

**LUKAS****eDRAULIC RAM  
R 520 e<sup>3</sup> 93-40-11****NFPA**

## Technical Data

*Non-metric dimensions are for reference only.*

| Nomenclature                                     |   | Value                                 | Unit           | Remark   |
|--|---|---------------------------------------|----------------|--|
| <b>Dimensions</b>                                | L x W x H   | 502 x 140 x 327<br>19.8 x 5.51 x 12.9 | mm<br>in.      | retracted, w/o battery                         |
| <b>Length extended</b>                           |   | 1126<br>44.3                          | mm<br>in.      |  |
| <b>Stroke</b>                                    | piston 1  | 325<br>12.8                           | mm<br>in.      |  |
| <b>Force / spreading HSF</b>                     | piston 1  | 127<br>28600                          | kN<br>lbf.     | Highest Spreading Force                        |
| <b>Stroke</b>                                    | piston 2  | 299<br>11.8                           | mm<br>in.      |  |
| <b>Force / spreading HSF</b>                     | piston 2  | 60<br>13500                           | kN<br>lbf.     | Highest Spreading Force                        |
| <b>Stroke</b>                                    | total   | 624<br>24.6                           | mm<br>in.      |  |
| <b>Ambient temperature</b>                       |   | -20 ... +55<br>-4 ... +131            | °C<br>°F       |  |
| <b>Weight</b>                                    |   | 17,2<br>37.9                          | kg<br>lbs.     | incl. Hydraulic fluid, w/o battery             |
| <b>Weight battery 9 Ah</b>                       |   | 1,6<br>3.6                            | kg<br>lbs.     |  |
| <b>Weight battery 5 Ah</b>                       |   | 1,2<br>2.7                            | kg<br>lbs.     |  |
| <b>Protection class<br/>DIN EN 60529:2014-09</b> |   | IP 58                                 |                | Up to 60 minutes and a depth of up to 3 meters |
| <b>Extending / retracting time</b>               | >   | 2                                     | s              | w/o load                                       |
| <b>Noise pressure level</b>                      | idle mode<br>max. load  | 67<br>69                              | dB(A)<br>dB(A) | acc. to NFPA 1936<br>acc. to NFPA 1936         |
| <b>Rechargeable battery 1 / 2</b>                |   | 25,2<br>5,0 / 9,0                     | V DC<br>Ah     | Li-Ion, optional accessory                     |
| <b>Current consumption</b>                       |   | 7,3<br>42,7                           | A<br>A         | idle mode<br>max. load                         |
| <b>Operating pressure</b>                        |   | 50                                    | MPa            |  |
| <b>Note:</b>                                     | Since all values are subject to tolerances, minor differences may occur between the data of your equipment and this data. |                                       |                |  |
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Änderungen vorbehalten / Subject to revision