGE	185 mm ²		
JAW OPENING	28 mm		
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Cable Cutter	2532 60	350 - 500 mm	2000 g
> Spare Blades	2537 60	-	300 g

Attention: not suitable for work under voltage

Cable Cutter

- > Cutting head made of oil-hardened steel
- > The razor-sharp blades guarantee a smooth and effortless cut
- > Light metal handles
- > Professional multi-coated insulation

Order No.	277346	277361	277380
JAW OPENING	30 mm	35 mm	60 mm
APPLICATION RANGE	120 mm ²	180 mm ²	500 mm ²
SUGGESTED APPLICATION	Copper and Aluminium		
Description	Order No.	Length	Weight
Cable Cutter	2773 46	460 mm	1430 g
> Spare Blades	2779 46		640 g
Cable Cutter	2773 61	600 mm	2070 g
> Spare Blades	2779 61		660 g
Cable Cutter	2773 80	800 mm	3800 g
> Spare Blades	2779 80		1140 g



SUITABLE TO WORK UNDER VOLTAGE



Wire Rope Cutter

- > Replaceable cutting head
- > Cutting head made of special alloyed steel
- > Square cut blades for the hardest steel wires
- > Handles made of light metal
- > Professional multi-coated insulation

Order No.	277446	277360	
JAW OPENING	10 mm	20 mm	
APPLICATION RANGE - Steel (rope)	95 mm²	150 mm²	
APPLICATION RANGE - Steel (rope)	ø 10 mm	ø 12 mm	
APPLICATION RANGE - Steel (round)	ø 7 mm	ø 9 mm	
SUGGESTED APPLICATION	Copper, Aluminium and Steel		
Description	Order No.	Length	Weight
Wire Rope Cutter	2774 46	460 mm	1340 g
> Spare Blades	2778 46		475 g
Wire Rope Cutter	2773 60	600 mm	2710 g
> Spare Blades	2778 60		910 g

Insulated Bolt Cutter

- > Chrome vanadium blade
- > Tempered steel
- > Eccentric adjustment
- > Professional multi-coated insulation

Order No.	275246	275261	275276	275291	275295
APPLICATION RANGE	ø 7 mm	ø 9 mm	ø 11 mm	ø 13 mm	ø 15 mm
SUGGESTED APPLICATION	High tensile steel ropes / bolts				
Description	Order No.	Length	Weight		
Bolt Cutter insulated	2752 46	460 mm	1400 g		
> Spare Blades	2750 47		1400 g		
Bolt Cutter insulated	2752 61	610 mm	2500 g		
> Spare Blades	2750 62		1600 g		
Bolt Cutter insulated	2752 76	760 mm	4500 g		
> Spare Blades	2750 77		1800 g		
Bolt Cutter insulated	2752 91	600 mm	6300 g		
> Spare Blades	2750 92		1800 g		
Bolt Cutter insulated	2752 95	600 mm	8000 g		
> Spare Blades	2751 07		2000 g		



SUITABLE TO WORK UNDER VOLTAGE



SUITABLE TO WORK UNDER VOLTAGE



Hacksaw

- > Made of flat steel 10 x 5 mm, galvanized
- > For 148 mm saw-blades
- > With insulated rotary handle for blade tension
- > Insulation of soft, non-brittle plastic

WIDTH OF BLADE	5 mm		
THICKNESS OF BLADE	0,80 mm		
Description	Order No.	Length	Weight
Hacksaw	4242 00	280 mm	230 g
> Spare Saw-Blade	4330 10	150 mm	3 g

Attention: not suitable for work under voltage

Hacksaw

- > Insulation of soft, non-brittle plastic
- > With insulated wing-bolt for blade tension.

WIDTH OF BLADE	13 mm		
THICKNESS OF BLADE	0,63 mm		
Description	Order No.	Length	Weight
Hacksaw / Saw-blade 4210 00	4243 00	470 mm	660 g
> Blade 22/32 teeth width 13mm, thickn. 0,63 mm	4330 10	300 mm	17 g
> Blade 18 teeth width 13mm, thickn. 0,63 mm	4210 16	300 mm	17 g
> Blade double-sided 22/32 teeth width 25mm, thickn. 0,8 mm	4219 20	300 mm	40 g

Attention: not suitable for work under voltage

Cable Sheath Saw

- > For steel strip armoured cable
- > Adjustable stopper
- > Replaceable saw-blade
- > Coarse toothed saw-blade for soft materials
- > Fine toothed saw-blade for sheet metal cutting, saw-blade no. 430805 - 24 teeth fine
- > Insulation of tough non-brittle plastic
- > On demand alternatively saw-blade 14 teeth can be supplied

Description	Order No.	Length	Weight
Cable sheat saw (24 teeth, fine)	4303 02	250 mm	140 g
> Saw-blade (14 teeth, coarse)	4308 01	120 mm	6 g
> Saw-blade (24 teeth, fine)	4308 05	120 mm	6 g

Attention: not suitable for work under voltage



Hydraulic Cutting Tools

New battery powered cutting tools

The new battery operated hydraulic cutting tools are now more ergonomic, faster and more reliable than ever



	Heads	Hand Operated	Battery Operated	Cutting max.	Application	
SERIES 25	 PS25	 HS25	 AS25	Ø 25 mm	• Steel • ACSR • Aluminium • Copper	PAGE 341-342
SERIES 40			 STILO-S	Ø 40 mm	• Aluminium • Copper	PAGE 343-344
SERIES 45	 PS45	 HS145	 AS45	Ø 45 mm	• Steel • ACSR • Aluminium • Copper	PAGE 345-346
SERIES 50	 PS50	 HS150	 AS50	Ø 50 mm	• Light armoured cables • Aluminium • Copper	PAGE 347-348
SERIES 65	 PS65		 AS65	Ø 65 mm	• Light armoured cables • Aluminium • Copper	PAGE 349-350
SERIES 85	 PS85	 HS185	 AS85	Ø 85 mm	• Light armoured cables • Aluminium • Copper	PAGE 351-352
SERIES 95	 PS95		 AS95	Ø 95 mm	• Light armoured cables • Aluminium • Copper	PAGE 353-354
SERIES 120-2	 PS120-2		 AS120	Ø 120 mm	• Light armoured cables • Aluminium • Copper	PAGE 355-356
SERIES 120	 PS120 (SK160)			Ø 120 mm	• Heavy armoured cables • Aluminium • Copper	PAGE 357

Series 25 - Max. 25 mm cutting diameter

CUTTING DIAMETER	max. Ø 25 mm
SUGGESTED APPLICATION	Steel, ACSR, Copper and Aluminium

CUTTING FORCE	60 kN
OPERATING PRESSURE	700 bar (70 MPa)

SUITABLE TO CUT HEAVY DUTY WIRE ARMoured CABLES

PS25 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump (Suggested operating pressure 700 bar/70 MPa).

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide
- > Quick male connection with automatic lock system and dust cap
- > Tool dimensions: 81 x 206 x 54 mm
- > Tool weight: 1,9 kg

Set Equipment:

- > Hydraulic cutting head
- > Soft case for cutting head

Description	Order No.	Length	Weight
Set cutting tool PS25	PS25	140 x 230 x 60 mm	ca. 2,2 kg
Fixed cutting blade	GMPS25	-	ca. 200 g
Moveable cutting blade	SMPS25	-	ca. 40 g



Soft nylon case for PS25 – ST01



GMPS25

SMPS25

Spare blades

HS25 – Hand Operated Hydraulic Cutting Tool

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide; rotates 360°
- > Quick feed with double hydraulic cylinder
- > Automatic pressure safety valve
- > Manual return in any position
- > Tool dimensions: 165 x 393 x 54 mm
- > Tool weight: 2,9 kg

Set Equipment:

- > Test report
- > Manual hydraulic cutting tool
- > Plastic case

Description	Order No.	Length	Weight
Set cutting tool HS25	HS25	440 x 190 x 80 mm	4,0 kg
Fixed cutting blade	GMPS25	-	200 g
Moveable cutting blade	SMPS25	-	40 g



Set HS25



GMPS25

SMPS25

Spare blades

AS25 – Battery Operated Hydraulic Cutting Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 359 x 75 mm
- > Tool weight: 4,2 kg (with battery)

Set Equipment:

- > Test report
- > Battery-operated hydraulic cutting tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case
- > Shoulder strap (TG2)



Description	Order No.	Length	Weight
Set cutting tool AS25	AS25	550 x 470 x 115 mm	7,6 kg
Fixed cutting blade	GMPS25	-	200 g
Moveable cutting blade	SMPS25	-	40 g



Set AS25



GMPS25

SMPS25

Spare blades

CUTTING RANGE TABLE PS25 - HS25 - AS25

Sector of use:		Tensile strength N/mm ²	<ø 9 mm	<ø 10 mm	<ø 11 mm	<ø 12 mm	<ø 13 mm	<ø 14 mm	<ø 15 mm	<ø 16 mm	<ø 17 mm	<ø 18 mm	<ø 19 mm	<ø 20 mm	<ø 21 mm	<ø 22 mm	<ø 23 mm	<ø 24 mm	<ø 25 mm	<ø 26 mm
Copper	Rope and cable	<410	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Bar	<250	•	•	•	•	•	•	•	•	•	•	•	•	•					
	Bar	<300	•	•	•	•	•	•	•	•	•	•	•	•						
Aluminium	Rope and cable	<200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Bar	<160	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	Bar	<340	•	•	•	•	•	•	•											
Aldrey	Cable	<340	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Alu/Steel	Rope	<1800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
Steel	Rope (>200 wires)	<180	•	•	•	•	•	•	•	•	•									
	Bar	<420	•	•	•	•	•	•	•											
	Tondo pieno	<600	•	•	•	•	•													
	Rope	<2200	•	•	•															

Battery operated Hydraulic Cable Cutter



Series 40 - Max. 40 mm cutting diameter

CUTTING DIAMETER	max. $\varnothing$ 40 mm	CUTTING FORCE	30 kN
SUGGESTED APPLICATION	Copper and Aluminium	OPERATING PRESSURE	550 bar (55 MPa)

STILO-S – Battery Operated Hydraulic Cutting Tool DN 40 mm

The Stilo S battery powered hydraulic cable cutter is suitable for cutting thin and multi-core aluminium and copper cables up to 40 mm in diameter.

Technical Characteristics:

- > Light and compact structure
- > Cutting head with 360° endless rotation allows easy operation even in confined spaces
- > Ergonomic 2-Component handle for fatigue-proof one handed working
- > Extreme fast working through a 3 x axial piston pump
- > Automatic return at the end of the cutting cycle
- > Emergency manual return
- > Ergonomic design provides easy operation for both left- and right-handed users
- > Mini USB-port: - Output of Cutting curves and fault messages
- > Tool dimensions: 440 x 124 x 81 mm
- > Tool weight (with battery): 2,8 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic cutting tool
- > Battery 18 V/1,5 Ah Li-Ion (RA12)
- > Battery charger (LG8)
- > USB-cable
- > Software (CD)
- > Rigid plastic case

Description	Order No.	Length	Weight
Set cutting tool STILO-S	STILO-S	450 x 500 x 140 mm	5,1 kg
Spare blades (2x blade + acc.)	SET-SMI-S	-	500 g



Set STILO-S

CUTTING RANGE TABLE STILO-S

Sector of use:		Tensile strength N/mm ²	< $\varnothing$ 30 mm	< $\varnothing$ 35 mm	< $\varnothing$ 40 mm	< $\varnothing$ 45 mm	< $\varnothing$ 50 mm	< $\varnothing$ 55 mm	< $\varnothing$ 60 mm	< $\varnothing$ 65 mm	< $\varnothing$ 70 mm	< $\varnothing$ 75 mm	< $\varnothing$ 80 mm	< $\varnothing$ 85 mm	< $\varnothing$ 90 mm	< $\varnothing$ 95 mm	< $\varnothing$ 100 mm	< $\varnothing$ 105 mm	< $\varnothing$ 110 mm	< $\varnothing$ 115 mm
Copper	Cable	<410	•	•	•															
Aluminium	Cable	<210	•	•	•															

Series 45 - Max. 45 mm cutting diameter

CUTTING DIAMETER	max. $\varnothing$ 45 mm
SUGGESTED APPLICATION	Steel, ACSR, Copper and Aluminium

CUTTING FORCE	60 kN
OPERATING PRESSURE	700 bar (70 MPa)

SUITABLE TO CUT HEAVY DUTY WIRE ARMoured CABLES

PS45 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump [Suggested operating pressure 700 bar/70 MPa].

