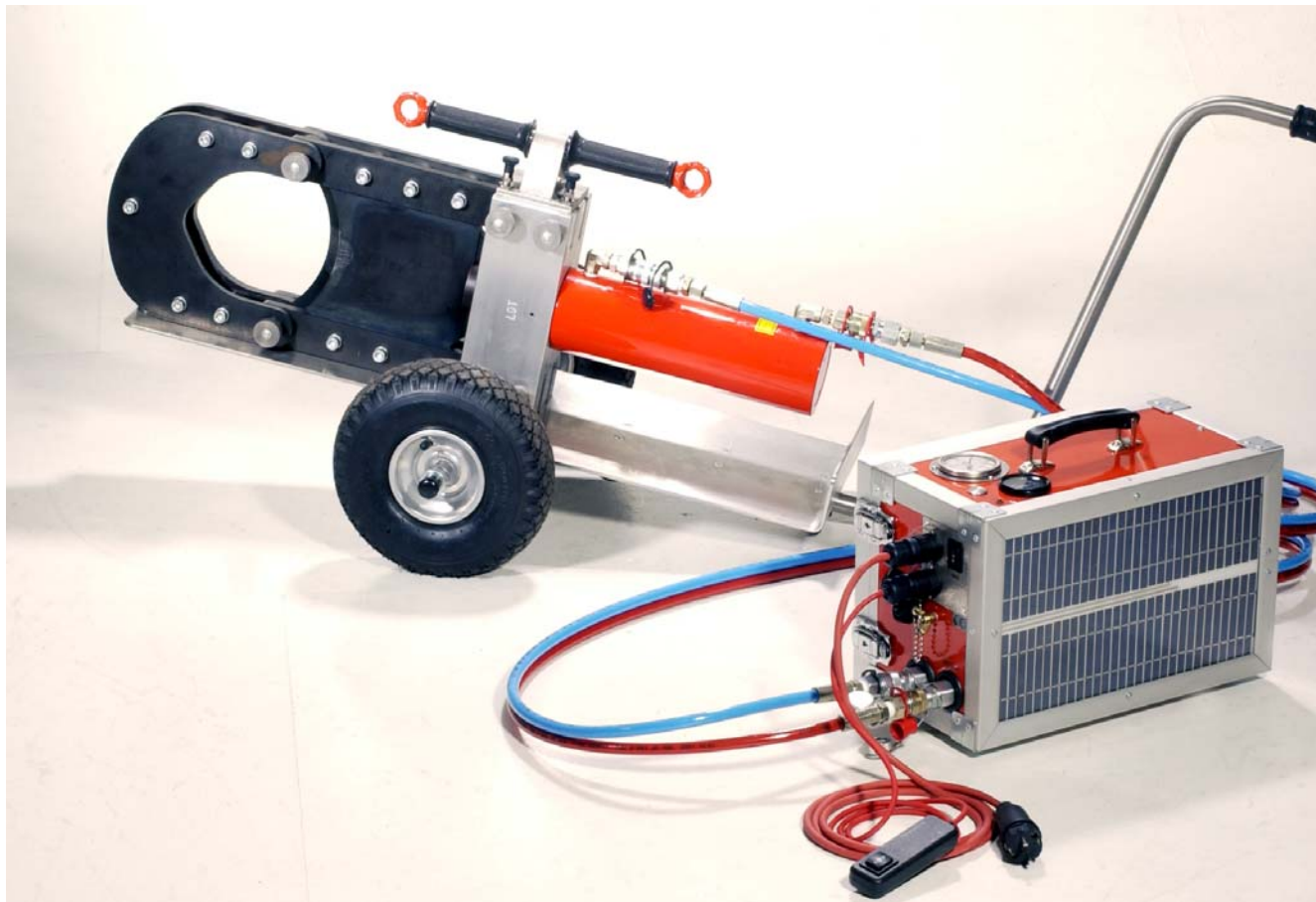


Hydraulic Cable Cutters Series SD Hydraulic Pumps Series ND and NA-D



Application

The Series SD cable cutters are used for cutting power cables with conductor cross sections up to 2500 mm² and an outer diameter of up to 220 mm. The conductor may be aluminum or copper.

Heavily armored cables, such as submarine cables can also be cut.

