

56 V BATTERY RANGE

Presentation **Summary**

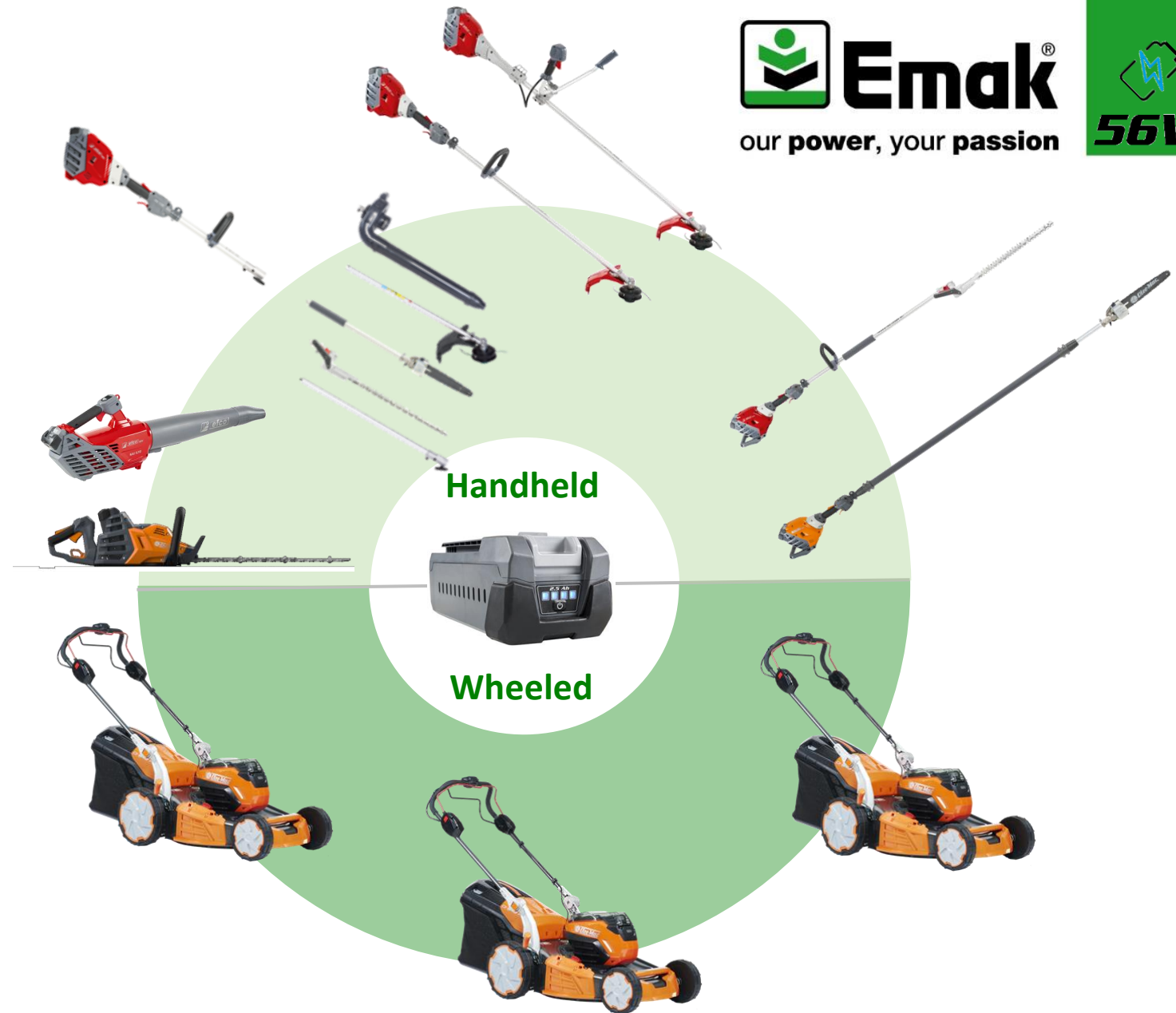
1. 56 V: a **real alternative** to petrol