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide
- > Quick male connection with automatic lock system and dust cap
- > Tool dimensions: 98 x 305 x 69 mm
- > Tool weight: 3,7 kg

Set Equipment:

- > Hydraulic cutting head
- > Soft case for cutting head

Description	Order No.	Length	Weight
Cutting head with case	PS45	380 x 145 x 70 mm	3,0 kg
Fixed cutting blade	GMPS45	-	120 g
Moveable cutting blade	SMPS45	-	100 g



Soft nylon case for PS45 - ST02



GMPS45

SMPS45

Spare blades

HSI45 – Hand Operated Hydraulic Cutting Tool

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide, rotates 270°
- > Quick feed with double hydraulic cylinder
- > Single hand use by innerside handle
- > Automatic pressure safety valve
- > Manual return in any position
- > Tool dimensions: 184 x 601 x 69 mm
- > Tool weight: 5,7 kg

Set Equipment:

- > Test report
- > Manual hydraulic cutting tool
- > Plastic case

Description	Order No.	Length	Weight
Set Cutting Tool	HSI45	700 x 260 x 105 mm	7,4 kg
Fixed cutting blade	GMPS45	-	120 g
Moveable cutting blade	SMPS45	-	100 g



Soft nylon case for PS45 - ST02



Spare blades

AS45 – Battery Operated Hydraulic Cutting Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 434 x 75 mm
- > Tool weight (with battery): 5,4 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic cutting tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case
- > Shoulder strap (TG2)



Set AS45

Spare blades

Description	Order No.	Length	Weight
Set Cutting tool AS45	AS45	580 x 470 x 115 mm	8,8 kg
Fixed cutting blade	GMPS45	-	120 g
Moveable cutting blade	SMPS45	-	100 g

CUTTING RANGE TABLE PS45 - HSI45 - AS45

Sector of use:		Tensile strength N/mm ²	<ø 28 mm	<ø 29 mm	<ø 30 mm	<ø 31 mm	<ø 32 mm	<ø 33 mm	<ø 34 mm	<ø 35 mm	<ø 36 mm	<ø 37 mm	<ø 38 mm	<ø 39 mm	<ø 40 mm	<ø 41 mm	<ø 42 mm	<ø 43 mm	<ø 44 mm	<ø 45 mm
Copper	Rope and cable	<410	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Alluminium	Rope and cable	<200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Bar	<340	•	•	•	•	•	•	•	•	•	•	•	•	•					
Alu/Steel	Rope	<1800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Sector of use:		Tensile strength N/mm ²	<ø 9 mm	<ø 11 mm	<ø 13 mm	<ø 14 mm	<ø 15 mm	<ø 16 mm	<ø 17 mm	<ø 18 mm	<ø 19 mm	<ø 20 mm	<ø 21 mm	<ø 22 mm	<ø 23 mm	<ø 24 mm	<ø 25 mm	<ø 26 mm	<ø 27 mm	<ø 28 mm
Copper	Bar	<250	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
Alluminium	Bar	<300	•	•	•	•	•	•	•	•	•									
	Bar	<160	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Alu/Steel	Cable	<340	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
Steel	Rope (>200 wires)	<180	•	•	•	•	•	•	•	•										
	Bar	<420	•	•	•	•	•	•												
	Bar	<600	•	•	•															
	Rope	<2200	•	•																

Series 50 - Max. 50 mm cutting diameter

CUTTING DIAMETER	max. Ø 50 mm
SUGGESTED APPLICATION	Copper and Aluminium

CUTTING FORCE	60 kN
OPERATING PRESSURE	700 bar (70 MPa)

PS50 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump [Suggested operating pressure 700 bar/70 MPa].

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide
- > Quick male connection with automatic lock system and dust cap
- > Tool dimensions: 110 x 317 x 55 mm
- > Tool weight: 2,9 kg

Set Equipment:

- > Hydraulic cutting head
- > Soft case for cutting head

Description	Order No.	Length	Weight
Cutting head with case	PS50	380 x 145 x 70 mm	3,0 kg
Fixed cutting blade	GMPS50	-	320 g
Moveable cutting blade	SMPS50	-	150 g



Soft nylon case for PS45 - ST02



GMPS45

SMPS45

Spare blades

HSI50 – Hand Operated Hydraulic Cutting Tool

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide, rotates 270°
- > Quick feed with double hydraulic cylinder
- > Single hand use by innerside handle
- > Automatic pressure safety valve
- > Manual return in any position
- > Tool dimensions: 195 x 612 x 58 mm
- > Tool weight: 5,1 kg

Set Equipment:

- > Test report
- > Manual hydraulic cutting tool
- > Plastic case

Description	Order No.	Length	Weight
Set Cutting Tool	HSI50	700 x 260 x 105 mm	6,8 kg
Fixed cutting blade	GMPS50	-	320 g
Moveable cutting blade	SMPS50	-	150 g



Set HSI50



GMPS50

SMPS50

Spare blades

AS50 – Battery Operated Hydraulic Cutting Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 445 x 75 mm
- > Tool weight (with battery): 5,4 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic cutting tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case
- > Shoulder strap (TG2)



Set AS50

Spare blades

Description	Order No.	Length	Weight
Set Cutting tool AS50	AS50	580 x 470 x 115 mm	8,8 kg
Fixed cutting blade	GMPS50	-	320 g
Moveable cutting blade	SMPS50	-	150 g

CUTTING RANGE TABLE PS50 - HSI50 - AS50

Sector of use:		Tensile strength N/mm ²	<ø 30 mm	<ø 35 mm	<ø 40 mm	<ø 45 mm	<ø 50 mm	<ø 55 mm	<ø 60 mm	<ø 65 mm	<ø 70 mm	<ø 75 mm	<ø 80 mm	<ø 85 mm	<ø 90 mm	<ø 95 mm	<ø 100 mm	<ø 105 mm	<ø 110 mm	<ø 115 mm
Copper	Cable	<410	•	•	•	•	•													
Aluminium	Cable	<210	•	•	•	•	•													

Series 65 - Max. 65 mm cutting diameter

CUTTING DIAMETER	max. Ø 65 mm	CUTTING FORCE	44 kN
SUGGESTED APPLICATION	Copper and Aluminium	OPERATING PRESSURE	700 bar (70 MPa)

PS65 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump
(Suggested operating pressure 700 bar/70 MPa).

Technical Characteristics:

- > Light and compact structure
- > Open cutting head with guide blade
- > Easy handling through open cutting head
- > Quick male connection with automatic lock system and dust cap
- > Tool dimensions: 146 x 372 x 88 mm
- > Tool weight: 4,7kg

Set Equipment:

- > Hydraulic cutting head
- > Plastic case

Description	Order No.	Length	Weight
Cutting head with case	PS65	400 x 330 x 140 mm	6,3 kg
Moveable cutting blade	SMI65	-	450 g
Knife guiding plate	MF165	-	70 g



Set PS65



Spare blade blade guide and and blades

AS65 – Battery Operated Hydraulic Cutting Tool

- Technical Characteristics:
- > 3 year warranty or 20.000 cycles
 - > Light and compact structure
 - > Cutting head with snap closure; rotates 360°
 - > High speed feed with double hydraulic cylinder
 - > Pressure release button with single handed operation (on both sides, for left and right handed operators)
 - > Fastening ring for shoulder strap
 - > Ergonomic grip for weight balance and easy and safe operation
 - > Plastic housing, grip and pressure release button, insulating and shock resistant
 - > Powerful LED for working space illumination
 - > Tool dimensions: 331 x 502 x 88 mm
 - > Tool weight (with battery): 7,6 kg

- Set Equipment:
- > Test report
 - > Battery-operated hydraulic cutting tool
 - > Battery 18 V/3,0 Ah Li-Ion (RA11)
 - > Battery charger (LG8)
 - > Rigid plastic case
 - > Shoulder strap (TG2)

Description	Order No.	Length	Weight
Set Cutting tool AS65	AS65	580 x 470 x 115 mm	11 kg
Fixed cutting blade	SMI65	-	450 g
Moveable cutting blade	MFI65	-	70 g



CUTTING RANGE TABLE PS65 - AS65

Sector of use:		Tensile strength N/mm²	<ø 30 mm	<ø 35 mm	<ø 40 mm	<ø 45 mm	<ø 50 mm	<ø 55 mm	<ø 60 mm	<ø 65 mm	<ø 70 mm	<ø 75 mm	<ø 80 mm	<ø 85 mm	<ø 90 mm	<ø 95 mm	<ø 100 mm	<ø 105 mm	<ø 110 mm	<ø 115 mm
Copper	Cable	<410	•	•	•	•	•	•	•	•										
Aluminium	Cable	<210	•	•	•	•	•	•	•	•										

Series 85 - Max. 85 mm cutting diameter

CUTTING DIAMETER	max. Ø 85 mm
SUGGESTED APPLICATION	Copper and Aluminium

CUTTING FORCE	70 kN
OPERATING PRESSURE	700 bar (70 MPa)

PS85 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump [Suggested operating pressure 700 bar/70 MPa].

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide
- > Quick male connection with automatic lock system and dust cap
- > Tool dimensions: 135 x 391 x 70 mm
- > Tool weight: 4,5 kg

Set Equipment:

- > Hydraulic cutting head
- > Plastic case

Description	Order No.	Length	Weight
Cutting head with case	PS85	465 x 370 x 110 mm	5,8 kg
Fixed cutting blade	GM85	-	150 g
Moveable cutting blade	SM85	-	250 g



Set PS85



Spare blades

HSI85 – Hand Operated Hydraulic Cutting Tool

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide, rotates 270°
- > Quick feed with double hydraulic cylinder
- > Single hand use by innerside handle
- > Automatic pressure safety valve
- > Manual return in any position
- > Tool dimensions: 203 x 697 x 64 mm
- > Tool weight: 7,3 kg

Set Equipment:

- > Test report
- > Manual hydraulic cutting tool
- > Steel case

Description	Order No.	Length	Weight
Set cutting tool	HSI85	700 x 230 x 75mm	13,1 kg
Fixed cutting blade	GMPS85	-	600 g
Moveable cutting blade	SMPS85	-	400 g



Set HSI85



Spare blades

AS85 – Battery Operated Hydraulic Cutting Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 522 x 75 mm
- > Tool weight (with battery): 7,2 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic cutting tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case
- > Shoulder strap (TG2)



Set AS85

Spare blades

Description	Order No.	Length	Weight
Set Cutting tool AS85	AS85	580 x 470 x 115 mm	10,7 kg
Fixed cutting blade	GM85	-	150 g
Moveable cutting blade	SM85	-	250 g

CUTTING RANGE TABLE PS85 - HSI85 - AS85

Sector of use:		Tensile strength N/mm ²	<ø 30 mm	<ø 35 mm	<ø 40 mm	<ø 45 mm	<ø 50 mm	<ø 55 mm	<ø 60 mm	<ø 65 mm	<ø 70 mm	<ø 75 mm	<ø 80 mm	<ø 85 mm	<ø 90 mm	<ø 95 mm	<ø 100 mm	<ø 105 mm	<ø 110 mm	<ø 115 mm
Copper	Cable	<410	•	•	•	•	•	•	•	•	•	•	•	•						
Aluminium	Cable	<210	•	•	•	•	•	•	•	•	•	•	•	•						

Series 95 - Max. 95 mm cutting diameter

CUTTING DIAMETER	max. Ø 95 mm	CUTTING FORCE	65 kN
SUGGESTED APPLICATION	Copper and Aluminium	OPERATING PRESSURE	700 bar (70 MPa)

PS95 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump (Suggested operating pressure 700 bar/70 MPa).