SD cable cutters are suitable for work in the field, including safe cutting of possibly energized power cables.

In the factory they are used for efficient cutting of cables for scrapping. A special high performance pump has been developed for this purpose. It allows continuous operation with high cutting speed.

Main Benefits

Cable Cutting Tool

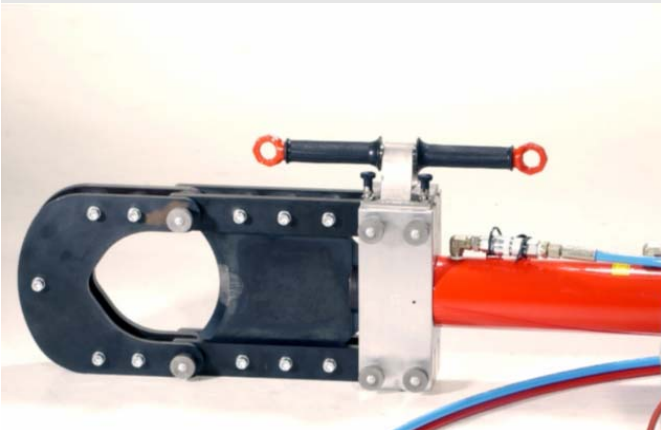
- Optimized design of the cutting blades resulting in a clean cut of the cable
- Blade never gets stuck due to double action cylinders which open and close the cutter by oil pressure
- Simple exchange of blades
- Compact design with low weight

Hydraulic Pump

- High performance pump for double action cylinders
- Pressure meter for monitoring forward and backward movement
- Built into a portable protective case
- Remote control of all functions via cable

Technical Data of Cutter

Model	SD160	SD220
Maximum cable diameter	160 mm	220 mm
Force	320 kN	320 kN
Reverse force	50 kN	50 kN
Operating pressure	700 bar	700 bar
Weight	50 kg	60 kg
Dimensions (m)	0.9x0.3x0.2	1x0.3x0.2



Cutters

The 2 Models are of similar design, but different in size.

The optimized geometry of the cutting head makes sure that the cable is positioned in the center of the force.

The cable cutters are of rugged design, protected against corrosion.

The attached double handle can be swiveled by 90° allowing 2 persons to carry the cutting head.

The handle can be replaced by a lug for hanging up the cutting head.

A cart for easy transportation is offered as an option.

Scope of Supply

- 1 Cutting head Model SDcomplete with knife
- 1 Pump Model ND....
- 1 Operating manual English

Optional

- 1 Spare cutting blade assembly
- 1 Cart for cutting head CC....
- 1 Cart for pump CP....

- 1 Pump 0.6 l/min with battery pack and charging unit Model NA-D230-24/6
- 1 Pump 2.5 l/min with battery pack and charging unit Model NA-D230-24/25

Technical Data of Pump

Model	ND230/6	ND230/25
Input voltage	230 V, 50 Hz	230 V, 50 Hz
Oil tank capacity	1 l	3 l
Oil flow	0.6 l/min	2.5 l/min
Operating pressure	700 bar	700 bar
Weight	18 kg	50 kg
Dimensions (m)	0.3x0.2x0.25	0.3x0.4x0.4

Pumps

There are two Models available, both compatible with the two cutters.

The pumps are of compact design built into a protective case, equipped with:

- pressure meter for cutting and withdrawal of knife
- Remote control, linked by cable
- Oil level indicator
- Self sealing hydraulic click couplings

The typical application of **Model ND230/6** is in the field or in the factory where a limited number of cuts per day are required.

Model ND230/25 is a high performance pump needed in the factory for scrapping of cables with a large number of cuts in continuous operation.

The high cutting speed of 10 mm/s allows to cut a thick cable in about 20 s.

Power Supply

230 V / 50 Hz is the standard supply voltage. Other voltages on demand.

As an option, a built-in battery pack and charging unit 24 V can be offered for both models.

This option allows to continue the cutting and the withdrawal of the knife in case of a mains failure.

Hivotec Ltd.
Im Bödeli 5
CH- 4102 Binningen
Switzerland

Phone + 41 61 303 90 11
Fax + 41 61 302 21 91
E-mail Al.Jenni@hivotec.com
URL www.hivotec.com