The tool consists of continuous length of diamond impregnated wire which rotates around a pair of pulleys, one of which is directly driven in a hydraulic motor. The pulleys are mounted on a cutting bar, which can be raised or lowered hydraulically to control the cutting action.

A clamping mechanism is incorporated which holds the tool in position during the cut.

- Designed to cut materials from 150m (5.9") to 220mm (8.7") OD
- Alternative handles can be fitted to allow for different cutting orientations
- Hydraulic panel ensures tool receives correct oil flow and pressure
- Deployed by work-class Remotely Operated Vehicle (ROV) using its hydraulic supply. Alternatively deployed by divers and powered from surface hydraulic supply
- Carried to work site by ROV manipulator interface handle. Alternatively lowered in a basket for diver operation
# Specifications

## Materials
- **Body**: Aluminium tube
- **Drive Wheel**: Steel

## Hydraulic Supply to Hydraulic Panel
- **Pressure**: 210 Bar max
- **Flow**: 50l/min (13.2 gal/min)

## Supply Fluid
- Mineral oils or water based fluids

## Cutting Speed
- 1,250rpm

## Cutting Capacity
- 150mm (5.9") to 220mm (8.66") OD

## Weight
- **In Air**: 44kg (97lbs)
- **In Seawater**: 34kg (75lbs)

## Deployment
- Using manipulator or diver (requires safety modifications)

## Ancillary Equipment
- ROV mounted hydraulic panel. Or manual valves (for diver)

For further information contact: i-Tech.Tooling@Subsea7.com