Technical Characteristics:

- > Light and compact structure
- > Cutting head with snap closure and blade guide
- > Quick male connection with automatic lock system and dust cap
- > Tool dimensions: 200 x 472 x 88 mm
- > Tool weight: 7,5 kg

Set Equipment:

- > Hydraulic cutting head
- > Plastic case

Description	Order No.	Length	Weight
Cutting head with case	PS985	610 x 400 x 140 mm	10,1 kg
Moveable cutting blade	SMI95	-	900 g
Knife guiding plate	MF195	-	80 g



AS95 – Battery Operated Hydraulic Cutting Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 344 x 603 x 91 mm
- > Tool weight (with battery): 9,8 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic cutting tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case
- > Shoulder strap (TG2)



Set AS95



SMI95

MFI95

Spare blades

Description	Order No.	Length	Weight
Set Cutting tool AS50	AS95	725 x 480 x 170 mm	13,9 kg
Fixed cutting blade	SIM95	-	900 g
Moveable cutting blade	MFI95	-	80 g

CUTTING RANGE TABLE PS95 - AS95

Sector of use:		Tensile strength N/mm ²	<ø 30 mm	<ø 35 mm	<ø 40 mm	<ø 45 mm	<ø 50 mm	<ø 55 mm	<ø 60 mm	<ø 65 mm	<ø 70 mm	<ø 75 mm	<ø 80 mm	<ø 85 mm	<ø 90 mm	<ø 95 mm	<ø 100 mm	<ø 105 mm	<ø 110 mm	<ø 115 mm
Copper	Cable	<410	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
Aluminium	Cable	<210	•	•	•	•	•	•	•	•	•	•	•	•	•	•				

Series 120-2 - Max. 120 mm cutting diameter

CUTTING DIAMETER	max. Ø 120 mm
SUGGESTED APPLICATION	Copper and Aluminium

CUTTING FORCE	60 kN
OPERATING PRESSURE	700 bar (70 MPa)

PS120-2 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump (Suggested operating pressure 700 bar/70 MPa).

Technical Characteristics:

- > Light and compact structure
- > Open cutting head with guide blade
- > Easy handling by open cutting head
- > Quick male connection with automatic lock system and dust cap
- > Tool dimensions: 239 x 508 x 88 mm
- > Tool weight: 8,2 kg

Set Equipment:

- > Hydraulic cutting head
- > Plastic case

Description	Order No.	Length	Weight
Cutting head with case	PS120-2	610 x 400 x 140 mm	10,7 kg
Moveable cutting blade	SMI120-2	-	1300 g
Knife guiding plate	MFI120-2	-	140 g



AS120-2 – Battery Operated Hydraulic Cutting Tool

Technical Characteristics:

- > 3 year of warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 359 x 639 x 91 mm
- > Tool weight (with battery): 10,5 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic cutting tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case
- > Shoulder strap (TG2)



Set AS120-2



SMI120-2

Set AS120-2

Spare blades

Description	Order No.	Length	Weight
Set cutting tool AS120-2	AS120-2	725 x 480 x 170mm	14,6 kg
Moveable cutting blade	SMI120-2	-	1300 g
Knife guiding plate	MF1120-2	-	140 g

CUTTING RANGE TABLE PS120-2 - AS120-2

Sector of use:		Tensile strength N/mm ²	<ø 30 mm	<ø 35 mm	<ø 40 mm	<ø 45 mm	<ø 50 mm	<ø 55 mm	<ø 60 mm	<ø 65 mm	<ø 70 mm	<ø 75 mm	<ø 80 mm	<ø 85 mm	<ø 90 mm	<ø 95 mm	<ø 100 mm	<ø 105 mm	<ø 110 mm	<ø 115 mm	<ø 120 mm	<ø 125 mm
Copper	Cable	<410	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Aluminium	Cable	<210	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

Series 120 - Max. 120 mm cutting diameter

CUTTING DIAMETER	max. Ø 120 mm
SUGGESTED APPLICATION	Copper, Aluminium, Armoured Cables

CUTTING FORCE	100 kN (PS120) / 137 kN (PS120-SK160)
OPERATING PRESSURE	700 bar (70 MPa)

SUITABLE TO CUT HEAVY DUTY STEEL WIRE ARMoured CABLES

PS120 – Hydraulic Cutting Head

The unit must be operated through max. 700 bar hydraulic pump (Suggested operating pressure 700 bar/70 MPa).

Technical Characteristics:

- > Light and compact structure
- > Blades made of high strength treated steel
- > Quick male connection with automatic lock system and non detachable dust cap
- > Head can be opened for easy cable insertion
- > Tool dimensions: 174 x 491 x 89 mm
- > Tool weight: 9,6 kg

Set Equipment:

- > Hydraulic cutting head
- > Metal case

Description	Order No.	Length	Weight
Cutting head with case	PS120	610 x 400 x 140 mm	14,8 kg
Fixed cutting blade	GMPS120		1240 g
Moveable cutting blade	SMPS120	-	940 g



Set PS120



GMPS120

SMPS120

Spare blades

PS120-SK160 – Hydraulic Cutting Head (for wire armoured aluminium and copper cables)

The unit must be operated through max. 700 bar hydraulic pump. (max operating pressure 850 bar/85 MPa)

Technical Characteristics:

- > Light and compact structure
- > The blades are made of high strength treated tool steel
- > Head can be opened for easy cutting.
- > Cutting force 135 kN (700 bar) resp. 160 kN (850 bar)
- > Tool dimensions: 174 x 491 x 89 mm
- > Tool weight: 11 kg

Set Equipment:

- > Hydraulic cutting head
- > Metal case

Description	Order No.	Length	Weight
Cutting head with case	PS120-SK160	600 x 220 x 90 mm	16 kg
Fixed cutting blade	GMPS120-S		2,55 kg
Moveable cutting blade	SMPS120	-	940 g



Set PS120-SK160



GMPS120-S

SMPS120

Spare blades

CUTTING RANGE TABLE PS120 - SK160

Sector of use:		Tensile strength N/mm²	<Ø 30 mm	<Ø 35 mm	<Ø 40 mm	<Ø 45 mm	<Ø 50 mm	<Ø 55 mm	<Ø 60 mm	<Ø 65 mm	<Ø 70 mm	<Ø 75 mm	<Ø 80 mm	<Ø 85 mm	<Ø 90 mm	<Ø 95 mm	<Ø 100 mm	<Ø 105 mm	<Ø 110 mm	<Ø 115 mm	<Ø 120 mm	<Ø 125 mm
Copper	Cable	<410	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Aluminium	Cable	<210	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Armoured	Cable	<200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

Accessories

Strap

Description	Order No.	Weight
Shoulder-Strap (for hydraulic battery operated tools)	TG2	90 g



Adapter

Description	Order No.	Weight
Adapter 14,4V for mains operation 230V AC/ 115V A	NG2	800 g
Adapter 18V for mains operation 230V AC/ 115V A	NG3	800 g



NG2

NG3

Storage Batteries

Description	Order No.	Weight
Storage Battery 12 V / 2.6 Ah Ni-MH	RA4	700 g
Storage Battery 12 V / 3.0 Ah Ni-MH	RA5	700 g
Storage Battery 14,4 V / 2.6 Ah Ni-MH	RA6	850 g
Storage Battery 14,4 V / 3.0 Ah Ni-MH	RA7	850 g
Storage Battery 14,4 V / 2.6 Ah Li-Ion	RA9	560 g
Storage Battery 14,4 V / 3.0 Ah Li-Ion	RA10	560 g
Storage Battery 18 V / 3.0 Ah Li-Ion	RA11	680 g
Storage Battery 18 V / 1.5 Ah Li-Ion	RA12	680 g



RA6

RA7

RA9

RA10

RA11

RA12

Battery Charger

Description	Order No.	Weight
Fast Battery Charger	LG7	540 g
Battery Charger	LG8	700 g
Vehicle battery charger (12 V source) - up to 14,4V	LGZ2	580 g
Vehicle battery charger (12 V source) - 18V	LGZ3	500 g



LG7

LG7Z

LG8

CUTTING RANGE TABLE PS120 - SK160

Battery charger	Tension						Battery							
	4,8 V	7,2 V	9,6 V	12 V	14,4 V	18 V	RA 4	RA 6	RA 7	RA 8	RA 9	RA 10	RA 11	RA 12
LG7		•	•	•	•		•	•	•	•	•	•		
LG8						•							•	•
LGZ2		•	•	•	•		•	•	•	•	•	•		
LGZ3						•							•	•

Mechanical Crimping Tools

MPUSET

- Set Equipment:
- > Mechanic Crimping tool
 - > Crimping dies: UEIQ6, UEQ10 and UEAE10T

	UEIQ6	UEQ10	UEAE10T
CRIMPING TYPE	Oval	Indent	Trapezoid
APPLICATION RANGE	0,5-6 mm²	0,5-10 mm²	0,14-10 mm²
SUGGESTED APPLICATION	insulated terminals	terminals & pin terminals	wire end sleeves
Description	Order No.	Length	Weight
Set Crimping Tool	MPUSET	220 mm	900 g
Die for insulated terminals	UEIQ6		
Die for terminals and pin terminals	UEQ10		
Die for wire end sleeves	UEAE10T		



MPAE2T – Mechanic Crimping Tool for Wire End Sleeves

CRIMPING TYPE	Trapezoid		
APPLICATION RANGE	0,25 - 2,5 mm ²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE2T	160 mm	170 g

**MPAE16K – Mechanic Crimping Tool for Wire End Sleeves**

CRIMPING TYPE	Indent		
APPLICATION RANGE	0,5 - 16 mm ²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE16K	190 mm	250 g

**MPAE2R – Mechanic Crimping Tool for Wire End Sleeves**

CRIMPING TYPE	Round		
APPLICATION RANGE	0,14 - 2,5 mm ²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE2R	190 mm	300 g

**MPAE6R – Mechanic Crimping Tool for Wire End Sleeves**

CRIMPING TYPE	Round		
APPLICATION RANGE	1,5 - 6 mm ²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE6R	190 mm	300 g



MPAE16R – Mechanic Crimping Tool for Wire End Sleeves

CRIMPING TYPE	Round		
APPLICATION RANGE	10 – 16 mm²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE16R	190 mm	300 g



MPAE16T – Mechanic Crimping Tool for Wire End Sleeves

CRIMPING TYPE	Trapezoid		
APPLICATION RANGE	0,14 – 16 mm²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE16T	230 mm	180 g



MPAE50R – Mechanic Crimping Tool for Wire End Sleeves

CRIMPING TYPE	Round		
APPLICATION RANGE	10 – 50 mm² 2x4 – 2x16 mm²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE50R	300 mm	700 g



MPAE95R – Mechanic Crimping Tool for Wire End Sleeves

CRIMPING TYPE	Round		
APPLICATION RANGE	50 – 95 mm²		
SUGGESTED APPLICATION	wire end sleeves		
Description	Order No.	Length	Weight
Crimping Tool	MPAE95R	300 mm	700 g



MPIQ – Mechanic Crimping Tool for Insulated Terminals

CRIMPING TYPE	Oval		
APPLICATION RANGE	0,5 – 6 mm ²		
SUGGESTED APPLICATION	insulated terminals		
Description	Order No.	Length	Weight
Crimping Tool	MPIQ	210 mm	190 g

**MPIQ6 – Mechanic Crimping Tool for Insulated Terminals**

CRIMPING TYPE	Oval		
APPLICATION RANGE	0,5 – 6 mm ²		
SUGGESTED APPLICATION	insulated terminals		
Description	Order No.	Length	Weight
Crimping Tool	MPIQ6	220 mm	510 g

**MPIQ16 – Mechanic Crimping Tool for Insulated Terminals**

CRIMPING TYPE	Oval		
APPLICATION RANGE	6 – 16 mm ²		
SUGGESTED APPLICATION	insulated terminals		
Description	Order No.	Length	Weight
Crimping Tool	MPIQ16	290 mm	600 g

**MPR16K – Mechanic Crimping Tool for Terminals and Pin Terminals Standard Type**

CRIMPING TYPE	Notch		
APPLICATION RANGE	0,75 – 16 mm ²		
SUGGESTED APPLICATION	terminals and pin terminals standard type		
Description	Order No.	Length	Weight
Crimping Tool	MPR16K	285 mm	600 g



Crimping Pliers insulated EN60900

Technical Characteristics:

- > Handles and head of the crimper are totally protected by insulated material.
- > Minimum strength required to operate
- > One-hand operation
- > With incorporated (openable) automatic lock to guarantee completion of the compression operation.
- > Automatic opening on completion of compression.
- > Suitable for low temperature use: -40°C

CRIMPING TYPE	Spherical, Oval
APPLICATION RANGE	0,5 - 16 mm ²
SUGGESTED APPLICATION	Insulated cable terminals and pre-insulated connectors



Description	Order No.	Insert cross section (mm²)			Length	Weight
Insulated Crimper	2503 101	1	2	3	280 mm	680 g
		4-6	10	1,5-2,5		
		AWG				
		12-10	8	16-14		

