

ROV Operated Cable and Umbilical Cutter

General Description

WC Cutter is a hydraulically-actuated manipulator-deployed tool designed to cut up to a 270mm diameter wire rope and subsea umbilical's. It consists of a hardened tool steel blade and side plates, a hydraulic cylinder, and a T-handle. The blade is attached to the cylinder ram between the anvil pin. The Hydraulically powered Anvil pin opens to allow the cutter to be placed on the cable/umbilical. By closing the anvil pin the cable/umbilical is held in place. When the cylinder is extended, the blade acts as a guillotine, severing the cable/umbilical between the blade and the side plates. The cylinder is then retracted to allow for the next cut.

Technical Data / Specifications

- **Pressure: 10,000 psi max input / 700bar**
- **Flow: 1 gpm max input**
- **Input Flow: 4-12gpm / 15-45lpm**
- **Opening: 19mm – 270mm**
- **Connection: 1/4" JIC**
- **Length: 216mm**
- **Width: 114mm**
- **Height: 254mm**
- **Porting: 8 SAE O-ring**
- **Motor: Stanley Hyrevz Gear**



Cutting Capacities	Model Number	Operation Pressure	Oil Capacity (cm3)	Weight (Kg)
100	HVC100	640bar	720	28.5
120	HVC120	640bar	785	35
155	HVC155	690bar	1676	162
250	HVC250	690bar	4560	289
270	HVC270	690bar	5320	352