- Market positioning
- Distinctive Attributes
- Setup
- Launch plan

2. Technical **Features**

3. Competition **Comparison**

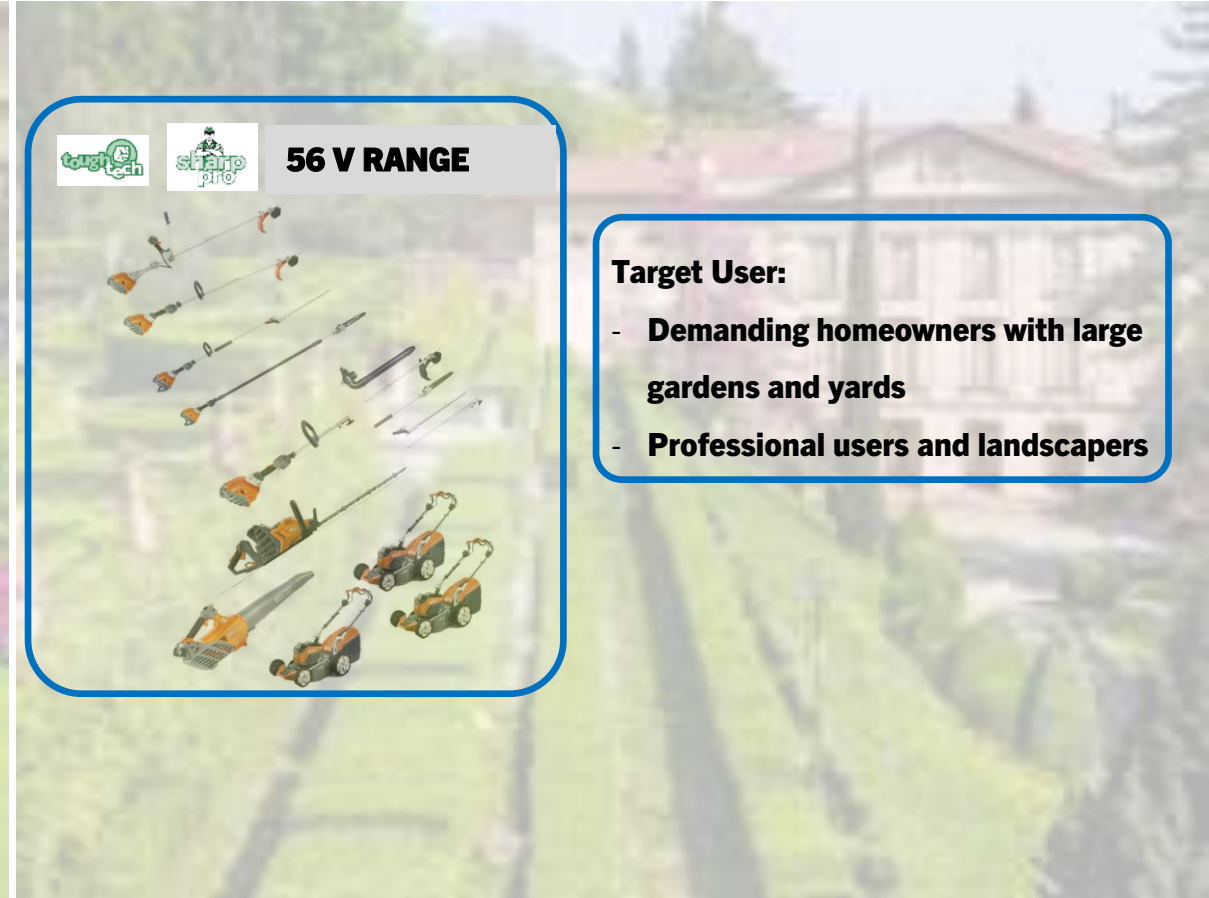
4. **Launch** Plan



56 V: A **Real alternative** to Petrol

Market Positioning

Work Intensity
Performance



Target User:

- **Demanding homeowners with large gardens and yards**
- **Professional users and landscapers**



HOBBY




SEMI PRO / PROFESSIONAL





User category


Battery / Electronics

 **Constant POWER** No Power decrease

 Brushless Motor


 Field Oriented Control Motor


 High Energy/Weight Ratio


 Low Charging Time




User Interface


 Complete Info display


 Integrated diagnostic system

 App for End User

Machine

 Performance

 High Reliability components

 Modular assembling

Distinctive **Attributes** - Battery / Electronics



No Power Decrease

Electronics designed to ensure constant performance until the battery is fully discharged (no progressive power reduction)



Brushless motor

State-of-the-art brushless motors for the entire 56V range, meaning high efficiency, reliability and low maintenance



Low charging time

Charging time is among the best of the category: only 25 minutes are required for charging 100 Wh.