Insulated Crimper	2503 103	1	2	3	280 mm	680 g
		10	16	4-6		
		AWG				
		8	5	12-10		

Insulated Crimper	2503 102	1	2	-	280 mm	680 g
		10	16	-		
		AWG				
		8	5	-		

Insulated Crimper	2503 201	1	2	3	250 mm	620 g
		0,5-1	1,5-2,5	4-6		
		AWG				
		20-18	16-14	12-10		

Model 2503 101

- > Cross sections ranging: 1,5-2,5 / 4-6 / 10 mm²
- > Type of compression: spherical



Model 2503 103

- > Cross sections ranging: 4-6 / 10 / 16 mm²
- > Type of compression: spherical



Model 2503 102

- > Cross sections ranging: 10/16 mm²
- > Type of compression: spherical



Model 2503 101

- > Cross sections ranging: 0,5-1 / 1,5-2,5 / 4-6 mm²
- > Type of compression: oval

MPRQ95 – Mechanic Crimping Tool for Terminals DIN 46234 and Pin Terminals DIN 46230 and Standard Type

CRIMPING TYPE	Indent		
APPLICATION RANGE	6 - 95 mm ²		
SUGGESTED APPLICATION	Low voltage tube terminals		
Description	Order No.	Length	Weight
Crimping Tool	MPRQ95	535 mm	3,5 kg



MPR50i / MPR120i – Mechanic Crimping Tool for Terminals and Pin Terminals Standard Type

Order No.	MPR50i	MPR120i	
CRIMPING TYPE	i-Crimp		
APPLICATION RANGE	6 – 50 mm²	10 – 120 mm²	
SUGGESTED APPLICATION	Terminals and Pin Terminals standard type		
Description	Order No.	Length	Weight
Crimping Tool	MPR50i	380 mm	1,5 kg
Crimping Tool	MPR120i	535 mm	3,5 kg



MPR120i



MPR50i

MPD50S / MPD120S – Mechanic Crimping Tool for Cable Lugs DIN 46235 and Connectors DIN 46267

Order No.	MPD50S	MPD120S	
CRIMPING TYPE	Hexagonal		
APPLICATION RANGE	6 – 50 mm²	10 – 120 mm²	
SUGGESTED APPLICATION	Cable lugs DIN 46235 and Connectors DIN 46267		
Description	Order No.	Length	Weight
Crimping Tool	MPD50S	380 mm	1,5 kg
Crimping Tool	MPD120S	535 mm	3,5 kg



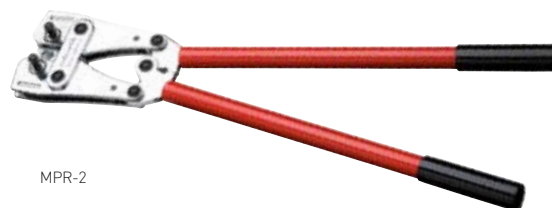
MPD120S



MPD50S

MPR-1 / MPR-2 – Mechanic Crimping Tools for Copper LV Connectors

Oder No.	MPR-1	MPR-2	
CRIMPING TYPE	Hexagonal		
APPLICATION RANGE	6 – 50 mm²	25 – 150 mm²	
Description	Order No.	Length	Weight
Crimping Tool	MPR-1	380 mm	1,5 kg
Crimping Tool	MPR-2	535 mm	3,5 kg



MPR-2



MPR-1

MP60-1 – Mechanic Crimping Tool 60 kN

Same characteristics as MP60-3 below

- > Tool dimensions: 160 x 560 x 50 mm
- > Tool weight: 2,9 kg

Set Equipment:

- > Mechanic Compression Tool
- > Plastic case
- > For the compression dies of tool MP60-1 Opening spring (Order ref. OEF1) is also required.

COMPRESSION SECTION	max 240 mm²		
MAXIMUM STROKE	20 mm		
COMPRESSION FORCE	60 kN		
Description	Order No.	Dimensions	Weight
Set compression tool	MP60-1	700 x 260 x 105 mm	4,6 kg



MP60-3 – Mechanic Crimping Tool 60 kN

Technical Characteristics:

- > Light and compact structure
- > Telescopic handles adjustable from 560 to 860 mm
- > Snap closure compression head, rotates 360°
- > Tool dimensions: 154 x 550 x 44 mm
- > Tool weight: 3,6 kg

Set Equipment:

- > Mechanic Compression Tool
- > Plastic case

Description	Order No.	Dimensions	Weight
Set compression tool	MP60-3	700 x 260 x 105 mm	5,3 kg



CRIMPING RANGE TABLE MP60-3 - MP60-1

Crimping Type	Hexagonal	Indent	Trapezoid	Oval	Notch	Round	Strip off insert
Crimping Die							
Crimping Shape							
Max. Cross section	240 mm²	95 mm²	95 mm²	120 mm²	120 mm²	300 mm²	120/20 mm²

Selection of Crimping dies	Page 391-393
Plastic case for Dies	Page 393
Adapter for crimping dies	Page 393

MP60-2 – Mechanic Crimping Tool - 60 kN**Technical Characteristics:**

- > Light and compact structure
- > Telescopic handles adjustable from 560 to 860 mm
- > Snap closure compression head, rotates 360°
- > Tool dimensions: 154 x 552 x 44 mm
- > Tool weight: 3,6 kg

Set Equipment:

- > Mechanic Compression Tool
- > Plastic case

COMPRESSION SECTION	max 300 mm²		
MAXIMUM STROKE	19 mm		
COMPRESSION FORCE	60 kN		
Description	Order No.	Dimensions	Weight
Set compression tool	MP60-2	700 x 260 x 105 mm	5,3 kg



Set MP60-2

**CRIMPING RANGE TABLE MP60-3 - MP60-1**

Crimping Type	Hexagonal	Indent	Trapezoid	Notch	Round
Crimping Die					
Crimping Shape					
Max. Cross section	300 mm ²	70 mm ²	150 mm ²	70 mm ²	300 mm ²

Selection of Crimping dies	Page 394-395
Plastic case for Dies	Page 395

MPSF6 – Manual Mechanic Tool for SF6-insulated MT-Switchboard Terminals

Designed for assembly and disassembly of the connector for external cone terminals of MT cables operating at voltages from 12 to 36 kV.

Technical Characteristics:

- > Mechanic tool with symmetrical operation
- > Removable compression head
- > Telescopic handles 350 – 560 mm
- > Maximum stroke: 10 mm
- > Maximum threaded terminal travel: 30 mm
- > Compression force: 60 kN
- > Handgrip opening angle: 120°
- > Tool dimensions: 160 x 507 x 85 mm
- > Tool weight: 3,1 kg

Set Equipment MPSF6-X:

- > Mechanic Compression Tool
- > Terminal dies
- > Metallic case (BKMPSF6)

Head size	Voltage Range	Amperage	Cross section
1	12 kV, 24 kV, 36 kV	630 A	25 mm² - 240 mm²
2	12 kV, 24 kV, 36 kV	800 A	50 mm² - 300 mm²
3	12 kV, 24 kV, 36 kV, 52 kV	1,250 A	150 mm² - 630 mm²

Description	Order No.	Dimensions	Weight
Set: Mechanic tool for SF6 System size 1	MPSF6-1	570 x 155 x 75 mm	5,5 kg
Set: Mechanic tool for SF6 System size 2	MPSF6-2	570 x 155 x 75 mm	5,1 kg
Set: Mechanic tool for SF6 System size 3	MPSF6-3	630 x 155 x 95 mm	7,4 kg

Description	Order No.	Dimensions	Weight
Mechanic tool for SF6 System without terminals and case	MPSF6-loose	515 x 155 x 73 mm	3,1 kg
Terminal dies size 1 SF6 System	MKGR1	125 x 65 x 65 mm	1,9 kg
Terminal dies size 2 SF6 System	MKGR2	125 x 65 x 65 mm	1,7 kg
Terminal dies size 3 SF6 System	MKGR3	185 x 95 x 95 mm	4,0 kg



MPSF6-1



Set MPSF6-1



MPSF6-6 loose



MKGR1

Hydraulic Crimping Tools

STILO60

The STILO product family continues to grow.



	Heads	Hand Operated	Battery Operated		Max. Compr. Section	Compression Force	
SERIES 45		 HP45	 STILO45		150 mm²	45 kN	PAGE 370-371
SERIES 50		 HP50	 STILO50		240 mm²	50 kN	PAGE 372-373
SERIES 60-1/3	 PP60-1	 HP60-3		 AP60-1	240 mm²	60 kN	PAGE 374-375
SERIES 60-2/4	 PP60-2	 HP60-4	 STILO60	 AP60-2	300 mm²	60 kN	PAGE 376-377
SERIES 130-C	 PP130-C	 HP1130-C		 AP130-C	400 mm²	130 kN	PAGE 378-379
SERIES 130-C2	 PP130-C2	 HP1130-C2		 AP130-C2	400 mm²	130 kN	PAGE 380-381
SERIES 130-H	 PP130-H	 HP1130-H		 AP130-H	400 mm²	130 kN	PAGE 382-383
SERIES 230	 PP230	 PP230-630			630 mm²	230 kN	PAGE 384-385
SERIES 520	 PP520				1.000 mm²	520 kN	PAGE 386
SERIES 600	 PP600				1.600 mm²	600 kN	PAGE 387

SERIES 45 - 45 KN

COMPRESSION SECTION	max. 150 mm ²
MAXIMUM STROKE	16 mm

COMPRESSION FORCE	60 kN
OPERATING PRESSURE	470 bar (47 MPa)

HP45 – Hand Operated Hydraulic Crimping Tool

Technical Characteristics:

- > Light and compact structure
- > Pump body in light alloy
- > Snap closure crimping head, rotates 180°
- > Automatic pressure safety valve
- > Manual return at any position by turning the main handle
- > Tool dimensions: 157 x 375 x 54 mm
- > Tool weight: 2,5 kg

Set Equipment:

- > Test report
- > Manual crimping tool
- > Plastic case for manual hydraulic tool and maximum 15 crimping dies

Description	Order No.	Dimensions	Weight
Set crimping tool	HP45	440 x 190 x 80 mm	3,5 kg



Set HP45

STILO45 – Battery Operated Hydraulic Crimping Tool

- Technical Characteristics:
- > Tool dimensions: 124 x 369 x 81 mm
 - > Tool weight: 2,3 kg (including battery)

- Set Equipment:
- > Test report
 - > Battery-operated hydraulic crimping tool
 - > Battery 18 V/1,5 Ah Li-Ion (RA12)
 - > Battery charger (LG8)
 - > USB-cable
 - > Software (CD)
 - > Rigid plastic case

Description	Order No.	Dimensions	Weight
Set crimping tool	STILO45	560 x 375 x 118 mm	5,1 kg



Set STILO45



CRIMPING RANGE TABLE HP45 - STILO45

Crimping Type	Hexagonal	Indent	Trapezoid
Crimping Die			
Crimping Shape			
Max. Cross section	150 mm²	95 mm²	150 mm²

Selection of Crimping dies	Page 390
Plastic case for Dies	Page 390

SERIES 50 - 50 KN

COMPRESSION SECTION	max. 240 mm²	COMPRESSION FORCE	50 kN
MAXIMUM STROKE	16 mm	OPERATING PRESSURE	520 bar (52 MPa)

HP50 – Hand Operated Hydraulic Crimping Tool

Technical Characteristics:

- > Light and compact structure
- > Pump body in light alloy
- > Snap closure crimping head, rotates 180°
- > Automatic pressure safety valve
- > Manual return at any position by turning the main handle
- > Tool dimensions: 157 x 398 x 54 mm
- > Tool weight: 2,7 kg

Set Equipment:

- > Test report
- > Manual crimping tool
- > Plastic case for manual hydraulic tool and maximum 15 crimping dies

Description	Order No.	Dimensions	Weight
Set crimping tool	HP50	440 x 190 x 80 mm	3,7 kg



Set HP50

STILO50 – Battery Operated Hydraulic Crimping Tool

- Technical Characteristics:
- > Tool dimensions: 120 x 403 x 75 mm
 - > Tool weight: 2,3 kg (including battery)

- Set Equipment:
- > Test report
 - > Battery-operated hydraulic crimping tool
 - > Battery 18 V/1,5 Ah Li-Ion (RA12)
 - > Battery charger (LG8)
 - > USB-cable
 - > Software (CD)
 - > Rigid plastic case

Description	Order No.	Dimensions	Weight
Set crimping tool	STILO50	560 x 375 x 118 mm	5,3 kg



