

## HYDRAULIC CHAIN SAW PRH 35 WK <sup>Ⓐ</sup>

### (EMULSION DRIVE)

#### Use and description:

Hydraulic chain saw **PRH 35 WK <sup>Ⓐ</sup>** with protective cover layer **ANTIAL<sup>®</sup>** (hereinafter only saw) has been designed and constructed only for hand controlled cutting of wood. The standard length of the chain guiding bar is 350 mm. Max. diameter of the wooden piece to be cut must not be over 340 mm (cutting from one side) or 690 mm (cutting from both sides).

The saw consists of following main parts: drive inserted into the body on which the protective cover layer **ANTIAL<sup>®</sup>** is applied, distribution cube, control handle, lubricator, front grip and front cover with stop valve.



**ANTIAL<sup>®</sup> <sup>Ⓐ</sup>** - protective cover layer on handheld tools manufactured from light metal alloys used in potentially explosive atmospheres, which eliminates the ignition of explosive mixture due to mechanical spark at fall of the tool on the rusty steel.

#### Characteristics:

| Type                                   |                                    | PRH 35 WK <sup>Ⓐ</sup>                        |
|--|------------------------------------|---|
| Working pressure                       | MPa                                | 28  |
| Max. pressure                          | MPa                                | 32  |
| Flow rate                              | dm <sup>3</sup> .min <sup>-1</sup> | 15  |
| Cutting speed                          | m.s <sup>-1</sup>                  | 10  |
| Oil tank volume                        | dm <sup>3</sup>                    | 0.25  |
| Chain type                             |                                    | 092 / 3/8"                                    |
| Chain guiding bar (standard)           |                                    | Oregon-poulan 350 mm                          |
| Chain brake                            |                                    | hydraulic - stop valve                        |
| Chain lubrication                      |                                    | impulse – piston pump with throttling control |
| Hose connections - feeding/waste hose  |                                    | DKOL M 18x1,5; DN 10/ DKOL M 22x1,5; DN 12    |
| Additional hoses - feeding/waste hoses |                                    | STECK DN 10/ STECK DN 12                      |
| Working medium                         |                                    | emulsion HFA with min. 1.5% concentration     |
| Filtration                             | µm                                 | 50  |
| Dimensions w x h x l                   | mm                                 | 168x234x740                                   |
| Weight                                 | kg                                 | 10.3  |

Type marking:

**PRH 35 WK <sup>Ⓐ</sup>**  
 PRH HYDRAULIC CHAIN SAW  
 35 standard length of the chain guiding bar in cm  
 WK WATER - KOEXPRO  
<sup>Ⓐ</sup> protective cover layer ANTIAL<sup>®</sup>

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

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