



**FORCE**  
**100 Tonne**

**JAW OPENING**  
**17mm Between Dies Faces**

**CAPACITY**  
**Max connector outer diameter:**  
**Approx. 75mm**



EP-100W shown with Izumi HPE-4 pump (sold separately, Refer page 114)

## SPECIFICATIONS

Ram Stroke	17mm (Jaw opening)
Oil volume required	314cc
Output force	980 kN
Dimensions (mm)	200 (Ø) x 350 (h)
Weight	32.0 kg

## FEATURES

**The EP-100W is 100 ton class compression head for full tension, transmission and substation connections and requires an external double acting 700 Bar pumping source.**

Double acting means hydraulically advancing the ram to build correct tonnage, after-which 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 manufacturers.

## DETAILS

- Dies are sold separately  
**Refer page 35 for 100T Dies**
- 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
- Supplied without storage case



**- Refer page 116–117 for hydraulic coupling configurations and hoses, supplied standard with screw type couplings**

**MODEL No. EP-100W/SMVT-43**



**FEATURES**

**Mounted on Aluminium base, c/w protective Aluminium cage.**

This IZUMI EP100W double Acting 100 ton compression Head is also available with the SMVT-43 Directional Valve. When the valve is fitted with the compression Head it also includes an alloy base plate, pressure gauge & hydraulic couplings with carry handles for easy portability.

The SMVT-43 valve enables the operator to Crimp terminations right at the compression head.

The EP100W is operated by a double acting Power Pump.

We offer, Petrol driven, Battery Driven or Electrically operated Power Pumps to suit.

Included Items	100 Tonne Press ( <b>EP100W</b> ) & Riken Valve ( <b>SMVT-43</b> )
Weight	39.5kg
Dimensions (mm)	550 (L) x 200 (W) x 390 (H)

**100 TONNE DIES  
ACSR/AAC/AAAC**

Model No.	A/F (Across Flats) (mm)	Length Of Crimps Face (mm)
<b>100T-28.5AFAL</b>	28.5	75.0
<b>100T-34.5AFAL</b>	34.5	75.0
<b>100T-40.0AFAL</b>	40.0	75.0
<b>100T-44.5AFAL</b>	44.5	75.0
<b>100T-47.5AFAL</b>	47.5	75.0
<b>100T-48.0AFAL</b>	48.0	75.0

**ACSR INNER STEEL**

Model No.	A/F (Across Flats) (mm)	Length Of Crimp Face (mm)
<b>100T – 16.0AFST</b>	16.0	35.0
<b>100T – 17.0AFST</b>	17.0	35.0
<b>100T – 18.0AFST</b>	18.0	35.0
<b>100T – 19.0AFST</b>	19.0	35.0
<b>100T – 20.0AFST</b>	20.0	35.0

**ADAPTOR**

Model No.	Description
<b>100T – 60T</b>	100T Adaptor to suit standard 60 tonne dies.

Different manufacturers of crimps lugs have designed their lugs to be crimped at different A/F (Across Flats) dimension. Please check with your lug manufacturer before selecting ACSR / AA / AAAC die sets. Dies for copper conductors are available made to order.

**- Refer page 116–117 for hydraulic coupling configurations and hoses, supplied standard with screw type couplings**



**RIKEN SMVT-43 VALVE**  
Shown with 63mm Gauge Included

