



## Hand Operated Hydraulic Crimping Tools, HHY-150

### Built-in safety valve



#### Characteristics:

- For non-Insulated terminals and sleeves up to 150mm<sup>2</sup>.
- Rotatable indentors 14-22, 38-60, 70-80 and 100-150mm<sup>2</sup>
- Built-in pressure relief valve for overload protection.
- Two-speed pump to reduce cycle time.
- Ram retraction by turning the release knob anticlockwise.
- Molded plastic carry case.

Model	HHY-150
Hydraulic Ram Output	11 Ton
Ram Stroke	18 mm
Crimping range(mm <sup>2</sup> )	14-150
Crimp pattern	Indent type
Crimping dies(mm <sup>2</sup> )	14,22,38,60,70,80,100,150
G.W.(kg)	6.7
Packing size(mm)	560X140X230

## Hydraulic Crimping Heads, HHY-200T

### Double-acting, 200 Tons

#### Crimping Range:

Copper sleeve up to 86 mm O.D.

Aluminum sleeve up to 100 mm O.D.

Steel sleeve up to 50 mm O.D.



#### Characteristics:

- Sturdy construction for safe working.
- Simple design for easy maintenance.
- Ram retracts hydraulically, the retracting time is 1/3 of spring return.
- Removable die cap design helps operator an easy insertion and removable of the connector.
- Functional handles for easy carrying and repositioning.
- Wide crimping area reduces crimping cycles and minimizes curving and tensioning of conductors.
- Requires an external double acting hydraulic pump with rated oil pressure of 700 bar.
- Designed as a portable tool for installing compression sleeves and terminals for transmission construction and maintenance work.
- Comes delivered in sturdy wooden box.



Model	Output force (ton)	Ram stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	G.W. (kg)	Packing size (mm)
HHY-200T	200	40	630-1440	630,800,1000,1440	Hexagonal type	110	280×380×500



## Hydraulic Crimping Heads, HHY-100TF

### Double-acting, 100 Tons



#### Characteristics:

- Sturdy construction for safe working.
- Simple design for easy maintenance.
- Ram retracts hydraulically, the retracting time is 1/3 of spring return.
- Removable die cap design helps operator an easy insertion and removable of the connector.
- Functional handles for easy carrying and repositioning.
- Requires an external double acting hydraulic pump. with rated oil pressure of 700 bar.
- Designed as a portable tool for installing compression sleeves and terminals for transmission construction and maintenance work.
- Comes delivered in sturdy wooden box.

#### Crimping Range:

Copper sleeve up to 76 mm O.D.

Aluminum sleeve up to 76 mm O.D.

Steel sleeve up to 50 mm O.D.

Model	Max.Pressure (T)	Max.stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	G.W. (kg)	Packing size (mm)
HHY-100TF	100	24	400-1000	400,500,630,800,1000	Hexagonal type	50	230×320×450

## Hydraulic Crimping Heads, HHY-60T



#### Characteristics:

- Requires an external hydraulic pump with rated oil pressure of 700 bar.
- Single action cylinder with spring return.
- Detachable ground stand as a standard accessory.
- Large handle for easy carrying.
- Removable die cap for easy connector positioning.
- Solid metal loop at base for hoist work.
- Compression head is designed as a portable tool for installing compression sleeves and terminals for transmission construction and maintenance work

#### Crimping Range:

Copper and aluminum sleeve up to 60 mm O.D.

Model	Output force (ton)	Ram stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	G.W. (kg)	Packing size (mm)
HHY-60T	60	34	400-1000	400,500,630,800,1000	Hexagonal type	23.5	210×210×435



## Hydraulic Crimping Heads

For use in indoor and outdoor power distribution and transmission projects, splicing fittings, overhead and underground conductors.

### Characteristics:

- Yoke-type head design is solid and durable.
- Convenient handle makes handling and hoisting easier.
- Positive die locking mechanism holds dies firmly in place.
- Supplied with R2 3/8 male coupler and dust cap.
- Requires an external hydraulic pump with rated oil pressure of 700 bar.
- Single action cylinder with spring return.



