

**LUKAS****eDRAULIC RAM  
R 520 eWXT 90-45-11****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 19.8 x 5.51 x 12.9	mm in.	retracted, w/o battery
<b>Length extended</b>		1126 44.3	mm in.	
<b>Stroke</b>	piston 1	325 12.8	mm in.	
<b>Force / spreading HSF</b>	piston 1	127 28600	kN lbf.	Highest Spreading Force
<b>Stroke</b>	piston 2	299 11.8	mm in.	
<b>Force / spreading HSF</b>	piston 2	60 13500	kN lbf.	Highest Spreading Force
<b>Stroke</b>	total	624 24.6	mm in.	
<b>Ambient temperature</b>		-20 ... +55 -4 ... +131	°C °F	
<b>Weight</b>		17,2 37.9	kg lbs.	incl. Hydraulic fluid, w/o battery
<b>Weight battery 9 Ah</b>		1,6 3.6	kg lbs.	
<b>Weight battery 5 Ah</b>		1,2 2.7	kg lbs.	
<b>Protection class 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 max. load	67 69	dB(A) dB(A)	acc. to NFPA 1936 acc. to NFPA 1936
<b>Rechargeable battery 1 / 2</b>		25,2 5,0 / 9,0	V DC Ah	Li-Ion, optional accessory
<b>Current consumption</b>		7,3 42,7	A A	idle mode 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.			
<b>LUKAS Hydraulik GmbH</b>	Weinstraße 39 • D-91058 Erlangen • Tel.+49 9131/698-0 • Fax +49 9131/698-394			

Änderungen vorbehalten / Subject to revision