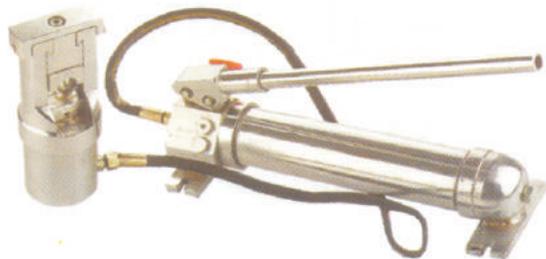


## HPCT-20 Weight : 16.500Kg

Hand operated Hydraulic Crimping Tool with set of ring dies is designed to crimp Copper/Aluminium Cable Terminal Ends upto 400 mm sq. The crimping jack and hydraulic pump are connected with a 2 meter length hose pipe and the hydraulic pump is having a capacity to develop pressure upto 250 kg./cm sq. The crimping jack is made from solid special alloy steel to withstand the pressure developed while crimping. The mechanism within the pump control the pressure developed while crimping and safety valve prevents excessive pressure. This portable tool is very handy and is most suitable for heavy duty crimping.

**HPCT - 20(A) R-11 to R-16 Capacity up to 300 mm sq.**  
**HPCT - 20(B) R-11 to R-18 Capacity up to 400 mm sq.**



### PUMP FOR HPCT - 150



### CAUTION :

Do Not disturb the setting of sealing plug (part no. JH-234) as the pressure is already adjusted at 250 kg./cm<sup>2</sup> for **HPCT- 20** & at 300kg./cm<sup>2</sup> for **HPCT-150**

## HPCT-150 Weight : 20.500Kg

Hand operated Hydraulic Crimping Tool with set of ring dies is designed to crimp Copper/Aluminium Cable Terminal Ends upto 1000 mm sq. The hydraulic pump & Crimping jack are fitted with a 2 meter length hose pipe and the hydraulic pump is having a capacity to develop pressure upto 300 kg./cm sq. The crimping jack barrel is made from solid special alloy steel to withstand the pressure developed while crimping. The mechanism provided within the pump controls the pressure developed while crimping and safety valve prevents excessive pressure. The tool is most suitable for heavy duty crimping. Adaptor Block also available to utilizes GRD-95 & HPCT-20 dies.  
**HPCT - 150 (A) R-11 to R-18 Capacity upto 400 mm sq.**  
**HPCT - 150 (B) R-11 to R-23, R-27, R-29 (TOTAL 15 SETS) Capacity upto 1000 mm sq.**



### Operating instruction HPCT-20 / HPCT-150

- (1) The first and for most step as to ensure that sufficient oil is there in the oil tank.
- (2) Please ensure that the air vent screw is removed before starting the equipment.
- (3) Close the release valve (Red Knob) of the pump and ensure that the valve is fully tightened.
- (4) Open the handle till the two pistons of the die set touch each other perfect crimping is formed.
- (5) Loosen the release valve (Red Knob) of the pump to remove the crimped terminal ends.

**Sapsons**®



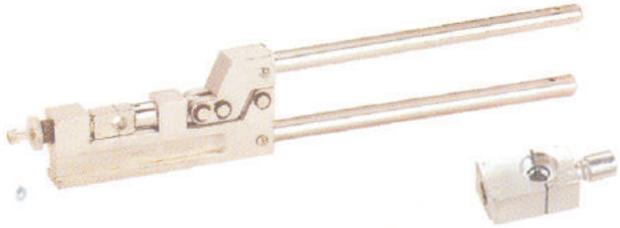
## SAPSONS HYDRAULICS & INDUSTRIAL TOOLS

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**PHONE** : 91-11-26288670, 23210964, 41604150  
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**E-mail** : [info@sapsonsindia.com](mailto:info@sapsonsindia.com)  
**Website** : [www.sapsonsindia.com](http://www.sapsonsindia.com)

**GRD-95**

Weight : 5.450Kg.

Bench Type Hand operated Crimping Tool with 9 set of dies ( R-1 to R-10 except R-8 ) is designed to crimp copper Cable Terminal Ends from 10mm sq., to 120mm sq. & Aluminium Cable Terminal Ends from 10 mm sq. to 95 mm sq. This tool is having detachable handles with an overall length of 56 cm. and weights approx 4.5 kg. This tool is guaranteed for one year from the date of supply for any manufacturing defect.

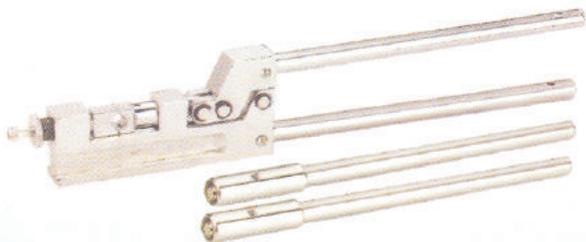


DIE CHART					
DIE REF.	CUS. SOC.	ALS. SOC.	DIE REF.	CUS. SOC.	ALS. SOC.
R-1	10 CA	10AA	R-7	70 CA	50AA
R-2	16 CA	16AA	R-9	95 CA	70AA
R-3	25 CA	.....	R-10	120 CA	95AA
R-4	35 CA	25AA	R-11	150 CA	120AA
R-5	.....	35AA	R-12	185 CA	150AA
R-6	50CA	.....	R-13	.....	185AA

**GRD -185**

Weight : 7.350Kg.