**HHY-1000F**



**HHY-630F**



Model	Output force (ton)	Ram stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	G.W. (kg)	Packing size (mm)
HHY-1000F	35	30	400-1000	240,300,400,500,630,800,1000	Hexagonal type	23.7	200×200×370
HHY-630F	23	22	150-630	150,185,240,300,400,500,630	Hexagonal type	15	185×170×300



## Hydraulic Universal Tool Head, HHY-60HF

**3 in 1**

- Crimping**
- Cutting**
- Punching**

**Characteristics:**

- Rotatable flip top head.
- One universal head for crimping, cutting and punching.
- Supplied with R2 3/8 male coupler and dust cap.
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping, cutting and punching results.



Crimp copper lug  
16-300mm<sup>2</sup> or  
aluminum lug  
10-240mm<sup>2</sup>



Cut Cu/Al wire or  
armoured cable up  
to  $\Phi 40$ mm



Punch holes $\Phi$   
22- $\Phi 60$ mm



Model	HHY-60HF
Hydraulic Ram Output	6.5 Ton
Ram Stroke	42 mm
Cutting range(mm)	$\Phi 40$ (Copper, Aluminum/armored cable)
Crimping range(mm <sup>2</sup> )	16-300
Punching range(mm)	$\Phi 22.5$ - $\Phi 61.5$
G.W.(kg)	13.6
Packing size(mm)	610×210×110

**Accessories**

Crimping dies(mm <sup>2</sup> )	16,25,35,50,70,95,120,150,185,240,300
Punching dies(mm)	22.5,28.3,34.6,43.2,49.6,61.5
Blades	1 set
Crimping adapter	1 pc
Punching adapter	1 pc
Draw stud M20x1.5	1 pc
Draw stud M10 x 1	1 pc
Spacer	1 pc
Sealing ring of cylinder	1 pc
Sealing ring of safety valve	1 pc

## Hydraulic Crimping Head, HHY-510F

**Characteristics:**

- Wide open C crimping head, rotatable.
- Large crimping area up to 400 mm<sup>2</sup>.
- Supplied with R2 3/8 male coupler and dust cap.
- For connecting to hydraulic pumps with 700 bar operating pressure.
- Steel storage box.

Model	HHY-510F
Hydraulic Ram Output	13 Ton
Ram Stroke	38 mm
Crimping range(mm <sup>2</sup> )	50-400
Crimp pattern	Hexagonal type
Crimping dies(mm <sup>2</sup> )	50,70,95,120,150,185,240,300,400
G.W.(kg)	10
Packing size(mm)	380X190X120





### Hydraulic Crimping Heads, HHY-430F


**Characteristics:**

- Wide open C crimping head, rotatable.
- Large crimping area up to 400 mm<sup>2</sup>.
- Supplied with R2 3/8 male coupler and dust cap.
- For connecting to hydraulic pumps with 700 bar operating pressure.
- Steel storage box.

Model	HHY-430F
Hydraulic Ram Output	11 Ton
Ram Stroke	32 mm
Crimping range(mm <sup>2</sup> )	50-400
Crimp pattern	Hexagonal type
Crimping dies(mm <sup>2</sup> )	50,70,95,120,150,185,240,300,400
G.W.(kg)	8.9
Packing size(mm)	350X190X120

### Hydraulic Crimping Heads, HHY-400F


**Characteristics:**

- H head for deep groove crimping.
- Large crimping area up to 400 mm<sup>2</sup>.
- Supplied with R2 3/8 male coupler and dust cap.
- For connecting to hydraulic pumps with 700 bar operating pressure.
- Steel storage box.

Model	HHY-400F
Hydraulic Ram Output	11 Ton
Ram Stroke	22 mm
Crimping range(mm <sup>2</sup> )	50-400
Crimp pattern	Hexagonal type
Crimping dies(mm <sup>2</sup> )	50,70,95,120,150,185,240,300,400
G.W.(kg)	8.6
Packing size(mm)	380X190X120

### Hydraulic Crimping Heads, HHY-300F


**Characteristics:**

- Flip-top crimping head, rotatable.
- Large crimping area up to 300 mm<sup>2</sup>.
- Supplied with R2 3/8 male coupler and dust cap.
- For connecting to hydraulic pumps with 700 bar operating pressure.
- Steel storage box.

