

HYDRAULIC PRESSHEADS



STORAGE

| Type | Dimensions mm | Weight kg | Supplied with the tool | Available upon request |
|--------------|---------------|-----------|------------------------|------------------------|
| VAL ECW-H3D* | 345x305xh90 | 4,2 | — | ✳ |

* Suitable for storage of the head and 10 sets of dies

ECW-H3D ACCESSORIES FOR CUTTING CONDUCTORS

| Die Type | Cutting Capacity | Conductor Type |
|--|-------------------|---|
| WT2-3D | Ø 20 mm | Cu, Alu, Aldrey and Alu-Steel |
| | Ø 20 mm | Extra flexible steel with ≥ 200 strands |
| This die is suitable to cut steel conductors (R ≤ 160 daN/mm ²) having the most common strandings, i.e.: | | |
| | 19 x 1,2 = Ø est. | 6,0 mm |
| | 7 x 3,0 = Ø est. | 9,0 mm |
| | 19 x 2,1 = Ø est. | 10,5 mm |
| | 19 x 2,3 = Ø est. | 11,5 mm |

general features

| Crimping force kN | Max operating pressure bar | Dimensions mm | | Weight kg |
|-------------------|----------------------------|---------------|-------|-----------|
| | | length | width | |
| 230 | 700 | 290 | 120 | 5,2 |

MAIN APPLICATION - max section mm²

| L.V. lugs and splices | Insulated terminals | "C" sleeve connectors | H.V. lugs and splices |
|-----------------------|---------------------|-----------------------|-----------------------|
| 630 | 300 | 240 | 630 |



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 80)

Adaptor type AU230-130D is available as an optional extra enabling

ECW-H3D



the head to utilise the semi-circular slotted dies which are common to most 130 kN tools.
Also available is a series of dies for the compression of DIN electrical connectors, and a die for cutting copper, aluminium, aldrely, aluminium-steel and steel conductors.



STORAGE

| Type | Dimensions mm | Weight kg | Supplied with the tool | Available upon request |
|----------|---------------|-----------|------------------------|------------------------|
| VAL 231* | 470x273xh96 | 7,2 | ✳ | — |

* Suitable for storage of the head and dies for aluminium compression



VAL 231

| Crimping force kN | Max operating pressure bar | Dimensions mm | | Weight kg |
|-------------------|----------------------------|---------------|-------|-----------|
| | | length | width | |
| 230 | 700 | 320 | 110 | 6,4 |

MAIN APPLICATION - max section mm²

| Alu lugs and splices | Cu lugs and splices |
|----------------------|---------------------|
| 500 | 630 |

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 80).

RHU 231



For crimping up to 500 sqmm aluminium.
Dies are available also for crimping copper connectors.



STORAGE

| Type | Dimensions mm | Weight kg | Supplied with the tool | Available upon request |
|------------------|---------------|-----------|------------------------|------------------------|
| VAL 230-630* | 405x230xh145 | 4,4 | ✳ | — |
| VAL MAT 230-630* | 290x260xh70 | 3,1 | — | ✳ |

* Suitable for storage of the head

** Suitable for storage of the accessories



VAL 230-630

VAL MAT 230-630

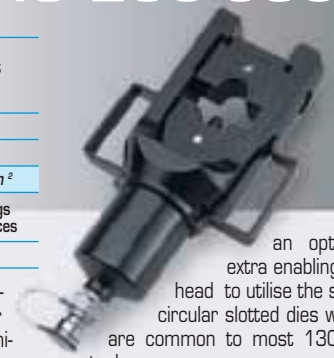
Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 80). It allows for crimping up to 630 sqmm aluminium (according to HN 68 S90). Adapter AU 230-130 C, is available as

RHU 230-630

| Crimping force kN | Max operating pressure bar | Dimensions mm | | Weight kg |
|-------------------|----------------------------|---------------|-------|-----------|
| | | length | width | |
| 230 | 700 | 365 | 193 | 9,0 |

MAIN APPLICATION - max section mm²

| Cu lugs and splices | Alu lugs and splices | "C" sleeve connectors | H.V. lugs and splices |
|---------------------|----------------------|-----------------------|-----------------------|
| 400 | 630 | 185 | 400 |



an optional extra enabling the head to utilise the semi-circular slotted dies which are common to most 130 kN tools.



STORAGE

| Type | Dimensions mm | Weight kg | Supplied with the tool | Available upon request |
|---------------|---------------|-----------|------------------------|------------------------|
| VAL 520* | 405x230xh145 | 4,4 | — | ✳ |
| VAL MAT 520** | 500x310xh68 | 5,6 | — | ✳ |

* Suitable for storage of the head

** Suitable for storage of 10 sets of dies



VAL MAT 520

VAL 520

| Crimping force kN | Max operating pressure bar | Dimensions mm | | Weight kg |
|-------------------|----------------------------|---------------|-------|-----------|
| | | length | width | |
| 520 | 700 | 306 | 200 | 18,0 |

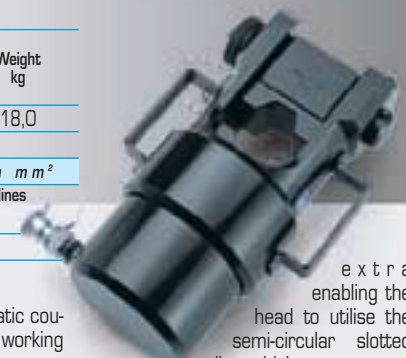
MAIN APPLICATION - max section mm²

| Lugs and splices | H.V. overhead lines |
|------------------|---------------------|
| 1200 | 630 |

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 80).

Adaptor type AU520-130C is available as an optional

RHU 520



extra enabling the head to utilise the semi-circular slotted dies which are common to most 130 kN tools.

These tools are supplied without dies.
For die selection, please refer to chart on pages 84 ÷ 88