High energy/weight ratio

Due to the use of 21700-type lithium cells, batteries have a low weight related to the energy they deliver



Field oriented control motor

It means that battery power is spent optimally by limiting dispersion and providing the longest possible charge life



Distinctive **Attributes** - Machine



Performance

Performance truly comparable to petrol models: each machine is designed to equal or exceed the equivalent petrol model



High Reliability Components

Featuring the same mechanical components already in use for the Emak heavy-duty machines (cutting tools and connecting parts)



Modular Assembly

Every part of the machines, in both mechanical and electronic components, is easily accessible, disassembled and replaceable. This makes any maintenance work easy



Distinctive **Attributes** - User Interface



Complete info Display

User can view residual battery charge, selected speed level, and alert advise. Bright LEDs make the information visible even in sunny areas



User App

App available for the end user to store information on machines owned, work sessions, and connection to official media and social channels.



Integrated diagnostic system

With dedicated app on smartphones, via Bluetooth connection, authorized Emak service centers have a tool to guide the repair or replacement of components.



Range 56 V – 2024 Launch Plan



Brushcutter: **BCi 530 S – BCi 530 T / DSi 530 S – DSi 530 T**

Multifunction: **BCi 530 D / DSi 530 D**

Pole Hedgetrimmer: **BCi 530 HL / DSi 530 HL**

Telescopic Pole Pruner: **PPXi 530 / PTXi 530**

Hedgetrimmer: **HCi 560 / TGi 560**

Blower: **BVi 570 / SAi 570**

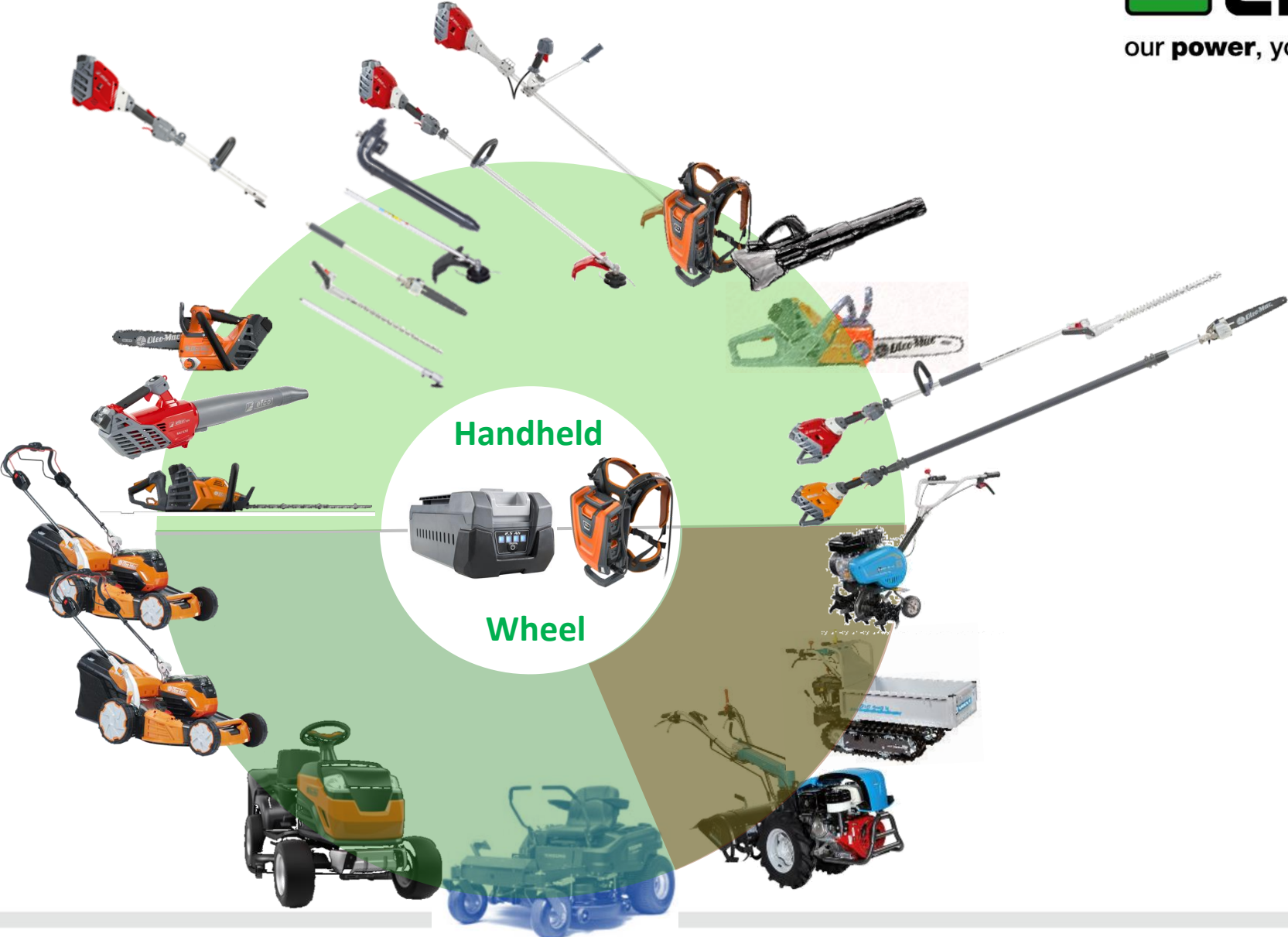
Lawnmower: **Gi 548 P – Gi 548 V – Gi 553 V / L Ri 548 P – L Ri 548 V – L Ri 553 V**