Model	HHY-300F
Hydraulic Ram Output	6.5 Ton
Ram Stroke	17 mm
Crimping range(mm <sup>2</sup> )	16-300
Crimp pattern	Hexagonal type
Crimping dies(mm <sup>2</sup> )	16,25,35,50,70,95,120,150,185,240,300
G.W.(kg)	9.7
Packing size(mm)	350X190X120



## Hydraulic Crimping Heads, HHY-35F

**Characteristics:**

- Compact C head, rotatable, for use in restricted spaces.
- Supplied with R2 3/8 male coupler and dust cap.
- For connecting to hydraulic pumps with 700 bar operating pressure.
- Steel storage box.

Model	HHY-35F
Hydraulic Ram Output	11 Ton
Ram Stroke	32 mm
Crimping range(mm <sup>2</sup> )	50-400
Crimp pattern	Hexagonal type
Crimping dies(mm <sup>2</sup> )	50,70,95,120,150,185,240,300,400
G.W.(kg)	8.9
Packing size(mm)	350X190X120

## Hydraulic Crimping Tool for workbench mounting

**For workbench mounting**  
**Large crimping range**

**Characteristics:**

- C opening head, easy to change crimping dies.
- Supplied with R2 3/8 male coupler and dust cap.
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible crimping results.



HHYF-400F

HHYF-240F



Model	Output force (ton)	Ram stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	G.W. (kg)	Packing size (mm)
HHYF-240F	10	22	16-240	16,25,35,50,70,95,120,150,185,240	Hexagonal type	8.5	190×120×320
HHYF-400F	12	25	50-400	50,70,95,120,150,185,240,300,400	Hexagonal type	16.7	190×120×320



## Hydraulic Crimping Tool with hand pump, HHY-500



### Characteristics:

- Yoke-type head design, solid and durable.
- Hand pump HHB-600A is lightweight and simple to use.
- High pressure hose 1.2 meters length.
- Positive die locking mechanism holds dies firmly in place.
- Retracts ram by turning anticlockwise the release knob on hand pump.
- Steel storage box.



Model	Output force (ton)	Ram stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	Pump model	G.W. (kg)	Packing size (mm)
HHY-500	20	22	16-400	16,25,35,50,70,95,120,150,185,240,300,400,500	Hexagonal type	HHB-600A	17.2	490×260×130

## Hydraulic Crimping Tool with hand pump, HHY-400AF



### Characteristics:

- Yoke-type head design, solid and durable.
- Hand pump HHB-600A is lightweight and simple to use.
- High pressure hose 1.2 meters length.
- Positive die locking mechanism holds dies firmly in place.
- Retracts ram by turning anticlockwise the release knob on hand pump.
- Steel storage box.



Model	Output force (ton)	Ram stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	Pump model	G.W. (kg)	Packing size (mm)
HHY-400AF	14	25	16-400	16,25,35,50,70,95,120,150,185,240,300,400	Hexagonal type	HHB-600A	14.5	490×260×120



## Hydraulic Crimping Tool with hand pump

### Characteristics:

- Hand pump HHB-600A is lightweight and simple to use.
- High pressure hose 1.2 meters length.
- Retracts ram by turning anticlockwise the release knob on hand pump.
- Steel storage box.

**HHY-300BF****HHY-300CF**

Model	Output force (ton)	Ram stroke (mm)	Crimping range (mm <sup>2</sup> )	Crimping dies (mm <sup>2</sup> )	Crimp pattern	Pump model	G.W. (kg)	Packing size (mm)
HHY-300BF	11	20	16-300	16,25,35,50,70,95,120,150,185,240,300	Hexagonal type	HHB-600A	11.6	490×260×130
HHY-300CF	11	30	16-300	16,25,35,50,70,95,120,150,185,240,300	Hexagonal type	HHB-600A	11.8	490×260×130

## Mechanical Crimping Tools

### Interchangeable hexagonal crimping dies 16-240 mm<sup>2</sup>

### Characteristics:

- Flip-top crimping head, rotating 360°.
- Telescopic lever handles.
- Fast change of crimping dies.
- Effort-saving and low maintenance mechanical drive.

**HHYJ-240****HHYJ-240H**

Model	Crimping range(mm <sup>2</sup> )	Crimp pattern	Crimping dies(mm <sup>2</sup> )	G.W.(kg)	Packing size(mm)
HHYJ-240	16-240	Hexagonal type	16,25,35,50,70,95,120,150,185,240	5	280X140X60
HHYJ-240H	16-240	Hexagonal type	16,25,35,50,70,95,120,150,185,240	5	280X140X60