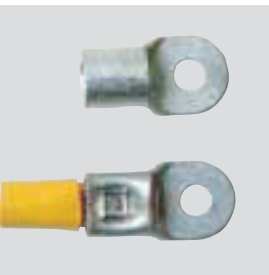


MODEL No.

12A

 Non-insulated terminals : 8, 14, 22, 38, 60, 70, 80,
 100, 150, 180, 200, 325 mm²


12A



Crimped sample

FEATURES

The 12A is a hydraulic indenting head for non-insulated terminals and sleeves up to 325mm².

When rolled-and-blazed connectors are installed, indenting crimp is applied. Indentation is made on the seam of connector for appropriate mechanical and electric characteristics of connected conductors.

The 12A is designed so that connected conductors meet JIS requirement as well as requirement for the tool itself.

This tool requires an external 700 bar hydraulic pump.

SPECIFICATIONS

Maximum input pressure: 700 bar

Oil volume required : 90 cc

Output force : 226 kN

SIZE

280 (L) mm

WEIGHT

7.5 kg

ACCESSORIES

 Steel carrying case
 with die tray

REMARKS

 Standard dies included
 in the set :

Indenter : 22-60, 70-100,
 150-325 mm² (3 pieces)
 Nest : 60, 80, 100, 150, 180, 200,
 325 mm² (7 pieces)

Optional dies sold separately :
 Indenter : 8-14 mm²
 Nest : 8, 14, 22, 38, 70 mm²

MODEL No.

AC-5NInsulated terminals : 2.0 mm² (blue)

AC-5N



Example of AC-5N Jaws

FEATURES

- * Capable of crimping several types of terminals up to 5.5mm² with interchangeable jaws.
- * Bench mounted, air operated AC-5N is suitable for continuous crimping for production line.

The AC-5ND comes with AF2 foot pedal.

AF2 foot pedal adjusts jaw butting time by air timer so that butting time is regulated regardless of operator. This will prevent spring back of crimped terminal and maintain constant crimp heights.

Price does not include any jaws.

SPECIFICATIONS

Applicable air pressure :
0.48~0.58 Mpa
Air consumption : 34 liters/min at
30 crimps/min
Output force :
12.7 kN at 0.48 Mp air pressure

SIZE

215 (L) x 135 (H) x 90 (W) mm

WEIGHT

2.7 kg with Foot pedal

ACCESSORIES

Standard foot pedal
Jaws are sold separately

REMARKS

Optional Jaw

Jaw #	Applicable terminals
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# 1 Jaw	: Non-insulated 1.25, 2, 5.5 mm ²
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# 3 Jaw	: Insulated 1.25 mm ²
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# 4 Jaw	: Insulated 2 mm ²
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# 5 Jaw	: Insulated 5.5 mm ²
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# 7A Jaw	: Closed End 1.3-3, 2-6 mm ²
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F-200 Jaw	: Tab 0.5-1.25, 2 mm ²
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Cutter Jaw	: Cu, Al wire 7 mm O.D.
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MODEL No.

16B

T-20 to T-365 Izumi C-Connectors

**SPECIFICATIONS**

Oil volume required : 44 cc
 Ram stroke : 25 mm

Force at die face :
 118 kN

SIZE

286 (L) mm

WEIGHT

4.5 kg

ACCESSORIES

T-154, T-190, T-240,
 T-288, T-365 dies

Steel carrying case

16B



16B shown with carrying case

FEATURES

Dies for smaller size C-Connectors and non-insulated terminals available.

Optional dies :

1 Dies for C-Connectors

T-20, T-26, T-44, T-60, T-76, T-98,
 T-122

2 Dies for non-insulated terminals

Indenter : 8-14, 22-60, 70-100 mm²
 Nest : 8, 14, 22, 38, 60, 80, 100 mm²

REMARKS

The #16B is a compression head designed to compress Izumi C-Connectors.

It has a 12 metric ton output suitable to compress C-Connectors up to T-365 (365 mm²).

An external 700 bar or 10,000 PSI pumping source is required for operation.

