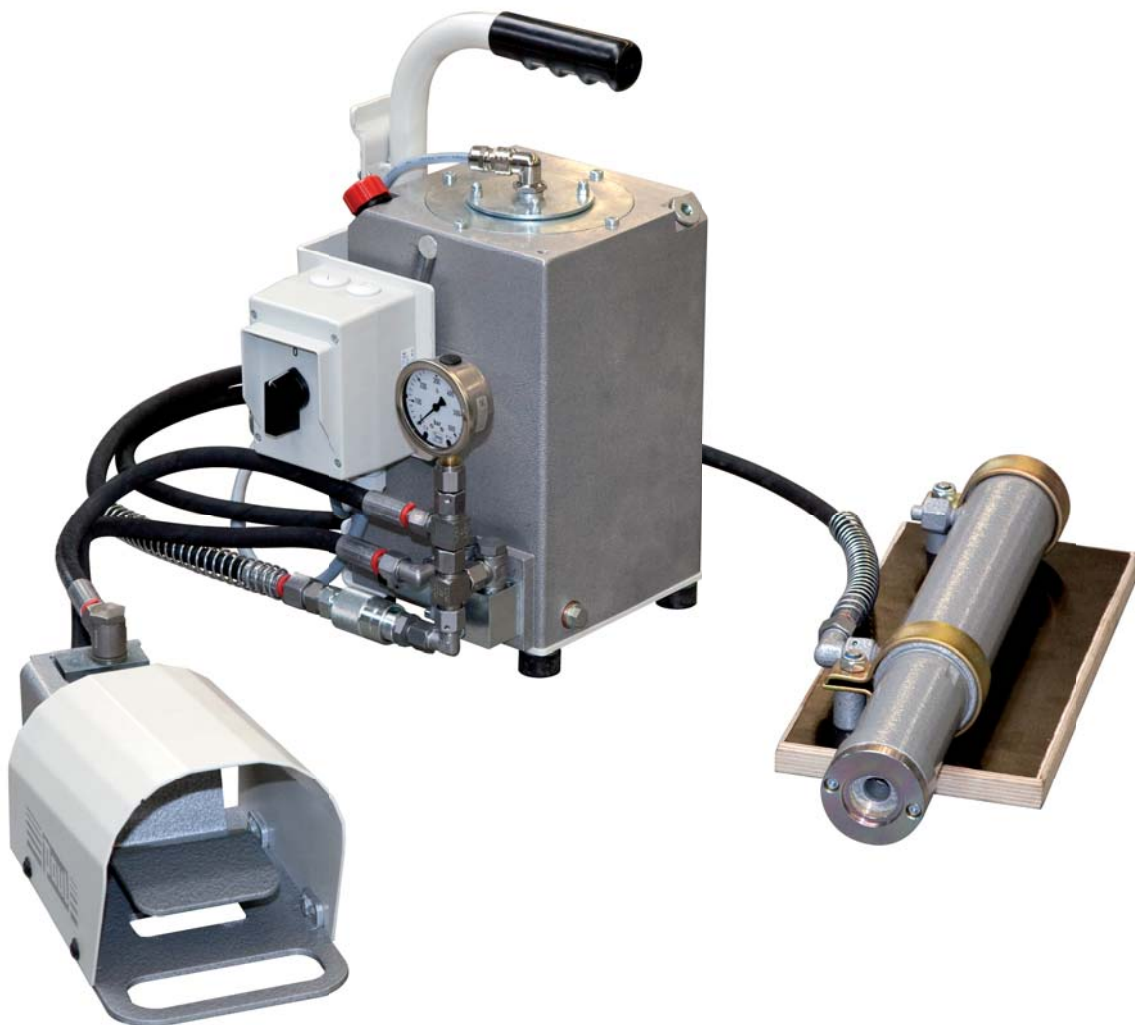


# Hydraulic Wedge Releasing Device



The hydraulic wedge releasing device is used to release cut-off wires/strands from open or enclosed anchor grips. As for stressing, the prestressing steel is gripped and pulled out of the barrel. The minimum projecting steel length required for attachment of the releasing device is 85 mm.

The wedge releasing device with a stroke of 30 mm is located on a base plate and fitted with a centering ring and a release element to center the prestressing steel, i.e. barrel concerned. The releasing operation is actuated by a foot switch that is connected via a 2.5 m long hose to a hydraulic mini pump unit.



Fig.: Different centering rings to suit different anchor grip diameters

# Technical Data

## Wedge releasing device

Max. stressing force (at 400 bar)	[kN]	60
Stroke	[mm]	30
Diameter x length of releasing device	[mm]	70 x 510
Base plate dimensions	[mm]	180 x 400
Weight	[kg]	12.5

## Mini pump unit incl. hydraulic coupling and pressure gauge

Flow rate (Three-phase/single-phase alternating current)	[l/min.]	2.4/1.5
Max. pressure (Three-phase and single-phase alternating current)	[bar]	510
Motor power (Three-phase and single-phase alternating current)	[kW]	1.5
Weight incl. foot switch	[kg]	32.0

# Ordering Data

Wedge releasing device	72-027.50
Clamping jaw, type 34, 0.5" For different jaws, see 83-601Bl.1 (type 34 P and type 34 M)	83-602.23
Centering ring A50-38/34	72-027.42
Centering ring A45-34	72-027.43
Centering ring A42-30/34	72-027.44
Centering ring A38-28	72-027.45
Centering ring A30-22	72-027.46
Centering ring A24-16	72-027.47
Centering ring A20.5-14	72-027.48
Release element Ø 8.2	72-027.52
Release element Ø 13.5	72-027.51
Release element Ø 16.5	72-027.41
Mini pump unit, Three-phase alternating current, 400 V/50 Hz	77-122.15
Mini pump unit, Single-phase alternating current, 230 V/50 Hz	77-120.20
Hydraulic hose ND8x2.5 m	13-069.23