Hydraulic Crimping Tools

12 and 13 Tonne HEX Dies

CABRICAL's range of 12 and 13 tonne dies are standard international dies that will fit most 12 tonne tools. The range shown is our standard range, any specials can be manufactured to order.



Catalogue No.	Copper Conductor Size (mm²)
CP6D	6
CP10D	10
CP16D	16
CP25D	25
CP35D	35
CP50D	50
CP70D	70
CP95D	95
CP120D	120
CP150D	150
CP185D	185
CP240D	240
CP300D	300
CP400D	400

CP400

CP400H

CHX185

CX1016D

Dies for 5 Tonne Tool Range

2 Tonne Hydraulic Crimper - 'C' Head

CABRICAL's 12 tonne 'C' head hydraulic crimpers come with 38mm throat opening.

- Quality manufacture and robust design will give years of trouble free service
- Nominal force of 13.3 tonnes at the die faces.
- Head rotates 180º for work in tight spaces
- Two speed unit, which advances the dies at a high speed until a crimping force is encountered, and then automatically changes to a low speed. This saves time and effort in the crimping process.
- Nominal largest die size is 400mm2
- Accepts standard South Africa and international 12 tonne dies • Safety valve that protects against over pressure
- Supplied in a case which houses up to 15 die sets

Technical Data-C CP400

Length 6.2kg 8.7kg Tool only weight In case weight Throat Opening



12 Tonne Hydraulic Crimper - Remote "C" Head

- Wide throat 'C' head with a 38mm opening
- They should be used with a CABRICAL's remo pump, or any pump developing 700 bar (10,000
- Suit standard CABRICAL 12 tonne dies
- Crimp range to 400mm2

Length 4.8kg Throat Opening



exceptionally light weight, and is designed primarily for the overhead linesman. It can be operated with one hand, and is small enough to be carried in the

- linesman's tool pouch.
- Largest die size 185mm2CU lug
- Only 3 pumping operations required to complete crimp
- Reduced opening width of handles

- to reduce health and safety risk

The CHX185 is supplied in a case with 20 die storage



Screwdrivers

HVSDK5 - Screwdriver Set - 8 Piece This eight piece set contains the most common

560g

drivers and an electrical test screwdriver. 2.4 x 75mm #0 x 60mm 4.0 x 100mm #1 x 80mm 5.5 x 125mm #2 x 100mmn 6.5 x 150mm 330 x 160 x 45 Dimensions:

Weight:



5 Tonne Hydraulic Crimper

The CABRICAL CHX185 tool is a 5 tonne tool that is

- Nominal force 5 tonne at die faces
- CX2535D • Hexagonal dies for standard South African dimensions CX5070D CX150D
- Trigger release
- Ideal for overhead or confined applications
- Rubber insulated handles
- Safety valve to protect against overpressure
- The tool can be operated with one hand whilst using the other to ensure correct positioning of crimp Being light weight, authorities recommend this tool
- Length: 373mm

Weight: 2.6kg without dies and case

Individual Screwdrivers

Slotted (Flat Head) The screwdrivers can be bought individually to top up the hang cell merchandiser. They
have a hole in the handle so they can be hung

Phillips Head on any merchandiser display.

Slotted (Flat Head) Range					
Catalogue No.	Head Width (mm)	Shaft Length (mm)	Overall Length (mm)	Weight (g)	
HVS5-75S	2.4	75	160	29	
HVS5-100SA	3.5	100	185	34	
HVS5-100SB	4.0	100	205	61	
HVS5-125S	5.5	125	230	82	
HVS5-150S	6.5	150	265	118	
HVS5-175S	8.0	175	300	184	
Phillips Head	Range				
Catalogue No.	Head Width (mm)	Shaft Length (mm)	Overall Length (mm)	Weight (g)	
HVS5-60P	#0	60	145	30	
HVS5-80P	#1	80	185	67	

Pliers & Side Cutters

Electrical Pliers 1000V Rated - 175mm (7")

175mm (7") electrical pliers, drop forged vanadium

- steel with 1000V insulated handles Features serrated nose grip, and bevelled side cutting blades

HVEP175B

HVEP205B

Electrical Pliers 1000V Rated - 205mm (8")

