



### ES 20 IS VDE battery powered hydraulic cutting tool 20 mm dia.



- ▶ Housing in Signal Orange for simple differentiation from standard tools
- ▶ Insulated and VDE certified to 1000 V for increased safety when working on potentially voltage-carrying parts
- ▶ For cutting Al/St conductors (ACSR) to DIN EN 50182, solid Al/Cu cables to DIN EN 60228, Class 1 and laminated copper bus bars
- ▶ Extremely robust design and lightweight
- ▶ Slim cutting head - ideal when space is critical
- ▶ All tool data in view thanks to the built-in display

#### Characteristics

- Choose your battery system: Bosch or Makita
- Open head, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display
- All data can be easily read out via Bluetooth

#### Suitable for

- Al/St wire (ACSR)



Technical data		
Head type	cutter open	
Cutting range	max. 18 mm dia. (depending on cable/wire type)	
Cutting force	23 kN	
Cutting cycle	2 s to 4 s (depending on cable size)	
Charging time	15 min.	
Weight incl. battery	2.1 kg	
Ambient temperature	-10° to +40 °C	
Item	Part No. <b>Bosch</b>	Part No. <b>Makita</b>
VDE battery powered hydraulic cutting tool 20mm dia.	<b>ES20ISB</b>	<b>ES20ISM</b>
Scope of supply		
Bosch battery 18 V / 2.0 Ah, Li-Ion	RALB1EU	
Bosch quick-charger for 18 V Li-Ion battery	LGLB1EU	
Makita battery 18 V / 1.5 Ah, Li-Ion		RAL1
Makita quick-charger for 18 V Li-Ion battery		LGL1
Plastic case	KK50IS	KK50IS
Accessories		
Bosch Akku 18 V / 5,0 Ah, Li-Ion	RALB2EU	
Makita battery 18 V / 3.0 Ah, Li-Ion (54 Wh)		RAL2
Replacement blade	ES20E	ES20E