Set STILO50



CRIMPING RANGE TABLE HP50 - STILO50

Crimping Type	Hexagonal	Indent	Trapezoid	Oval	Notch	Round	Strip off insert	Adapter AD50-45
Crimping Die								
Crimping Shape								Allows use of 45 series dies, on 50, 60-1, 60-3 series
Max. Cross section	240 mm²	95 mm²	95 mm²	120 mm²	120 mm²	300 mm²	120/20 mm²	

Selection of Crimping dies	Page 391-393
Plastic case for Dies	Page 393
Adapter for crimping dies	Page 393

SERIES 60-1/3 - 60 KN

COMPRESSION SECTION	max. 240 mm ²
MAXIMUM STROKE	17 mm

COMPRESSION FORCE	60 kN
OPERATING PRESSURE	700 bar (70 MPa)

PP60-1 – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 60 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > Openable head to make it easy to position and insert the crimping dies
- > Quick make snap lock connection and non detachable dust cap
- > Tool dimensions: 74 x 198 x 54 mm
- > Tool weight: 1,6 kg

Set Equipment:

- > Hydraulic crimping head
- > Plastic case for crimping head and maximum 18 crimping dies



Set PP60-1

Description	Order No.	Dimensions	Weight
Set crimping tool	PP60-1	320 x 260 x 75 mm	2,1 kg

HP60-3 – Hand Operated Hydraulic Crimping Tool

Technical Characteristics:

- > Sturdy and compact structure
- > Snap closure crimping head, rotates 180°
- > Quick feed with double hydraulic cylinder
- > Automatic pressure safety valve
- > Manual return at any position by turning the main handle
- > Tool dimensions: 168 x 392 x 54 mm
- > Tool weight: 2,5 kg

Set Equipment:

- > Test report
- > Manual crimping tool
- > Plastic case for manual hydraulic tool and maximum 15 crimping dies

Description	Order No.	Dimensions	Weight
Set crimping tool	HP60-3	440 x 190 x 80 mm	3,7 kg



Set HP60-3

AP60-1 – Battery Operated Hydraulic Crimping Tool

Technical Characteristics:

- > 3 year of warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left- and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 329 x 331 x 75 mm
- > Tool weight: 4,3 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic crimping tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case for crimping tool and maximum 18 crimping dies
- > Shoulder strap (TG2)

Description	Order No.	Dimensions	Weight
Set crimping tool	AP60-1	580 x 470 x 115 mm	7,7 kg



Set AP60-1

CRIMPING RANGE TABLE PP60-1 - HP60-3 - AP60-1

Crimping Type	Hexagonal	Indent	Trapezoid	Oval	Notch	Round	Strip off insert	Adapter AD50-45
Crimping Die								
Crimping Shape								Allows use of 45 series dies, on 50, 60-1, 60-3 series
Max. Cross section	240 mm²	95 mm²	95 mm²	120 mm²	120 mm²	300 mm²	120/20 mm²	

Selection of Crimping dies	Page 391-393
Plastic case for Dies	Page 393
Adapter for crimping dies	Page 393

SERIES 60-2/4 - 60 kN

COMPRESSION SECTION	max. 300 mm ²
MAXIMUM STROKE	17 mm

COMPRESSION FORCE	60 kN
OPERATING PRESSURE	700 bar (70 MPa)

PP60-2 – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 60 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > Openable head to make it easy to position and insert the crimping dies
- > Quick make snap lock connection and non detachable dust cap
- > Tool dimensions: 93 x 198 x 93 mm
- > Tool weight: 1,7 kg

Set Equipment:

- > Hydraulic crimping head
- > Plastic case for crimping head and maximum 18 crimping dies



Set PP60-2

Description	Order No.	Dimensions	Weight
Set crimping tool	PP60-2	320 x 260 x 75 mm	2,3 kg

HP60-4 – Hand Operated Hydraulic Crimping Tool

Technical Characteristics:

- > Sturdy and compact structure
- > Snap closure crimping head, rotates 180°
- > Quick feed with double hydraulic cylinder
- > Automatic pressure safety valve
- > Manual return at any position by turning the main handle
- > Tool dimensions: 176 x 396 x 54 mm
- > Tool weight: 2,8 kg

Set Equipment:

- > Test report
- > Manual crimping tool
- > Plastic case for crimping tool and 21 crimping dies



Set HP60-4

Description	Order No.	Dimensions	Weight
Set crimping tool	HP60-4	700 x 260 x 105 mm	4,6 kg

STILO60 – Battery Operated Hydraulic Crimping Tool

- > Tool dimensions: 124 x 383 x 81 mm
- > Tool weight (including battery): 3,3 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic crimping tool
- > Battery 18 V/1,5 Ah Li-Ion (RA12)
- > Battery charger (LG8)
- > USB-cable
- > Software (CD)
- > Rigid plastic case



Set STILO60

Description	Order No.	Dimensions	Weight
Set crimping tool	STILO60	560 x 357 x 118 mm	6,3 kg

AP60-2 – Battery Operated Hydraulic Crimping Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Crimping head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left- and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 334 x 75 mm
- > Tool weight: 4,4 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic crimping tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case for crimping tool and maximum 18 crimping dies
- > Shoulder strap (TG2)

Description	Order No.	Dimensions	Weight
Set crimping tool	AP60-2	580 x 470 x 115 mm	7,8 kg



Set AP60-2

CRIMPING RANGE TABLE PP60-2 - HP60-4 - AP60-2

Crimping Type	Hexagonal	Indent	Trapezoid	Notch	Round
Crimping Die					
Crimping Shape					
Max. Cross section	300 mm²	70 mm²	150 mm²	70 mm²	300 mm²

Selection of Crimping dies	Page 394-395
Plastic case for Dies	Page 395

SERIES 130-C - 130 KN

COMPRESSION SECTION	max. 400 mm ²
MAXIMUM STROKE	30 mm

COMPRESSION FORCE	130 kN
OPERATING PRESSURE	700 bar (70 MPa)

PP130-C – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 130 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > C head for easy positioning of dies
- > Quick make snap lock connection and non detachable dust cap
- > Tool dimensions: 128 x 254 x 78 mm
- > Tool weight: 4,1 kg

Set Equipment:

- > Hydraulic crimping head
- > Plastic case for crimping head and maximum 14 crimping dies



Set PP130-C

Description	Order No.	Dimensions	Weight
Set crimping tool	PP130-C	400 x 350 x 130 mm	5,6 kg

HPI130-C – Hand Operated Hydraulic Crimping Tool

Technical Characteristics:

- > Sturdy and compact structure
- > Snap closure crimping head, rotates 270°
- > Quick feed with double hydraulic cylinder
- > Single hand use by innerside handle
- > Automatic pressure safety valve
- > Manual return at any position by turning the main handle
- > Tool dimensions: 222 x 561 x 78 mm
- > Tool weight: 6,6 kg

Set Equipment:

- > Test report
- > Manual crimping tool
- > Plastic case for crimping tool and 9 crimping dies

Description	Order No.	Dimensions	Weight
Set crimping tool	HPI130-C-C	700 x 260 x 105 mm	8,2 kg



Set HPI130-C

AP130-C – Battery Operated Hydraulic Crimping Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left- and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 401 x 79 mm
- > Tool weight: 6,7 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic crimping tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case for crimping tool and maximum 18 crimping dies
- > Shoulder strap (TG2)

Description	Order No.	Dimensions	Weight
Set crimping tool	AP130-C	580 x 470 x 115 mm	10,1 kg



Set AP130-C

CRIMPING RANGE TABLE PP130-C - HPI130-C - AP130-C

Crimping Type	Hexagonal	Indent	Trapezoid	Oval	Round	Strip off insert
Crimping Die						
Crimping Shape						
Max. Cross section	400 mm²	150 mm²	185 mm²	2 x 120 mm²	300 mm²	265/35 mm²

Selection of Crimping dies	Page 396-398
Plastic case for Dies	Page 398

SERIES 130-C2 - 130 kN

COMPRESSION SECTION	max. 400 mm ²
MAXIMUM STROKE	42 mm

COMPRESSION FORCE	130 kN
OPERATING PRESSURE	700 bar (70 MPa)

PP130-C2 – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 130 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > C head for easy positioning of dies
- > Quick make snap lock connection and non detachable dust cap
- > Tool dimensions: 129 x 271 x 78 mm
- > Tool weight: 4,4 kg

Set Equipment:

- > Hydraulic crimping head
- > Plastic case for crimping head and maximum 14 crimping dies



Set PP130-C2

Description	Order No.	Dimensions	Weight
Set crimping tool	PP130-C2	400 x 350 x 130 mm	5,9 kg

HPI130-C2 – Hand Operated Hydraulic Crimping Tool

Technical Characteristics:

- > Sturdy and compact structure
- > Snap closure crimping head, rotates 270°
- > Quick feed with double hydraulic cylinder
- > Single hand use by innerside handle
- > Automatic pressure safety valve
- > Manual return at any position by turning the main handle
- > Tool dimensions: 225 x 577 x 78 mm
- > Tool weight: 6,5 kg

Set Equipment:

- > Test report
- > Manual crimping tool
- > Plastic case for crimping tool and 9 crimping dies

Description	Order No.	Dimensions	Weight
Set crimping tool	HPI130-C2	700 x 260 x 105 mm	8,2 kg



Set HPI130-C2

AP130-C2 – Battery Operated Hydraulic Crimping Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left- and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 417 x 79 mm
- > Tool weight: 6,8 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic crimping tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case for crimping tool and maximum 18 crimping dies
- > Shoulder strap (TG2)

Description	Order No.	Dimensions	Weight
Set crimping tool	AP130-C2	580 x 470 x 115 mm	10,6 kg



Set AP130-C2

CRIMPING RANGE TABLE PP130-C2 - HPI130-C2 - AP130-C2

Crimping Type	Hexagonal	Indent	Trapezoid	Oval	Round	Strip off insert
Crimping Die						
Crimping Shape						
Max. Cross section	400 mm²	150 mm²	185 mm²	2 x 120 mm²	300 mm²	265/35 mm²

Selection of Crimping dies	Page 396-398
Plastic case for Dies	Page 398

SERIES 130-H - 130 kN

COMPRESSION SECTION	max. 400 mm ²
MAXIMUM STROKE	30 mm

COMPRESSION FORCE	130 kN
OPERATING PRESSURE	700 bar (70 MPa)

PP130-H – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 130 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > Open head for easy positioning of dies
- > Quick make snap lock connection and non detachable dust cap
- > Adapters and punch for deep indent compression
- > Head opening: 35 mm
- > Tool dimensions: 78 x 263 x 70 mm
- > Tool weight: 3,4 kg

Set Equipment:

- > Hydraulic crimping head
- > Plastic case for crimping head and maximum 14 crimping dies

Description	Order No.	Dimensions	Weight
Set crimping tool	PP130-H	410 x 360 x 135 mm	5,1 kg



Set PP130-H

HPI130-H – Hand Operated Hydraulic Crimping Tool

Technical Characteristics:

- > Sturdy and compact structure
- > Crimping head, rotates 270°
- > Quick feed with double hydraulic cylinder
- > Single hand use by innerside handle
- > Automatic pressure safety valve
- > Manual return at any position by turning the main handle
- > Tool dimensions: 174 x 569 x 78 mm
- > Tool weight: 5,8 kg

Set Equipment:

- > Test report
- > Manual crimping tool
- > Plastic case for crimping tool and 11 crimping dies

Description	Order No.	Dimensions	Weight
Set crimping tool	HPI130-H	700 x 260 x 105 mm	7,6 kg



Set HPI130-H

AP130-H – Battery Operated Hydraulic Crimping Tool

Technical Characteristics:

- > 3 year warranty or 20.000 cycles
- > Light and compact structure
- > Cutting head with snap closure; rotates 360°
- > High speed feed with double hydraulic cylinder
- > Pressure release button with single handed operation (on both sides, for left- and right handed operators)
- > Fastening ring for shoulder strap
- > Ergonomic grip for weight balance and easy and safe operation
- > Plastic housing, grip and pressure release button, insulating and shock resistant
- > Powerful LED for working space illumination
- > Tool dimensions: 331 x 409 x 75 mm
- > Tool weight: 6,2 kg

Set Equipment:

- > Test report
- > Battery-operated hydraulic crimping tool
- > Battery 18 V/3,0 Ah Li-Ion (RA11)
- > Battery charger (LG8)
- > Rigid plastic case for crimping tool and maximum 18 crimping dies
- > Shoulder strap (TG2)