Bench Type Hand operated Crimping Tool with additional adaptor handles provided with standard ringdies from R-1 to R-11 & Punch type dies R-12 and R-13 (except R-8). This Crimping Tool is designed to crimp Copper and Aluminium Cable Terminal Ends from 10 mm<sup>2</sup> to 185 mm<sup>2</sup> This tool is guaranteed for one year from the date of supply for any manufacturing defect.

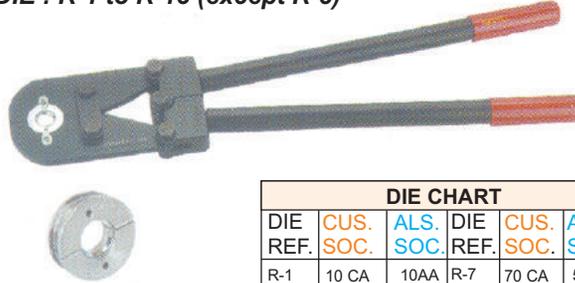


**VISHAAL - 185**

Weight : 4.700Kg

Mechanical Handy Piler Type Tool with interchangeable die sets for compression and sleeves 10mmsq.to 185 mm sq. It is a single operation tool and is most suitable for crimping at remote places and in trenches too (i.e. for underground cables). This handy tool weights approx. 4.7 kgs and is very convenient to carry. The epoxy powder coating on the tool protects the same from seasonal effects like Rust etc.

**DIE : R-1 to R-13 (except R-8)**

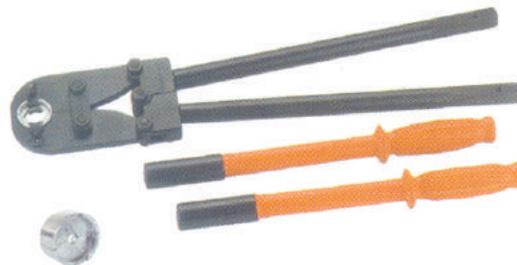


DIE CHART					
DIE REF.	CUS. SOC.	ALS. SOC.	DIE REF.	CUS. SOC.	ALS. SOC.
R-1	10 CA	10AA	R-7	70 CA	50AA
R-2	16 CA	16AA	R-9	95 CA	70AA
R-3	25 CA	.....	R-10	120 CA	95AA
R-4	35 CA	25AA	R-11	150 CA	120AA
R-5	.....	35AA	R-12	185 CA	150AA
R-6	50CA	.....	R-13	.....	185AA

**SURYA - 400**

Weight : 4.700Kg

Mechanical Handy Piler Type Tool to crimp Aluminium Tubular Terminal Ends and Connectors upto 400 mm sq., and Copper Tubular Terminal Ends and Connectors, upto 240 mm sq. This tool is provided with interchangeable hex Patern 11 set of dies and is most convenient for crimping at remote places and in trenches too (i.e for under ground cables).It is supplied with extension handles to increase the leverage, in turn reducing the manual efforts. The epoxy powder coating on the tool protects the same from seasonal effects like Rust etc.



**SANGRAM - 400**

Weight : 4.800Kg

Mechanical gear powered hand operated Crimping Tool with interchangeable Hex Type 9 set of Dies for capacity 50 mm <sup>2</sup> to 400 mmsq. It is a multi-stroke-tool with ratchet, pin lock, rapid motion and has a maximum opening of 90 - degree. This light, weight tool weights approx. 4.8 kgs and is very handy to carry at any remote place for usage. The overall length of the tool is 700 mm and it develops a maximum pressure up to 100 kn.

**CAPACITY : 50 to 300 copper Tubular mm 2  
50 to 400 Aluminium Tubular mm 2**



DIE CHART					
DIE REF.	CUS. SOC.	ALS. SOC.	DIE REF.	CUS. SOC.	ALS. SOC.
H-50	70	50	H-150	185	150
H-70	95	70	H-185	225/240	185
H-95	120	95	H-240	300	225/240
H-120	150	120	H-300	.....	300
.....	.....	.....	H-400	.....	400

**AAKASH - 400 AAKASH - 500** Weight : 5.800Kg (DIELESS)

Dieless flip-top Hand operated Hydraulic Crimping Tools are Suitable for Cable Terminal Ends, In-Line Connectors, Ferrules & for Tension/Non-Tension Jointing to AAC & ACSR Conductors from 6mm <sup>2</sup> to 400 mm <sup>2</sup> & 6 mm <sup>2</sup> to 500 mm <sup>2</sup> respectively. These tools are fitted with a universally rotating crimping head through 360 degree and are also fitted with an automatic " BLOW - OFF" valve preset at 8500 PSI to prevent excessive pressure and ensure fool proof Crimping. A CLEAR CLICK SOUND IS HEARD ON COMPLETION OF CRIMPING OF CABLE TERMINAL END. An extra feature is the novel presence of a specially designed Classic Handle for locking. The crimping jaws can be set in any predetermined position to avoid unnecessary strokes while crimping the same size of cable Terminal Ends.

