

# empulse R20

UNIQUE - FOLDING SLIDING SUPPORT





## PUSHING HAS NEVER BEEN SO EASY

With the new **empulse R20** Pushing aid has never been so easy to come forward. Whether uphill, downhill or long distances - the R20 supports in every situation. With only 5 kg, the foldable pushing aid is extremely light and easy to transport. In addition, the self-drive with built-R20 is possible.







**E**mpulse R20

UNIQUE  
folding function

LIGHTWEIGHT

SELF-DRIVING

# empulse R20

## HIGHLIGHTS

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#### **UNIQUE folding function**

The R20 is the only foldable pushing aid on the market

#### **LIGHTWEIGHT**

With less than 5 kg, the lightest pushing aid

#### **SELF-DRIVING**

Highest independence thanks to the integrated freewheel that allows itself to drive without the pushing aid decrease.

#### **EASY TO USE**

Ease of operation and quick docking and removal of the R20 thanks to clever design

#### **WORRY-TRANSPORT**

The folding function and the low weight of the R20 allow easy transport - mounted on the wheelchair

#### **RELIABILITY**

The powerful motor with lithium-ion battery provides maximum reliability

#### **EXTENDED WARRANTY**

An extended warranty on the motor (3 years) and the lithium-ion battery (2 years) are standard

#### **HIGH COMPATIBILITY**

The pushing aid fits most wheelchairs Requirements:  
Boxrahmen, pipe diameter 22-28 mm

# PORTABILITY

## THANKS

### UNIQUE folding function

The R20 is the only foldable pushing aid  
on the market, be mastered with all  
situations in everyday life

can.





### **EASY TO USE**

The R20 can also remain in the folded state to the wheelchair.



### **EASY INSTALLATION AND REMOVAL**

The Click-Fix docking system allows easy mounting without tools.



### **MODERN BACKPACK**

The low weight of R20 and stylish backpack allow easy transport.





**EASY TO USE**

**CONTROL**







**DISPLAY OF BATTERY CAPACITY**

**EASY SPEED ADJUSTMENT**

different speeds 0/2 / 3.7 and 5 km / h

**Quick release CONTROL**

The quick release ensures easy and  
safe transport without disconnecting the cables

**EASY ON / OFF CONTROL**

While pressing the button, the R20 moved  
easily forward



# MOTORIZED RAD & LITHIUM ION BATTERY

## MOTORIZED WHEEL

A powerful, brushless \* 250-watt motor with integrated fender and puncture-proof, durable tires.



\* Brushless motors are highly efficient and generate less heat and less noise than your traditional direct current motors.







#### LITHIUM ION BATTERY

The 5.8 Ah battery has a range of up to 15 km. She has a very lightweight and easy to remove. Charging time is 4.5 to 5 hours.

# Empulse R20

## TECHNICAL SPECIFICATIONS

### empulse R20 SLIDING SUPPORT

|                               |                                              |                                       |                                       |
|-------------------------------|----------------------------------------------|---------------------------------------|---------------------------------------|
| <b>Mass:</b>                  | 3 kg                                         | <b>Transport weight:</b>              | Max. 4.5 kg                           |
| <b>Engine:</b>                | 250 W, 36 V / 15 A brushless motor with gear | <b>Max. Range:</b>                    | 15 km *                               |
| <b>Engine brake:</b>          | No, no reverse gear                          | <b>Max. speed:</b>                    | 5 km / h (adjustable in three stages) |
| <b>Battery:</b>               | Lithium-ion 5.8 Ah                           | <b>Max slope.:</b>                    | 18% (10 °)                            |
| <b>Charging time:</b>         | 4.5-5 h                                      | <b>Max. Permissible total weight:</b> | 190 kg                                |
| <b>Weight of the battery:</b> | 1.4 kg                                       | <b>Warranty:</b>                      | 2 years Battery, 3 years motor        |

\* depending on the user's weight, topography, underground gear



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