It comes with 5 sets of dies.
 (T-154, T-190, T-240, T-288 and T-365)

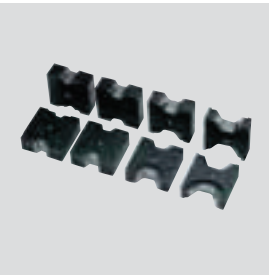
MODEL No.

EP-50H

Accepts BEKU type dies
Up to 150 mm² Cu lug



EP-50H



Example of dies

FEATURES

The EP-50H was designed to accept dies for BEKU type mechanical tool widely used in European countries.

The light weight and slim design is ideal for close quarter application such as connection in the switch box.
(Only 1.6 kg)

Positive latch type closed head provides easy insertion and removal of connectors.

This tool requires an external 68.5Mpa hydraulic pump.

SPECIFICATIONS

Ram stroke : 15 mm
Oil volume required : 18 cc
Force at die face : 52 kN

SIZE

250 (L) mm

WEIGHT

1.6 kg

ACCESSORIES

Steel carrying case with die tray

REMARKS

Dies are sold separately

- * Light weight, compact and slim design
- * Accepts BEKU type dies
- * Yoke and Latch type head for easy die changeover and easy removal of jointed conductor
- * Adjustable ram stroke. 10 - 15 mm
- * Single acting 68.5Mpa hydraulic power source required

MODEL No.

EP-410H

Accepts existing **12 ton** U-type dies

SPECIFICATIONS

Ram stroke : 25 mm
 Oil volume required : 42 cc
 Force at die face :
 106 kN

SIZE

285 (L) mm

WEIGHT

3.6 kg

ACCESSORIES

Steel carrying case with die tray



EP-410H



Example of dies

FEATURES

The EP-410H is a traditional C-head with a one inch jaw opening. It accepts all U-type dies currently used in 12 ton tool on today's market.

A 68.5Mpa or 10,000 PSI external pump is required to operate this tool.

Consult your connector manufacturer for exact cable, connector and die combinations.

This tool was designed to accommodate shell type dies for applying compression fittings to copper, aluminum, and ACSR conductor.

REMARKS

Dies are sold separately
 Specify the manufacturer's die and connector numbers.

* 25mm jaw opening

* Accepts all dies used for Alcoa, Burndy, T&B, Klauke, Cembre, and Blackburn 12 ton compressors

MODEL No.

EP-H130H

Accepts existing **12 ton** U-type dies,
dies for deep indent crimps



EP-H130H



Die holder & U-type dies

FEATURES

The EP-H130H is a H-head with a one inch jaw opening. It accepts all shell type dies and dies for deep indent crimps currently used in 12 ton tool on today's market.

A 68.5Mpa (10,000 PSI) external pump is required to operate this tool.

Consult your connector manufacturer for exact cable, connector and die combinations.

SPECIFICATIONS

Ram stroke : 28 mm
Oil volume required : 51 cc
Force at die face :
120 kN

SIZE

317 (L) mm

WEIGHT

4.2 kg

ACCESSORIES

Steel carrying case with die tray

REMARKS

Dies are sold separately.
Specify the manufacturer's die and connector numbers.

* 25mm jaw opening

* Accepts all dies used for Alcoa, Burndy, T&B, Klauke, Cembre and Blackburn 12 ton compressors, as well as dies for deep indent crimps.

MODEL No.

EP-431HAccepts existing **12 ton** U-type dies

EP-431H



EP-431H shown with carrying case

FEATURES

The EP-431H is a remote C-head that requires an external 68.5Mpa or 10,000 PSI pumping source for operation. This unit has a larger jaw opening than the EP-410H and EP-H130H.

The 31mm opening allows the user to compress larger splices up to 600KCM.

Consult your connector manufacturer for exact cable, connector and die combinations.

This tool was designed to accommodate U-type dies for applying compression fittings to copper, aluminum, and ACSR conductor.

SPECIFICATIONS

Ram stroke : 31 mm
 Oil volume required : 50 cc
 Force at die face :
 106 kN

SIZE

340 (L) mm

WEIGHT

4.6 kg

ACCESSORIES

Steel carrying case with die tray

REMARKS

Dies are sold separately.
 Specify the manufacturer's die and connector number.