Description	Order No.	Dimensions	Weight
Set crimping tool	AP130-H	580 x 470 x 115 mm	10 kg



Set AP130-C2

CRIMPING RANGE TABLE PP130-H - HPI130-H - AP130-H

Crimping Type	Hexagonal	Indent	Trapezoid	Oval	Round	Strip off insert	Deep Indent
Crimping Die							
Crimping Shape							
Max. Cross section	400 mm²	150 mm²	185 mm²	2 x 120 mm²	300 mm²	265/35 mm²	300 mm²

Selection of Crimping dies	Page 396-398
Plastic case for Dies	Page 398

SERIES 230 - 230 kN

COMPRESSION SECTION	max. 630 mm ²
MAXIMUM STROKE	28 mm

COMPRESSION FORCE	230 kN
OPERATING PRESSURE	700 bar (70 MPa)

PP230 – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 230 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > Openable head to make it easy to position and insert the crimping dies
- > Quick make snap lock connection and non detachable dust cap
- > Tool dimensions: 121 x 286 x 88 mm
- > Tool weight: 5,5 kg

Set Equipment:

- > Hydraulic crimping head
- > Plastic case for crimping head and maximum 14 crimping dies



Set PP230

Description	Order No.	Dimensions	Weight
Set crimping head	PP230	410 x 360 x 135 mm	7,2 kg

CRIMPING RANGE TABLE PP230

Crimping Type	Hexagonal	Indent	Trapezoid	Oval	Adapter AD230-130
Crimping Die					
Crimping Shape					Allows use of 130 series dies, on 230 Series
Max. Cross section	640 mm ²	300 mm ²	2 x 150 mm ²	240 mm ²	

Selection of Crimping dies	Page 399-400
Adapter for crimping dies	Page 400

PP230-630

COMPRESSION SECTION	max. 630 mm ²	COMPRESSION FORCE	230 kN
MAXIMUM STROKE	60 mm	OPERATING PRESSURE	700 bar (70 MPa)

PP230-630 – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 230 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > The H - Bale allows simple inlaying from the cables
- > This pressing tool can be used to crimp aluminium and bimetallic connectors by deep-step indent system
- > Tool dimensions:105 x 365 x 50 mm
- > Tool weight: 8,5 kg

Set Equipment:

- > Hydraulic crimping head
- > Metal case



Set PP230-630

Description	Order No.	Dimensions	Weight
Set crimping tool	PP230-630	440 x 270 x 150 mm	15 kg

SERIES 520 - 520 KN

COMPRESSION SECTION	max. 1.000 mm ²
MAXIMUM STROKE	25 mm

COMPRESSION FORCE	520 kN
OPERATING PRESSURE	700 bar (70 MPa)

PP520 – Hydraulic Crimping Head

The unit must be operated through 700 bar hydraulic pump to reach compression force of 520 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > Openable head to make it easy to position and insert the crimping dies
- > Quick make snap lock connection and non detachable dust cap
- > Tilting system for coupler
- > Tool dimensions: 218 x 261 x 124 mm
- > Tool weight: 13,2 kg

Set Equipment:

- > Hydraulic crimping head
- > Plastic case for crimping head and maximum 14 crimping dies



Set PP520

Description	Order No.	Dimensions	Weight
Set crimping tool	PP520	410 x 360 x 135 mm	15,4 kg

CRIMPING RANGE TABLE PP520

Crimping Type	Hexagonal	Adapter AD520-130
Crimping Die		
Crimping Shape		Allows use of 130 series dies, on 520 series
Max. Cross section	1000 mm ²	

Selection of Crimping dies	Page 401
Adapter for crimping dies	Page 401

SERIES 600 - 600 kN

COMPRESSION SECTION	max. 1.600 mm ²	COMPRESSION FORCE	600 kN
MAXIMUM STROKE	30 mm	OPERATING PRESSURE	700 bar (70 MPa)

PP600 – Hydraulic Crimping Head – 600 kN

The unit must be operated through 700 bar hydraulic pump to reach compression force of 600 kN.

Technical Characteristics:

- > Sturdy and compact structure
- > Openable head to make it easy to position and insert the crimping dies
- > Quick make snap lock connection and non detachable dust cap
- > Tool dimensions: 200 x 335 x 130 mm
- > Tool weight: 17 kg

Set Equipment:

- > Hydraulic crimping head
- > Metal case



Description	Order No.	Dimensions	Weight
Set crimping tool	PP600	400 x 260 x 360 mm	26 kg

CRIMPING RANGE TABLE PP520

Crimping Type	Hexagonal
Crimping Die	
Crimping Shape	
Max. Cross section	1600 mm ²

Selection of Crimping dies	Page 402
Metal case for Dies	Page 402

Accessories

Cases

Description	Model	Dimensions	Weight
Case for dies 45kN-60kN	KKPE-45-50	250 x 170 x 50 mm	200 g
Case for deep indent dies	KKPE-TN	410 x 360 x 110 mm	1,4 g
Case for 24 crimping dies for 60kN	KKPE-C-CK	410 x 360 x 110 mm	1,4 g
Case for deep indent dies, PP130-H	KKPP130-TN	600 x 390 x 150 mm	2,4 g



Plastic Case
– KKPE-C-CK



Plastic Case
– KKPE-45-50



Plastic Case
– KKPE-TN

Strap

Description	Model	Weight
Shoulder strap for battery operated tools	TG2	90 g



Adapter

Description	Model	Weight
Adapter for mains operation 230V AC/115V A	NG2	800 g
Adapter for mains operation 230 V - 18 V (STILO 45)	NG3	800 g



NG2



NG3

Storage Battery

Description	Model	Weight
Storage Battery 12 V / 2.6 Ah Ni-MH	RA4	700 g
Storage Battery 12 V / 3.0 Ah Ni-MH	RA5	700 g
Storage Battery 14,4 V / 2.6 Ah Ni-MH	RA6	850 g
Storage Battery 14,4 V / 3.0 Ah Ni-MH	RA7	850 g
Storage Battery 14,4 V / 2.6 Ah Li-Ion	RA9	560 g
Storage Battery 14,4 V / 3.0 Ah Li-Ion	RA10	560 g
Storage Battery 18 V / 3.0 Ah Li-Ion	RA11	700 g
Storage Battery 18 V / 1.5 Ah Li-Ion	RA12	420 g
Storage Battery 18 V / 2.0 Ah Li-Ion	RA13	600 g



RA6



RA7



RA9



RA10



RA11



RA12

Battery Charger

Description	Model	Weight
Fast Battery Charger	LG7	540 g
Battery Charger	LG8	700 g
Vehicle battery charger (12 V source) - up to 14,4V	LGZ2	580 g
Vehicle battery charger (12 V source) - 18V	LGZ3	580 g



LG8



LGZ2



LG7

CUTTING RANGE TABLE PS120 - SK160

Battery charger	Tension						Battery							
	4,8 V	7,2 V	9,6 V	12 V	14,4 V	18 V	RA 4	RA 6	RA 7	RA 8	RA 9	RA 10	RA 11	RA 12
LG7		•	•	•	•		•	•	•	•	•	•		
LG8						•							•	•
LGZ2	•	•	•	•	•		•	•	•	•	•	•		
LGZ3						•								

CRIMPING DIES - SERIES 45

SERIES 45



HP45



STILO45

	DIN STANDARD Hexagon crimping dies according to DIN 48083						STANDARD TYPE Hexagon crimping dies for standard type cable shoes and connectors	
	Copper cable lugs (DIN 46235) - connectors (DIN 46267, part 1)			Aluminium cable lugs (DIN 46239 - connectors (DIN 46267, part 2)			Copper	
Cross section (mm²)	Code No.	Compr. width (mm)	Order No.	Code No.	Compr. width (mm)	Order No.	Compr. width (mm)	Order No.
6	5	5	MK5-45				5	MH6-45
10	6	5	MK6-45	10	7	MK10B-45	5	MH10-45
16	8	5	MK8-45	12	7	MK12B	5	MH16-45
25	10	5	MK10-45				5	MH25-45
35	12	5	MK12-45	14	7	MK14B-45	5	MH35-45
50	14	5	MK14-45	16	7	MK16B-45	5	MH50-45
70	16	5	MK16-45	18	7	MK18B-45	5	MH70-45
95	18	5	MK18-45	22	7	MK22B-45	5	MH95-45
120	20	5	MK20-45				5	MH120-45
150	22	5	MK22-45				5	MH150-45

Dies for full tension and Aluminium-Steel, ACSR available on request

		Round dies to round off copper and aluminium sector shaped conductor	
		Type SE*	Type SM*
Cross section (mm²)	Compr. width (mm)	Order No.	Order No.
10	20		MR4,1-45
16	20		MR5,1-45
25	20	MR5,1-45	MR6,3-45
35	20	MR6,3-45	MR7,5-45
50	20	MR7,5-45	MR9,0-45
70	20	MR9,0-45	MR10,5-45
95	20	MR10,5-45	MR12,5-45
120	20	MR12,5-45	MR14,0-45
150	20	MR14,0-45	

* SE sector solid

** SM sector multi-stranded

Plastic Case for Crimping Dies

Description	Order No.	Dimensions	Weight
Case for dies 45kN-60kN	KKPE-45-50	250 x 170 x 50 mm	200 g

		WIRE END SLEEVES Trapezoid crimping dies for wire end sleeve	
Cross section (mm²)	Compr. width (mm)	Order No.	
10	20	MTT10-45	
16	20	MTT16-45	
25	20	MTT25-45	
35	20	MTT35-45	
50	20	MTT50-45	
70	20	MTT70-45	
95	20	MTT95-45	



Plastic case – KKPE-45-50

CRIMPING DIES - SERIES 50 / 60-1/3



	DIN STANDARD Hexagon crimping dies according to DIN 48083						STANDARD TYPE Hexagon crimping dies for standard type cable shoes and connectors	
	Copper cable lugs (DIN 46235) - connectors (DIN 46267, part 1)			Aluminium cable lugs (DIN 46239) - connectors (DIN 46267, part 2)			Copper	
Cross section (mm²)	Code No.	Compr. width (mm)	Order No.	Code No.	Compr. width (mm)	Order No.	Compr. width (mm)	Order No.
6	5	5	MK5-50				5	MH6-50
10	6	5	MK6-50	10	7	MK10B-50	7	MH10-50
16	8	5	MK8-50	12	7	MK12B-50	7	MH16-50
25	10	5	MK10-50				7	MH25-50
35	12	5	MK12-50	14	7	MK14B-50	7	MH35-50
50	14	5	MK14-50	16	7	MK16B-50	7	MH50-50
70	16	5	MK16-50	18	7	MK18B-50	7	MH70-50
95	18	5	MK18-50	22	7	MK22B-50	7	MH95-50
120	20	5	MK20-50				7	MH120-50
150	22	5	MK22-50	25	7	MK25B-50	7	MH150-50
185	25	5	MK25-50	28	7	MK28B-50	7	MH185-50
240	28	5	MK28-50	34	5	MK32-50	5	MH240-50

Dies for full tension and Aluminium-Steel, ACSR available on request

	TERMINALS Indent crimping dies for - terminals DIN 46234 - pin terminals DIN 46230 - solderless conn. DIN 46341	FINE WIRE Indent crimping dies for fine wire conductors
	Order No.	Order No.
10	MD10-50	MDF10-50
16	MD16-50	MDF16-50
25	MD25-50	MDF25-50
35	MD35-50	MDF35-50
50	MD50-50	MDF50-50
70	MD70-50	
95	MD95-50	

	WIRE END SLEEVES Trapezoid crimping dies for wire end sleeve	
	Compr. width (mm)	Order No.
10	20	MTT10-50
16	20	MTT16-50
25	20	MTT25-50
35	20	MTT35-50
50	20	MTT50-50
70	20	MTT70-50
95	20	MTT95-50

CRIMPING DIES - SERIES 50 / 60-1/3

		Oval crimping dies for the compression of compression dead-ends and oval connectors according to DIN 48217 and H branch terminals			
		Dead end clamps and oval connectors			H-Clamp Copper
		Copper	Aluminium	Steel	
Cross section (mm²)	Compr. width (mm)	Order No.	Order No.	Order No.	Order No.
6RE*	5	M07-50			
6	5				M010-50
10	5				
10RE*	5				
10RM**	5	M010-50			
16RE*	5				
16	5				
25	5	M016-50	M016-50		M018-50
35	5	M018-50	M018-50	M018-50	M021-50
50	5	M020-50	M020-50	M020-50	
70	5	M022-50	M022-50	M022-50	
95	5	M024-50	M024-50		
120	5		M026-50		