- 205mm (8") electrical pliers, drop forged vanadium steel with 1000V insulated handles
- Features serrated nose grip, and bevelled side cutting blades
- Weight: 380g

Electrical Pliers 1000V Rated - 230mm (9") - High Leverage HVEP230HL

- These pliers are truly professional, for the discerning user
- They are made from a special high grade steel They are light weight and have an off-centre swivel that gives a high leverage action
- The cutting blade is ultra hard, and will cut piano wire (up to 2.5mm) and nails (up to 4.2mm), without any damage 141. Have two crimping dies for lugs and terminals up to 6mm2
- Weight: 360g

HVSDK5

Long Nose Pliers 1000V Rated - 150mm (6")

- 150mm (6") long nose, drop forged vanadium steel with 1000V insulated handles • 150Features long serrated inside jaws and bevelled
- side cutting blades Weight: 160g

HVLNP205B

HVLNP150B

KLNP125B

HVSC150B

HVSC200B

Long Nose Pliers 1000V Rated - 205mm (8")

- 205mm (8") long nose, drop forged vanadium steel with 1000V insulated handles Features long serrated inside jaws and bevelled
- side cutting blades
- Weight: 260g

Long Nose Pliers 125mm (5") for Intricate Work

- For use in fine electrical data and electronic work Spring action for ease of use
 Two colour cushioned handle, with finger protection
- Weight: 100g

Side Cutter 125mm (5") for Intricate Work

• For use in fine electrical data and electronic work Spring action for ease of use, and small size • Two colour cushioned handle, with finger protection

Weight: 90g

Side Cutters 1000V Rated - 150mm (6")

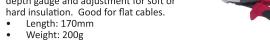
- 150mm (6") side cutter, drop forged vanadium steel with 1000V insulated handles Features flush cutting bevelled blades for soft
- wire cutting • Weight: 240g

- Side Cutters 1000V Rated 200mm (8") • 200mm (8") side cutter, drop forged vanadium
- steel with 1000V insulated handles • Features flush cutting bevelled blades for soft
- wire cutting
 Weight: 320g

Strippers

Cable End Stripper, 0.5 - 6.0mm2

Low cost cable end stripper and cutter. For conductors 0.5 - 6mm2. Has a built in depth gauge and adjustment for soft or



General Wire Stripper - "Double V"

CABRICAL's HVKUS stripper is a conventional double 'V' blade stripper with a cutting depth

Length: 165mm

Sheath Stripper - No Limit Dia.

Special purpose cable sheath stripper for the easy removal of sheath on large (no limit) diameter cable. By moving handle up and down, the stripper 'walks' along the cable. Suitable for XLPE and other hard insulations. Spare blades are

- Length: 150mm
 Waight: 240g

 KMS-EX (Top of the range model, supplied with case) Weight: 240g

Cable tie tensioning tool speeds up cable tie application. Ensures correct automatic cut-off. Eliminates sharp edges on cut ties. Maximum tie width 4.8mm.

• Weight: 310g



HVKUS

Weight: 150gg



Cable Tie Tensioners

- Length: 165mm







5 Galaxy Avenue, Unit B17 Linbro Business Park, Linbro Park Sandton



Crimping Tools Bootlace Crimper, 0.5 - 16mm2 - Low Cost Low cost tool with a huge crimp range, for bootlace ferrules, insulated and un-insulated from 0.5 - 16mm2. The jaws are ribbed to create a roughened surface on the ferrule to increase "locking" on the terminal. The tool is ratchet controlled for crimp consistency, and the ratchet is adjustable to compensate for tool wear. Weight: 400g

Bootlace Crimper, 16 - 35mm2 This hand tool crimps the top end of the bootlace range, crimping from 16 - 35mm2. It is ratchet controlled for crimp consistency and the ratchet is adjustable. Jaws are serrated which create ribs on the bootlace pin so that it grips in the terminal Length: 220mm

Weight: 430g



Copper Lug Hand Crimper 1.5 - 10mm2 Low cost ratchet lug crimper. Indent crimper for copper lugs 1.5 - 10mm2. A ratchet operation ensures correct crimp and reduced hand effort. 15.Length: 260mm 16.Weight: 540g

