

## HYDRAULICK PULSE TIGHTENER HPU 1700 WK, HPU 3500 WK (EMULSION DRIVE)

### Use and description:

Hydraulic pulse tightener **HPU 1700 WK** a **HPU 3500 WK** (hereinafter only tightener) is handheld tool used for tightening and loosening of bolts, nuts and anchors with size up to M 30. The torque moment is induced by impact of rotating impact mechanism. The tightener has been designed and constructed for using in working faces for tightening and loosening of the screw connections during assembly of working face and haulage drift conveyors etc. But it can be used on workplaces where the working medium source with necessary characteristics is available.

The tightener consists of the hydraulic satellite motor with controller, reversible controller and impact mechanism and of the handle.



HPU 1700 WK



HPU 3500 WK

### Characteristics:

Type		HPU 1700 WK	HPU 3500 WK
Max. tightening torque	Nm	1 700	3 500
Working medium		emulsion HFA with min. 1.50% concentration	
Working pressure	MPa	28	28
Liquid flow rate	dm <sup>3</sup> .min <sup>-1</sup>	3.5	4
Filtration	µm	50	50
Driving square spindle dimensions	inches	3/4"	1"
Hose connections		Steck DN 10	Steck DN 10
Dimensions	mm	270x90x225	300x120x290
Weight	kg	4.9	9.5

Type marking: **HPU 1700 WK, HPU 3500 WK**  
 HPU HYDRAULIC PULSE TIGHTENER  
 1700, 3500 max. tightening torque (Nm)  
 W WATER (water emulsion)

The product has been designed and constructed as equipment group I, category M2 (mine) according to the Directive 94/9/EC-ATEX of the European Parliament and the Council and meets the requirements for using it in area „hazardous atmospheric conditions 2“ according to EN 1127-2+A1 on conditions that all valid employer's regulations are fulfilled.

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