		NOTCH CONNECTOR Oval crimping dies for notch connector		
		Cu-Conductor	Al-Conductor	Al-Steel-rope
		Cop Order No.	Order No.	Order No.
10		MK010-50CU		
16		MK016-50CU		
25		MK025-50CU	MK025-50AL	
35/6				MK035/6-50
35		MK035-50CU	MK035-50AL	
50		MK050-50CU	MK050-50AL	
50/8				MK050/8-50
50/30				MK050/30-50
70		MK070-50CU	MK070-50AL	
70/12				MK070/12-50
95		MK095-50CU	MK095-50AL	
120		MK0120-50CU	MK0120-50AL	

* RE round solid

** RM round multi-stranded

CRIMPING DIES - SERIES 50 /60-1/3

		Round dies to round off copper and aluminium sector shaped conductor	
		Type SE*	Type SE*
Cross section (mm ²)	Compr. width (mm)	Order No.	Order No.
10	20		MR4,1-50
16	20		MR5,1-50
25	20		MR6,3-50
35	20	MR6,3-50	MR7,5-50
50	20	MR7,5-50	MR9,0-50
70	20	MR9,0-50	MR10,5-50
95	20	MR10,5-50	MR12,5-50
120	20	MR12,5-50	MR14,0-50
150	20	MR14,0-50	MR15,7-50
185	22	MR15,7-50	MR17,5-50
240	20	MR17,5-50	MR20,2-50
300*	20	MR20,2-50°	

		STRIP OFF ACSR Strip off Aluminium part of ACSR cables***
Cross section (mm ²)	Order No.	
25/4	AL-ST25/4-50	
35/6	AL-ST35/6-50	
50/8	AL-ST50/8-50	
70/12	AL-ST70/12-50	
95/15	AL-ST95/15-50	
120/20	AL-ST120/20-50	

Adapter for Crimping Dies 45 kN

Allows use of all dies for the tool 45kN on models HP50, HP60-3, PP60-1 and AP60-1

Description	Order No.	For Dies	Weight
Adapter	AD50-45	45 kN	50 g



Description	Order No.	Dimensions	Weight
Case for dies 45kN-60kN	KKPE-45-50	250 x 170 x 50 mm	200 g



Plastic case – KKPE-45-50

CRIMPING DIES - SERIES 60-2/4

SERIES 60-2/4



MP60-2



PP60-2



HP60-4



STILO60



AP60-2

	DIN STANDARD Hexagon crimping dies according to DIN 48083						STANDARD TYPE Hexagon crimping dies for standard type cable shoes and connectors	
	Copper cable lugs (DIN 46235) - connectors (DIN 46267, part 1)			Aluminium cable lugs (DIN 46239 - connectors (DIN 46267, part 2)			Copper	
Cross section (mm²)	Code No.	Compr. width (mm)	Order No.	Code No.	Compr. width (mm)	Order No.	Compr. width (mm)	Order No.
6	5	5	MK5-CK				5	MH6-CK
10	6	5	MK6-CK	10	7	MK10B-CK	5	MH10-CK
16	8	5	MK8-CK	12	7	MK12B-CK	5	MH16-CK
25	10	5	MK10-CK				5	MH25-CK
35	12	5	MK12-CK	14	7	MK14B-CK	5	MH35-CK
50	14	5	MK14-CK	16	7	MK16B-CK	5	MH50-CK
70	16	5	MK16-CK	18	7	MK18B-CK	5	MH70-CK
95	18	5	MK18-CK	22	7	MK22B-CK	5	MH95-CK
120	20	5	MK20-CK				5	MH120-CK
150	22	5	MK22-CK	25	7	MK25B-CK	5	MH150-CK
185	25	5	MK25-CK	28	7	MK28B-CK	5	MH185-CK
240	28	5	MK28-CK	32	7	MK32B-CK	5	MH240-CK
300	32	5	MK32-CK	34	5	MK34B-CK	5	MH300-CK

Dies for full tension and Aluminium-Steel, ACSR available on request

	TERMINALS Indent crimping dies for - terminals DIN 46234 - pin terminals DIN 46230 - solderless conn. DIN 46341	FINE WIRE Indent crimping dies for fine wire conductors
Cross section (mm²)	Order No.	Order No.
10	MD10-CK	MDF10-CK
16	MD16-CK	MDF16-CK
25	MD25-CK	MDF25-CK
35	MD35-CK	MDF35-CK
50	MD50-CK	MDF50-CK
70	MD70-CK	MDF70-CK

	WIRE END SLEEVES Trapezoid crimping dies for wire end sleeve	
Cross section (mm²)	Compr. width (mm)	Order No.
10	20	MTT10-CK
16	20	MTT16-CK
25	20	MTT25-CK
35	20	MTT35-CK
50	20	MTT50-CK
70	20	MTT70-CK
95	20	MTT95-CK
120	20	MTT120-CK
150	20	MTT150-CK
185	20	MTT185-CK
240	20	MTT240-CK

	NOTCH CONNECTOR Oval crimping dies for notch connector		
	Cu-Conductor	Al-Conductor	Al-Steel-rope
Cross section (mm²)	Cop Order No.	Order No.	Order No.
10	MK010-CK-CU		
16	MK016-CK-CU		
25	MK025-CK-CU	MK025-CK-AL	
35	MK035-CK-CU	MK035-CK-AL	
50	MK050-CK-CU	MK050-CK-AL	
50/8			MK050/8-CK
50/30			MK050/30-CK
70	MK070-CK-CU	MK070-CK-AL	
70/12			MK070/12-CK
95/15			MK095/15-CK

		Round dies to round off copper and aluminium sector shaped conductor	
		Type SE*	Type SE*
Cross section (mm²)	Compr. width (mm)	Order No.	Order No.
10	20		MR4,1-CK
16	20		MR5,1-CK
25	20		MR6,3-CK
35	20	MR6,3-CK	MR7,5-CK
50	20	MR7,5-CK	MR9,0-CK
70	20	MR9,0-CK	MR10,5-CK
95	20	MR10,5-CK	MR12,5-CK
120	20	MR12,5-CK	MR14,0-CK
150	20	MR14,0-CK	MR15,7-CK
185	22	MR15,7-CK	MR17,5-CK
240	20	MR17,5-CK	MR20,2-CK
300*	20	MR20,2-CK	

Plastic Case for Crimping Dies

Description	Order No.	Dimensions	Weight
Case for 24 crimping dies for 60kN	KKPE-C-CK	410 x 360 x 110 mm	1,4 kg



plastic case – KKPE-C-CK

CRIMPING DIES - SERIES 130



	DIN STANDARD Hexagon crimping dies according to DIN 48083						STANDARD TYPE Hexagon crimping dies for standard type cable shoes and connectors	
	Copper cable lugs (DIN 46235) - connectors (DIN 46267, part 1)			Aluminium cable lugs (DIN 46239 - connectors (DIN 46267, part 2)			Copper	
Cross section (mm²)	Code No.	Compr. width (mm)	Order No.	Code No.	Compr. width (mm)	Order No.	Compr. width (mm)	Order No.
10	6	5	MK6-C				8	MH10-C
16	8	14	MK8-C	12	14	MK12-C	8	MH16-C
25	10	14	MK10-C				10	MH25-C
35	12	14	MK12-C	14	14	MK14-C	14	MH35-C
50	14	14	MK14-C	16	14	MK16-C	14	MH50-C
70	16	14	MK16-C	18	14	MK18-C	14	MH70-C
95	18	14	MK18-C	22	14	MK22-C	14	MH95-C
120	20	14	MK20-C				14	MH120-C
150	22	14	MK22-C	25	14	MK25-C	14	MH150-C
185	25	14	MK25-C	28	14	MK28L-C	14	MH185-C
240	28	7	MK28-C	32	17	MK32L-C	14	MH240-C
300	32	7	MK32-C	34	17	MK34L-C	7	MH300-C
400							7	MH400-C

Dies for full tension and Aluminium-Steel, ACSR available on request

	BRITISH STANDARD Hexagon crimping dies according to DIN 48083		ITALIAN STANDARD Hexagon crimping dies according to DIN 48083	
	Copper		Copper	
Cross section (mm²)	Compr. width (mm)	Order No.	Compr. width (mm)	Order No.
10	10	BS10-C	7	U13-K07M
16	10	BS16-C	7	U13-K08M
25	10	BS25-C	12	U13-K10M
35	14	BS35-C	12	U13-K11M
50	14	BS50-C	12	U13-K13M
70	16	BS70-C	12	U13-K14
95	16	BS95-C	12	U13-K17M
120	16	BS120-C	12	U13-K18
150	16	BS150-C	12	U13-K20D
185	16	BS185-C	14	U13-K22D
240	14	BS240-C	14	U13-K25M
300	7	BS300-C	7	U13-K28D
400	7	BS400-C	7	U13-K34D

	TERMINALS Indent crimping dies for - terminals DIN 46234 - pin terminals DIN 46230 - solderless conn. DIN 46341	FINE WIRE Indent crimping dies for fine wire conductors
	Cross section (mm²)	Order No.
16	MD16-C	MDF16-C
25	MD25-C	MDF25-C
35	MD35-C	MDF35-C
50	MD50-C	MDF50-C
70	MD70-C	MDF70-C
95	MD95-C	MDF95-C
120	MD120-C	MDF120-C
150	MD150-C	MDF150-C

	WIRE END SLEEVES Trapezoid crimping dies for wire end sleeve	
	Cross section (mm²)	Compr. width (mm)
16	20	MTT16-C
25	20	MTT25-C
35	20	MTT35-C
50	26	MTT50-C
70	26	MTT70-C
95	26	MTT95-C
120	26	MTT120-C
150	26	MTT150-C
185	26	MTT185-C
240	26	MTT240-C

		Oval crimping dies for the compression of compression dead-ends and oval connectors according to DIN 48217 and H branch terminals			
		Dead end clamps and oval connectors			H-Clamp Copper
		Copper	Aluminium	Steel	
Cross section (mm²)	Compr. width (mm)	Order No.	Order No.	Order No.	Order No.
10	5	M010-C	M010-C		
16	5	M012-C	M012-C		M016-C
25	5	M016-C	M016-C		M018-C
35	5	M018-C	M018-C	M018-C	M021-C
50	5	M020-C	M020-C	M020-C	
70	5	M022-C	M022-C	M022-C	
95	5	M024-C	M024-C	M025-C	
120	5	M026-C	M026-C		

	H BRANCH TERMINALS Oval crimping dies for H branch terminals		TWIN CABLE LUGS Oval crimping dies for twin cable lugs	
	Cross section (mm²)	Compr. width (mm)	Order No.	Order No.
2 x 50	30	MRH22-C	12	MRD22-C
2 x 70	30	MRH26-C	12	MRD24-C
2 x 95	30	MRH30-C	12	MRD29-C
2 x 120	30	MRH32-C	12	MRD32-C

CRIMPING DIES - SERIES 130

		C CONNECTORS Oval crimping dies for copper C connectors for Italian type or equivalent
Cross section (mm ²)		Order No.
Run	Tap	
10	10 ÷ 1,5	U13-DC10
16	16 ÷ 1,5	U13-DC25
25 ÷ 16	10 ÷ 1,5	
25	25 ÷ 16	
40 ÷ 35	16 ÷ 1,5	U13-DC35
40 ÷ 35	40 ÷ 25	
50	25 ÷ 10	
70 ÷ 63	25 ÷ 1,5	
50	25 ÷ 4	U13-DC70
50	50 ÷ 35	
70 ÷ 50	40 ÷ 4	
70 ÷ 50	70 ÷ 35	
100 ÷ 95	40 ÷ 4	U13-DC95
100 ÷ 95	70 ÷ 40	
100 ÷ 95	100 ÷ 63	
125 ÷ 110	125 ÷ 25	U13-DC185
160 ÷ 150	125 ÷ 25	
150	150 ÷ 63	
180	100 ÷ 16	