Copper Lug Hand Crimper 1.5 - 16mm2 Low cost ratchet crimper crimps copper lugs and un-insulated terminals 1.5 -16mm2. A ratchet operation ensures correct crimp and a 'W' crimp for large crimp range. 19.Length: 280mm 20.Weight: 500g

Copper Lugs Crimper, 16 - 120mm2 - Indent Indent lug crimp tool for indent crimping copper lugs. Adjustable die enables indent crimping from 16 - 120mm2. 23.Length: 650mm 24.Weight: 3.6kgg

Bootlace Crimper, 0.5 - 2.5mm2 - Plier Style HNKE6 Low cost manual plier type crimper for bootlace ferrules (BLP) and un-insulated end sleeves 0.5 -2.5mm2. Spring opening action. Length: 145mm • Weight: 160g

Brass Terminal Crimper, 0.75 - 6mm2 Roll Crimp Low cost brass terminal crimper. Mainly quick connector type (QCB or MTB type) 0.75 - 6mm2. The crimp achieved is a roll crimp, which supports the insulation and crimps the wire. Not suitable for

flag terminals. • Length: 230mm Weight: 500g

K00 Copper Lug Hand Crimper 1.5 - 10mm2 - Plier

Low cost, plier type tool for indent crimping 1.5 -10mm2copper lugs and terminals. 17.Length: 250mm 18.Weight: 440g

Combination Non-Ratchet Crimper 1.5 -Low cost ratchet crimper crimps copper lugs and un-insulated terminals 1.5 -16mm2. A atchet operation ensures correct crimp and a W' crimp for large crimp range.

Weight: 720g

Weight: 1.3kg

HNKE5

HNKE7



Robust ratchet crimper for copper lugs and un-insulated terminals 1.5 - 16mm2. A ratchet operation ensures a correct crimp. • Length: 320mm



- 50mm2. Dies are self-contained and rotating, so they cannot be misplaced. Tool has an over-centre action to ensure complete crimp Length: 390mm



120mm2 - Hexagonal Hexagonal copper lug crimper with crimp range 6 - 120mm2. Dies are selfcontained and rotating, so they cannot

be misplaced. Tool has over-centre action to ensure complete crimp. • Length: 660mm Weight: 3.5kg

K06CK06 with removable

Y-K06H/23 Spare die set

crew in handles in a carry case

YYT1

Pre-insulated Terminal Crimper - Light weight This tool is very useful for general electrical installation, in that it combines red and blue pre-insulated terminal jaws, with bootlace terminal jaws 0.25mm2-2.5mm2(BLF025 to BLF250). It is also light weight made from a titanium alloy, with ultra soft cushioned handles. Ratchet operation ensures a correct crimp.

• Length: 210mm Weight: 200g

Pre-insulated Terminal Crimper, Red, Blue and rellow - Precision

Ratchet terminal crimper for red, blue and yellow pre-insulated terminals. Jaws are hardened and polished to achieve optimum crimp. Ratchet operation ensures correct crimp and reduced hand

• Length: 235mm

Hand Cutters

Weight: 3kg

ACSR and Steel Wire Ratchet Cutter - 25mm O.D. K686/T Spare Blade Y-K686T/MBLADE

Compact ratchet cable cutter, designed to 400mm2ACSR maximum, and 150mm2steel wire cable, typical maximum O.D. of 25mm. It will easily cut conductors up to: 48. Bare copper building wire up to 400mm2(61 x 2.85) 49.Flexible copper cables up to 500mm2 50.Aluminium 630mm2 XLPE double insulated The handles extend and lock into place. To open the cutter, release the blade ratchet by pulling handles completely open. Supplied with a canvas carry bag. • Length: 560mm (handles not extended)

Armoured Cable Ratchet Cable Cutter - 3 x K688/T 300mm2

Compact ratchet cable cutter, designed to cut 3 x 300mm2cable and 100mm2copper aluminium armoured cable. The handles extend and lock into place. To open the cutter, release the blade ratchet by pulling the handles completely open. Supplied with a canvas carry bag. • Length: 480mm (handles not extended) • Weight: 6.5kg

Armoured Cable Ratchet Cable Cutter - 130mm2 K689/T Compact ratchet cable cutter, designed to cut 3 x

K687/T Spare Blade

Y-K687T/MBLADE

HNKE9

HNKE10

300mm2cable and 130mm2aluminium armoured cable. The handles extend and lock into place. To open the cutter, release the blade ratchet by pulling the handles completely open. Supplied with a canvas carry bag. • Length: 480mm (handles not extended)

• Weight: 7.5kg



Compact ratchet cable cutter, designed to cut 3 by 120mm2armoured cable maximum. Typical maximum O.D. of cable that the tool will cut is 58mm. It will easily cut normal copper or aluminum cable. The handles extend and lock into place. To open the cutter, release the blade ratchet by pulling handles completely open.

