




EMPULSE R20

UNIQUE FOLDING PUSH DEVICE





PUSHING HAS NEVER BEEN SO EASY

With the new **Empulse R20** push device it has never been so easy to support the attendant pushing the wheelchair. Whether uphill  long trips, the R20 helps in every situation. With a unique folding function and only 5kg light, the R20 is easy to transport and is nearly ~~unnoticeable when self-propelling~~.





Empulse R20

UNIQUE FOLDING
FUNCTION

LIGHTWEIGHT

SELF PROPELLING

EMPULSE R20

KEY FACTS





UNIQUE FOLDABILITY

The R20 is the only foldable push device on the market

LIGHTWEIGHT

The lightest push device (< 5 kg) for attendants

SELF PROPELLING POSSIBILITY

The push device offers a free run allowing self propelling without detaching it, which allows highest ~~level of independence.~~

EASY HANDLING

The R20 design provides easy operation as well as fast docking & undocking

SMOOTH TRANSPORT

The folding ability and the lightweight of the R20 allow a smooth transport attached or separate from the wheelchair

RELIABILITY

The powerful motor with a lithium ion battery provides highest reliability

EXTENDED WARRANTY

The R20 offers an extended warranty on motor (3 years) and the lithium ion battery (2 years)

HIGH COMPATIBILITY

The push device fits on almost any wheelchair (box frame, tube diameter 22-28 mm)

EASY TRANSPORT THANKS TO UNIQUE FOLDING FUNCTION

The R20 is the only foldable push device on the market providing easy transport, handling and storing suitable for all situations in every day life.





EASY HANDLING

The R20 can remain on the chair also when folded.



EASY TO MOUNT AND DISMOUNT

The click fix docking system allows easy docking without using any tools. Only the small docking pin remains on the wheelchair which means low weight, no visibility and nice design.



MODERN BACK PACK

The lightweight of the R20 and the stylish back pack allows easy handling, easy transport & also easy adaptation to nearly any wheelchair.



EASY OPERATIONAL CONTROL UNIT





BATTERY CAPACITY INDICATION

EASY SPEED RANGE SETTING

3 DIFFERENT SPEEDS 2, 3.7 & 5 KM

QUICK RELEASE OF CONTROL UNIT

THE QUICK RELEASE FUNCTION ENSURES AN EASY AND SAFE TRANSPORT WITHOUT DISCONNECTING CABLES

EASY ON/OFF CONTROL

WHILE PUSHING THE BUTTON THE R20 IS EASILY MOVING FORWARD



MOTORISED WHEEL & LITHIUM ION BATTERY

MOTORISED WHEEL

A POWERFUL 250 W BRUSHLESS MOTOR WITH MUDGUARD. CONTAINS A SOLID, ROBUST AND LONG LASTING TIRE WHICH IS REPLACEABLE.

MAINTENANCE FREE





LITHIUM ION BATTERY

THE BAH PROVIDES A RANGE OF UP TO 15 KM. IT HAS A VERY LOW WEIGHT AND IS EASY REMOVABLE. CHARGING TIME: 4 H

Empulse R20

TECHNICAL DATA

EMPULSE R20 PUSH DEVICE

Weight:	3 kg	Total transport weight:	Max. 4.5 kg
Motor:	250 W, 36 V / 15 A, brushless motor with gearing	Estimated range:	15 km
Motor brake:	None, no rearward drive	Max. speed:	5 km/h (adjustable in 3 steps)
Battery:	Lithium ion 6 Ah	Max. slope:	18 % (10°)
Charging time:	2 - 4 h	Max user weight / load:	170 kg / 190 kg
Weight battery:	1.4 kg	Warranty:	2 year Battery, 3 year motor



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For further information on the full specification, options and accessories, please refer to the order form. All information is subject to change without notification. Please consult Sunrise Medical with any queries you may have.
If you are visually impaired, this document can be viewed in PDF format at www.SunriseMedical.eu.

