

The hydraulic cutting tool series cuts both hard and soft classes of wires. The hard wire class including: ACSR aluminum wires with steel cores, soft copper-aluminum iron rods, steel strands, steel cables, reinforcing bars, etc. The soft wire class including: copper-aluminum cables, communication cables, and other wires (hard type tools can also cut the soft wires).

#### CPC-40A(Hard Type)



- ◆ A one-shaped EHV-hydraulic cutting machine uses two-stage manual oil output – high and low voltages. The max. output pressure: 700kgf/cm<sup>2</sup> (10000psi).
- ◆ Lightweight, easy to carry and operate, suitable for working high above the ground.
- ◆ The special alloy steel blade is made for nicely cutting hard wires without breaking.
- ◆ The operating handle grips are made with FRP materials, so it can be insulated from 20KV voltage for 5 minutes.
- ◆ The max. cutting opening: D38mm.
- ◆ The head part can be rotated upto 180-degree; it is able to coordinate with various angles.

**P.S.: It is recommended to use 5-degree blade to cut an ACSR aluminum wire.**

#### CPC-55A(Hard Type)

- ◆ A one-shaped EHV-hydraulic cutting machine uses two-stage manual oil output – high and low voltages. The max. output pressure: 700kgf/cm<sup>2</sup> (10000psi).
- ◆ Lightweight, easy to carry and operate, suitable for working high above the ground.
- ◆ The special alloy steel blade is made for nicely cutting hard wires without breaking.
- ◆ The operating handle grips are made with FRP materials, so it can be insulated from 20KV voltage for 5 minutes.
- ◆ The max. cutting opening: D55mm.
- ◆ The head part can be rotated upto 180-degree; it is able to coordinate with various angles.



#### CPC-85A(Soft Type)



- ◆ A one-shaped EHV-hydraulic cutting machine uses two-stage manual oil output – high and low voltages. The max. output pressure: 700kgf/cm<sup>2</sup> (10000psi).
- ◆ Lightweight, easy to carry and operate, suitable for working high above the ground.
- ◆ The special alloy steel blade is made for nicely cutting hard wires without breaking.
- ◆ The max. cutting opening: D85mm.
- ◆ The head part can be rotated upto 180-degree; it is able to coordinate with various angles.

| Item    | Output (Ton) | Opening (mm) | Cutting Capacity |      |                 |                   |                |               |                      |                        |                         |                    | Weight (kg) |
|---------|--------------|--------------|------------------|------|-----------------|-------------------|----------------|---------------|----------------------|------------------------|-------------------------|--------------------|-------------|
|         |              |              | Steel Wire(mm)   |      | Round Bar(mm)   |                   |                |               | Stranded Conduct(mm) |                        |                         | Telecom Cable (mm) |             |
|         |              |              | 6*7              | 6*12 | Soft Copper Bar | Soft Aluminum Bar | Soft Steel Bar | Reinforce bar | ACSR                 | Copper Aluminum strand | Steel wire strand (1*9) |                    |             |
| CPC-40A | 7.1          | 38           | 25               | 25   | 24              | 24                | 16             | 16            | 38                   | 38                     | 20                      | 38                 | 5.5         |
| CPC-55A | 7.1          | 55           | 25               | 25   | 24              | 24                | 16             | 18            | 38                   | 55                     | 20                      | 55                 | 6.5         |
| CPC-85A | 5            | 85           | —                | —    | —               | —                 | —              | —             | —                    | 28/38                  | —                       | 85                 | 8.5         |