Supplied with a canvas carry bag. • Length: 505mm (handles not extended)

Weight: 3kg

The HNKE9 bootlace ferrule crimper has a unique crimp action, which automatically crimps a range of terminals from 0.25 - 6mm2. Simply insert the wire and ferrule and squeeze the handles, and the tool self adjusts and crimps. The crimp surface is "serrated" by the tool, creating an enhanced grip. The tool is ratchet controlled for crimp consistency, and has six pressure adjustments. Please ensure this tool is well oiled to ensure correct operation.

Die-less Bootlace Ferrule Crimper, 0.25 - 6mm

• Length: 170mm Weight: 400g

Die-less Bootlace Ferrule Crimper, 0.75 - 6mm2

The HNKE10 tool is the mid range tool in the die-less tool range, covering 0.75 to 6mm2. The principal of the tool is that it has four faces that simultaneously move inward as the tool is closed, creating a square crimped pin with serrations on the pin. This action creates a self adjusting tool, which crimps over a large range. To crimp, simply insert the ferrule and squeeze the handles, and the tool does the rest. The tool is ratchet controlled for crimp consistency, and the ratchet has 9 adjustment positions, to compensate for tool wear. Please ensure this tool is well oiled to ensure correct operation.

• Length: 170mm • Weight: 360g

Pre-insulated Terminal Crimper, Red, Blue and Yellow

Low cost ratchet terminal crimper for red, blue and vellow pre-insulated terminals. Ratchet operation ensures rrect crimp and reduced hand effort. When crimping flexible conductors in vellow terminals the maximum capacity of the tool is 6mm2. • Length: 230mm

• Weight: 540g

Professional Crimping Tool - Super High Leverage Ergonomic Handle

• High precision ratchet style crimping tool for red, blue and vellow pre-insulated terminals

• Super high leverage ergonomic handles Jaws are hardened and polished to achieve

optimum crimp • Ratchet operation ensures correct crimp and

reduced hand effort High quality tool will ensure years of

precision crimping Ratchet release clip

• The tool features an adjustment dial to further enhance the quality of the tool

Cable Cutter - General Purpose - Up to 70mm2

Low cost cutter for copper and aluminium conductors up to 70mm2. Parrot beak style to ensure cutting without distortion to cable. • Length: 230mm

• Weight: 340g

Cable Cutter - Up to 240mm2

Small cable cutter for annealed copper and aluminium conductors up to 240mm2. 'Parrot beak' blades do not distort cable - eases lugging. Replacement blade catalogue no: KME2 BLADE • Length: 610mm

• Weight: 1.8kg

Cable Cutter - Up to 500mm2

Large cable cutter for annealed copper and aluminium conductors up to 500mm2. 'Parrot beak' blades do not distort cable - eases lugging. Replacement blade catalogue no: KME3 BLADE • Length: 805mm

Weight: 2.8kg

Cable Cutter - Parrot Beak up to 120mm2

A handy cutter for mid range copper and aluminium cables. Small enough to fit into a tool box. Has "parrot beak" which keeps cables round after cutting. • Length: 300mm

• • Weight: 700g

Ratchet Cable Cutter, Compact - Up to 400mm2

This cutter is a compact single hand operated cutter, that will cut up to 52mm outside diameter, with a nominal maximum capacity of 400mm2. For cutting annealed copper and aluminium cables only, not hardened overhead style aluminium or ACSR. It's small size allows it to fit in the average tool box. The ratchet reduces hand effort.