* SE sector solid

** SM sector multi-stranded

*** depending on type and size of joining accessories

		Round dies to round off copper and aluminium sector shaped conductor	
		Type SE*	Type SM*
Cross section (mm ²)	Compr. width (mm)	Order No.	Order No.
10	35		MR4,1-C
16	35		MR5,1-C
25	35	MR5,1-C	MR6,3-C
35	35	MR6,3-C	MR7,5-C
50	35	MR7,5-C	MR9,0-C
70	35	MR9,0-C	MR10,5-C
95	35	MR10,5-C	MR12,5-C
120	35	MR12,5-C	MR14,0-C
150	35	MR14,0-C	MR15,7-C
185	35	MR15,7-C	MR17,5-C
240	35	MR17,5-C	MR20,2-C
300	35	MR20,2-C	MR22,5-C

		STRIP OFF ACSR Strip off Aluminium part of ACSR cables***
Cross section (mm ²)	Order No.	
50/8	AL-ST 50/8-C	
50/30	AL-ST 50/30-C	
70/12	AL-ST 70/12-C	
95/15	AL-ST 95/15-C	
95/55	AL-ST 95/55-C	
120/20	AL-ST 120/20-C	
150/25	AL-ST 150/25-C	
170/40	AL-ST 170/40-C	
185/30	AL-ST 185/30-C	
210/35	AL-ST 210/35-C	
240/40	AL-ST 240/40-C	
265/35	AL-ST 265/35-C	



plastic case – KKPE-C-CK



plastic case – KKPE-TN

Plastic Case for Crimping Dies

Description	Order No.	Dimensions	Weight
Case for 24 crimping dies for 130kN	KKPE-C-CK	410 x 360 x 110 mm	1,4 kg
Case for deep indent dies	KKPE-TN	410 x 360 x 110 mm	1,4 kg

CRIMPING DIES - SERIES 230

SERIES 230



PP230

	DIN STANDARD Hexagon crimping dies according to DIN 48083						STANDARD TYPE Hexagon crimping dies for standard type cable shoes and connectors	
	Copper cable lugs (DIN 46235) - connectors (DIN 46267, part 1)			Aluminium cable lugs (DIN 46239 - connectors (DIN 46267, part 2)			Copper	
Cross section (mm²)	Code No.	Compr. width (mm)	Order No.	Code No.	Compr. width (mm)	Order No.	Compr. width (mm)	Order No.
16				12	14	MK12-230		
25	10	14	MK10-230					
35	12	14	MK12-230					
50	14	14	MK14-230	16	14	MK16-230		
70	16	14	MK16-230	18	12	MK18-230		
95	18	14	MK18-230	22	40	MK22B-230		
120	20	14	MK20-230				14	MH120-230
150	22	14	MK22-230	25	40	MK25B-230	14	MH150-230
185	25	14	MK25-230	28	40	MK28B-230	17	MH185-230
240	28	14	MK28-230	32	25	MK32B-230	17	MH240-230
300	32	17	MK32-230	34	25	MK34B-230	17	MH300-230
400	38	17	MK38-230	38	25	MK38B-230	17	MH400-230
500	42	17	MK42-230	44	17	MK44B-230	17	MH500-230
630	44	17	MK44-230	46	25	MK24B-230	17	MH625-230

	FINE WIRE Indent crimping dies for fine wire conductors
Cross section (mm²)	Order No.
120	MDF120-230
150	MDF150-230
185	MDF185-230
240	MDF240-230
300	MDF300-230

CRIMPING DIES - SERIES 230

	H BRANCH TERMINALS Oval crimping dies for H branch terminals		TWIN CABLE LUGS Oval crimping dies for twin cable lugs		
	Cross section (mm²)	Compr. width (mm)	Order No.	Compr. width (mm)	Order No.
	2 x 50	40	MRH22-230	40	MRD22-230
	2 x 70	40	MRH26-230	40	MRD24-230
	2 x 95	40	MRH30-230	40	MRD29-230
	2 x 120	40	MRH32-230	40	MRD32-230
2 x 150	40	MRH34-230			

	NOTCH CONNECTOR Oval crimping dies for notch connector		
	Cu-Conductor	Al-Conductor	Al-Steel-rope
Cross section (mm²)	Cop Order No.	Order No.	Order No.
10	MK010-230-CU		
16	MK016-230-CU		
25	MK025-230-CU	MK025-230-AL	
35	MK035-230-CU	MK035-230-AL	
50	MK050-230-CU	MK050-230-AL	
50/8			MK050/8-230
50/30			MK050/30-230
70	MK070-230-CU	MK070-230-AL	
70/12			MK070/12-230
95	MK095-230-CU	MK095-230-AL	
95/15			MK095/15-230
120	MK0120-230-CU	MK0120-230-AL	
120/21			MK0120/21-230
125/30			MK0125/30-230
150	MK0150-230-CU	MK0150-230-AL	
150/25			MK0150/25-230
185		MK0185-230-AL	
185/32			MK185/8-230
240		MK0240-230-AL	
210/36			MK0210/36-230
210/50			MK0210/50-230
210/40			MK0240/40-230



Adapter for Crimping Dies 130 kN

Allows use of all dies (C-form) for the tool 130kN on model PP230

Description	Order No.	For Dies	Weight
Adapter	AD230-130	130 kN	0,82 kg

CRIMPING DIES - SERIES 520



	DIN STANDARD					
	Hexagon crimping dies according to DIN 48083					
	Copper cable lugs (DIN 46235) - connectors (DIN 46267, part 1)			Aluminium cable lugs (DIN 46239 - connectors (DIN 46267, part 2)		
Cross section (mm²)	Code No.	Compr. width (mm)	Order No.	Code No.	Compr. width (mm)	Order No.
16				12	14	MK12-520
25						
35	12	14	MK12-520	14	14	MK14-520
50	14	14	MK14-520	16	14	MK16-520
70	16	14	MK16-520	18	14	MK18-520
95	18	14	MK18-520	22	40	MK22B-520
120	20	14	MK20-520			
150	22	14	MK22-520	25	40	MK25B-520
185	25	14	MK25-520	28	40	MK28B-520
240	28	14	MK28-520	32	40	MK32B-520
300	32	17	MK32-520	34	40	MK34B-520
400	38	17	MK38-520	38	40	MK38B-520
4500	42	17	MK42-520	44	40	MK44B-520
630	44	17	MK44-520	52	40	MK52B-520
800	52	25	MK52-520	58	25	MK58B-520
1000	58	25	MK58-520	60	25	MK60B-520

Dies for full tension and Aluminium-Steel, ACSR available on request



Adapter for Crimping Dies 130 kN

Allows use of all dies (C-form) for the tool 130kN on model PP520

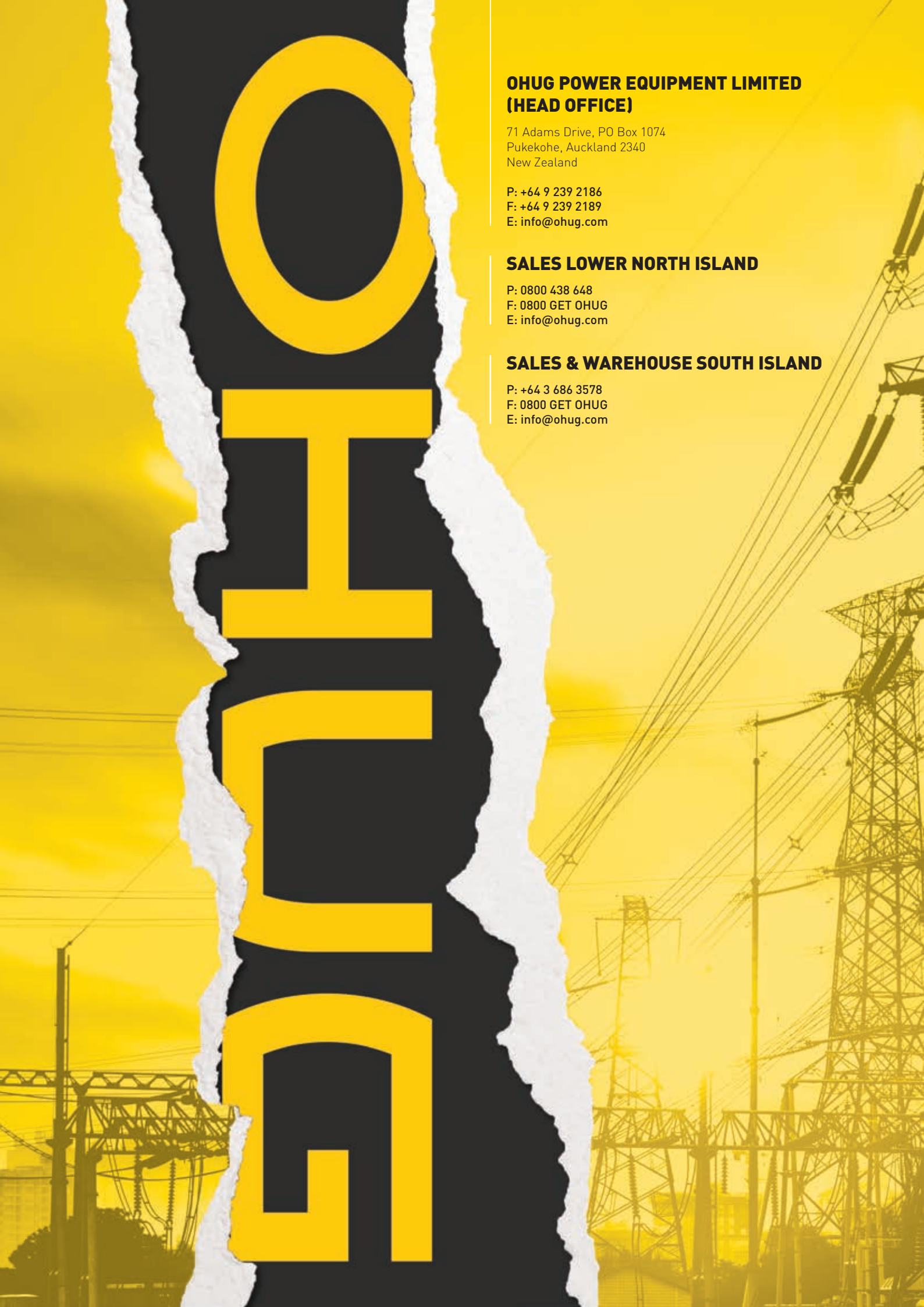
Description	Order No.	For Dies	Weight
Adapter	AD520-130	130 kN	0,82 kg

CRIMPING DIES - SERIES 600



	DIN STANDARD Hexagon crimping dies according to DIN 48083					
	Copper cable lugs (DIN 46235) - connectors (DIN 46267, part 1)			Aluminium cable lugs (DIN 46239 - connectors (DIN 46267, part 2)		
Cross section (mm²)	Code No.	Compr. width (mm)	Order No.	Code No.	Compr. width (mm)	Order No.
16				12	14	MK12-600
25	10	14	MK10-600			
35	12	14	MK12-600	14	14	MK14-600
50	14	14	MK14-600	16	14	MK16-600
70	16	14	MK16-600	18	14	MK18-600
95	18	14	MK18-600	22	40	MK22B-600
120	20	14	MK20-600			
150	22	14	MK22-600	25	40	MK25B-600
185	25	14	MK25-600	28	40	MK28B-600
240	28	14	MK28-600	32	40	MK32B-600
300	32	17	MK32-600	34	40	MK34B-600
400	38	17	MK38-600	38	40	MK38B-600
500	42	17	MK42-600	44	40	MK44B-600
630	44	17	MK44-600	52	40	MK52B-600
800	52	25	MK52-600	58	25	MK58B-600
1000	58	25	MK58-600	60	25	MK60B-600
1200	60	25	MK60-600			
1600	70	25	MK70-600			

Dies for full tension and Aluminium-Steel, ACSR available on request

The image features a large, bold, yellow 'OHUG' logo on a black background, which is torn along its edges to reveal a yellow background. The background image is a photograph of high-voltage electrical transmission towers and power lines, rendered in a yellow monochrome. The logo is positioned vertically on the left side of the page.

OHUG

OHUG POWER EQUIPMENT LIMITED (HEAD OFFICE)

71 Adams Drive, PO Box 1074
Pukekohe, Auckland 2340
New Zealand

P: +64 9 239 2186
F: +64 9 239 2189
E: info@ohug.com

SALES LOWER NORTH ISLAND

P: 0800 438 648
F: 0800 GET OHUG
E: info@ohug.com

SALES & WAREHOUSE SOUTH ISLAND

P: +64 3 686 3578
F: 0800 GET OHUG
E: info@ohug.com