* 31mm jaw opening

* Accepts all dies used for Alcoa, Burndy, T&B, Klauke, Cembre, and Blackburn 12 ton compressors

MODEL No.

EP-510HCAccepts existing **12 ton U-type dies**

EP-510HC



EP-510HC shown with carrying case

FEATURES

The EP-510HC is a remote C-head that requires an external 68.5Mpa or 10,000 PSI pumping source. It accepts all U type dies used with conventional 12 ton compression tools.

The larger jaw opening of 42mm accepts conductors and mid-span sleeve connections up to 750KCM.

Consult your connector manufacturer for exact cable, connector and die combinations.

This tool was designed to accommodate U-type dies for applying compression fittings to copper, aluminum, and ACSR conductor.

SPECIFICATIONS

Ram stroke : 42 mm
 Oil volume required : 77 cc
 Force at die face: 118 kN

SIZE

420 (L) mm

WEIGHT

5.7 kg

ACCESSORIES

Steel carrying case with die tray

REMARKS

Dies are sold separately. Specify the manufacturer's die and connector numbers.

* 42mm jaw opening

* Accepts all dies used for Alcoa, Burndy, T&B, Klauke, Cembre, and Blackburn 12 ton compressors

MODEL No.

EP-610HS2

Accepts BURNDY P dies
as well as **12 ton** U-type dies



EP-610HS2 shown with die adapter



Example of dies

FEATURES

The EP-610HS2 is a remote C-head that requires an external 68.5Mpa or 10,000 PSI pumping source.

It accepts Burndy P-type dies used in the Y46. When used with PU-Adapter, it will accept all U-type dies used with any 12 ton tool.

Consult your connector manufacturer for exact cable, connector and die combinations.

SPECIFICATIONS

Ram stroke : 50 mm
(45 mm with die adapter)
Oil volume required : 100 cc
Force at die face :
139 kN

SIZE

375 (L) mm

WEIGHT

6.9 kg

ACCESSORIES

Steel carrying case with die tray

REMARKS

Dies are sold separately.
Specify the manufacturer's die and connector numbers.

* 50mm jaw opening

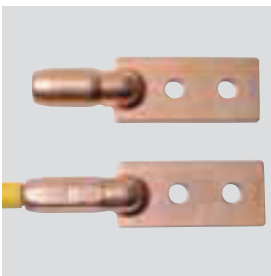
* Accepts Burndy P type dies

* Accepts all dies used for Alcoa, Burndy, T&B, Klauke, Cembre, and Blackburn 12 ton compressors when used with P-U Adapter

MODEL No.

EP-520CUp to 500 mm² Copper Conductor,
590mm² Aluminum Conductor

EP-520C



Compressed sample

FEATURES

The EP-520C is a single acting, 294kN press that is designed to compress Aluminum sleeves and lugs up to 590mm².

The EP-520C remote head requires an external 68.5Mpa or 10,000 PSI pumping source.

Simple and rigid frame type construction makes the press lighter yet durable.

SPECIFICATIONS

Ram stroke : 26mm between dies
Oil volume required : 132 cc

Output Force : 294 kN

SIZE

125 (Dia) x 380 (H) mm

WEIGHT

17.5 kg

ACCESSORIES

Steel Carrying case
Die case

REMARKS

Dies are sold separately.

* Specify the manufacturer's die and connector numbers.

* Simple and compact design

* Yoke type head

* 30 metric ton output

* Positive die locking mechanism

MODEL No.
EP-60S

Accepts existing **60 ton** U-type dies
Max. connector diameter : Approx. 60mm



EP-60S



EP-60S shown with HPE-4M



SPECIFICATIONS

Ram stroke : 38.5 mm
Oil volume required : 303 cc

Force at die face : 540 kN (60 short ton) at 68.5Mpa (10,000 PSI) of oil pressure

SIZE

146 (Dia) x 450 (H) mm with Ground stand

WEIGHT

22.0 kg

ACCESSORIES

Steel carrying case, Ground stand

Option :
Die adapter for 12 ton U-type dies

FEATURES

The EP-60S compression head was designed as a portable tool for installing compression sleeves and terminals for transmission construction and maintenance work.