Weight: 820g

Ratchet Cable Cutters, Compact - Up to

KTC1

K40

KME2

KME3

K50

K684/T

Ratchet operated cable cutter. Compact cutter for cutting annealed copper and aluminium conductors up to 300mm2(maximum 32mm outside diameter.) Small size enables cutting in tight spots. Ratchet reduces hand effort. New wide ratchet for longer life. • Length: 260mm

K683/T Y-K683T/3 Moving blade Y-K683T/4 Fixed blade

HL1610S

Heat Guns

Weight: 680g

Hot air gun with 2 temperature and airflow stages

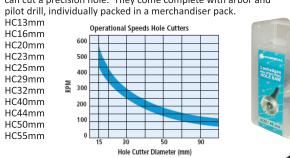
 Output 1600W • Temperature 300 / 500°C

• Airflow 240 / 450 l/min. Voltage 230 – 240V

Weight 700g

Hole Cutters

CABRICAL's Hole Cutters are designed for long life and allow fast cutting of accurately sized holes in metal, steel and plastic. They can be used with a hand drill or press mounted drill and



Hole Saws

Hole Saws - Industrial Style

CABRICAL's Metal Cutting Hole Saws are a high speed bi-metal style hole saw for heavy duty cutting of thin metal, stainless steel and hard timbers. They come in a full range including kits, and various arbors. 93. High speed steel bi-metal edge welded to an alloy steel back for heavy cutting

Variable tooth pattern for better cutting

Size from 14mm to 102mm

 Cutting depth 35mm to 47mm · Cuts through stainless steel and other materials including pipe, nail embedded wood, hard wood, plywood and plastics

These saws can be used in low speed or speed adjustable electric drills, pneumatic tools, vertical drilling machines, lathes, boring machines, milling machines etc. The saws are supplied without an arbor, these must be ordered separately.



Hole Saw Kits

CABRICAL's Hole Saw Kits are supplied in handy plastic cases and have the most common saws included, for conduit, lights etc.

HSKIT116, 20, 22, 25, 32, 40, 44, 51, 57, 64, 76 with HSAB1 and HSAB2 arbors HSKIT220, 25, 32, 40, 51, 64 with HSAB1 and HSAB2 arbors HSKIT320, 22, 25, 32, 40 with HSAB1 arbor and adaptor for saws above 32mm HSKIT420, 22, 25, 32, 40, 51 with HSAB1 and HSAB2 arbors

Catalogue Hol			Oper	ating speed	ls - RPI	VI	
No.	Diam (mm)	Arbor Required	Mild Steel	Stainless Steel	Cast Iron	Brass	Aluminium
HS14	14	HSAB1 for saws 14 - 29mm	800	300	400	790	900
HS16	16		550	275	365	730	825
HS19	19		450	220	290	610	680
HS20	20		425	210	280	560	635
HS22	22		390	195	260	520	585
HS25	25		350	175	235	470	525
HS29	29		285	145	190	380	425
HS32	32		275	140	180	360	410
HS35	35	1	250	125	165	330	375
HS38	38		230	115	150	300	345
HS40	40		220	110	145	290	325
HS41	41		210	105	140	280	315
HS44	44		195	95	130	260	295
HS48	48		180	90	120	240	270
HS51	51		170	85	115	230	255
HS54	54	HSAB2 (quick	160	80	105	210	240
HS57	57	release style)	150	75	110	200	225
HS60	60	or HSAB3	140	70	95	190	220
HS64	64	(standard style)	135	65	90	180	205
HS67	67	for saws 32 - 102mm	130	65	85	170	195
HS70	70	32 - 102MM	125	60	80	160	185
HS73	73		120	60	80	160	180
HS76	76		115	55	75	150	170
HS79	79		110	55	70	140	165
HS83	83		105	50	70	140	155
HS86	86		100	50	65	130	150
HS89	89		95	45	65	130	145
HS92	92		95	45	60	120	140
HS95	95		90	45	60	120	135
HS102	102		85	40	55	110	130

Note: Saws do not include arbors, these are shown below Catalogue Saw Size (mm) Contents

0.	Saw Size (IIIII)	Contents
SAB1	14 to 29	Standard screw in style arbor with 7/16 shank
SAB2	32 to 102	Arbor with quick release locking tangs for larger saws
SAB3	32 to 102	Standard arbor with locking tangs for larger saws
SABDRILL		Spare drill for all arbors