It operates in any position and gives 540 kN of working force to accept commercial compression joints used for transmission construction.

REMARKS

Dies are sold separately.

- * Accepts all dies used for Alcoa, 60 ton compressors
- * Specify the manufacturer's die and connector numbers
- * Portable and light weight
- * Detachable ground stand as a standard accessory
- * Large handle for easy carrying
- * Single acting hydraulic pump required.

MODEL No.

EP-60D

Accepts existing **60 ton** U-type dies
 Max. connector diameter : Approx. 60mm



EP-60D



EP-60D shown with HPE-4

FEATURES

The EP-60D is a double acting 60 ton press. The benefits of double acting tools are fast ram retraction and elimination of the possibility of the tool jamming.

Double acting means hydraulically advancing and retracting the ram. When retracting the ram, a 4 way valve reroutes the hydraulic path to the retracting chamber.

It ensures the ram retracts hydraulically. As a result, the possibility of connector jamming is eliminated and at the same time the ram is retracted much faster. Ram retracting time is 1/3 of spring return EP-60S.

SPECIFICATIONS

Ram stroke : 38.5 mm
 Oil volume required : 303 cc

Force at die face : 517kN at
 68.5Mpa (10,000 PSI) of oil pressure

SIZE

260 (Dia) x 446 (H) mm with
 Ground stand

WEIGHT

23.0 kg

ACCESSORIES

Steel carrying case, Ground stand

Option :
 Die adapter for 12 ton U-type dies

REMARKS

Dies are sold separately.

- * Specify the manufacturer's die and connector numbers
- * Accepts all dies used for Alcoa, 60 ton compressors
- * Portable and light weight
- * Detachable ground stand as a standard accessory
- * Large handle for easy carrying
- * Double acting hydraulic pump required.
- The HPE-4 or HPE-4M is recommended to operate the EP-60D
- * No connector jamming
- * Porting : 1/4" NPSM Parker type male & female couplers
- * 3/8 BI type coupling available on order

MODEL No.

EP-100W

Max connector outer diameter : Approx. 75 mm
100 ton class compression head



EP-100W



EP-100W shown with HPE-4

FEATURES

The EP-100W is a 100 ton class compression head for full tension, transmission and substation connections and require an external double acting 68.5Mpa pumping source.

Double acting means hydraulically advancing the ram to build proper tonnage, then the hydraulic pressure is reversed to retract the ram. It expedites ram retracting time.

Removable die cap design helps operator with easy insertion and removal of the connector.

Dies are exclusive to this model not interchangeable with other make.

SPECIFICATIONS

Ram stroke : 22 mm
 Oil volume required : 314 cc
 Output force : 980 kN

SIZE

200 (Dia) x 350 (H) mm

WEIGHT

32.0 kg

REMARKS

Dies are sold separately.

- * Specify the manufacturer's die and connector numbers.
- * Light weight
- * Removable die cap for easy connector positioning
- * Simple design for easy maintenance
- * Double acting hydraulic pump required
- * The HPE-4 or HEP-4M Engine driven hydraulic pump is recommended to operate the EP-100W

MODEL No.

EP-200W

Max connector outer diameter : Approx. 100 mm
200 ton class compression head



EP-200W



EP-200W shown with HPE-4

FEATURES

The EP-200W is a 200 ton class compression head which accepts shell type dies exclusively designed for the EP-200W. It requires an external double acting 68.5Mpa pumping source.

Double acting means hydraulically advancing the ram to build proper tonnage, then the hydraulic pressure is reversed to retract the ram. It expedites ram retracting time as well as connector binding between dies.

Removable die cap design helps operator an easy insertion and removable of the connector.

SPECIFICATIONS

Ram stroke : 40 mm
 Oil volume required : 1,134 cc
 Output force : 1,960 kN

SIZE

270 (Dia) x 415 (H) mm

WEIGHT

84.0 kg

REMARKS

Dies are sold separately.

- * Specify the manufacturer's die and connector numbers.
- * Light weight
- * Removable die cap for easy connector positioning
- * Simple design for easy maintenance
- * Double acting hydraulic pump required
- * The HPE-4 or HPE-4M Engine driven hydraulic pump is recommended to operate the EP-200W