Batteries: **Bi 525 – Bi 540 – Bi 580**



Range 56 V – A **Complete** Battery Ecosystem



Range 56 V – **Launch Plan** 2024 Summary



| 2024 | may | june | september | |
|--------------|------------------------|--|-----------------------------|-----------------------------|
| with display | Brushcutter | BCi 530 S - BCi 530 T DSi 530 S - DSi 530 T | | |
| | Multifunction | BCi 530 D / DSi 530 D | | |
| | Pole hedgetrimmer | BCi 530 HL / DSi 530 HL | | |
| | Telescopic Pole Pruner | | PPXi 530 / PTXi 530 | |
| | Blower | BVi 570 / SAi 570 | | |
| | Lawnmower | Gi 548 P / LRi 548 P | Gi 548 V / LRi 548 V | Gi 553 V / LRi 553 V |
| | Hedgetrimmer | | | HCi 560 / TGi 560 |

Technical **Features**

Data and illustrations are not binding where specifications of materials are concerned, given that these will always be subject to technical changes. Technical specifications are subject to change without notice, as also are directions relating to general use of the equipment.

Plus points summary

✔ Display more complete than majority of competitors



1. Speed level

▶ speed level selected with speed adjustment button in the middle of handle

2. Battery charge level

▶ variable color according to charging level of battery

3. Smartphone Connection

▶ for connecting tools to user smartphone or diagnostic app for Service Centre. Every data of use is saved in tool digital memory

4. Maintenance Alert

▶ it indicates that a stop for the tool is occurred. The situation can be solved by an authorized Service Center

5. Temporary stop

▶ signal for temporary error that can be solved by user (i.e. over temperature)

Smartphone Connection



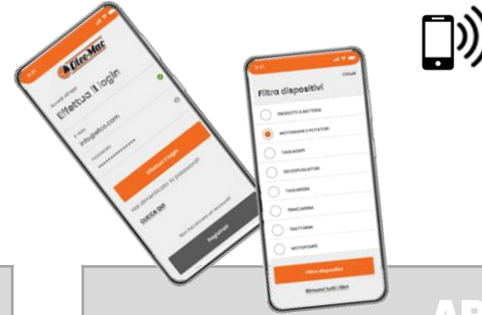
APP FOR DIAGNOSTIC OPERATION

With dedicated app on smartphones, via Bluetooth connection, authorized **Emak Service Centers** have a tool to guide the repair or replacement of components

Every tool is designed with **CAN-bus technology** that allows to transfer a very high numbers of data, enhancing the traceability of data use

Thanks to this app Service **doesn't need other tools** for diagnostic operations

App allows to see and **download the most important working data**, such as when the machine worked and the duration of the working time, the position where the last data detection took place.



APP FOR END USER

App for final user with complete info about tools and batteries registered, and easy access to official media channels.

List of every tool and battery purchased

Work hours done

Access to official Emak media channels (user manuals, contacts of closer Emak shops)

Download available from all digital stores

Batteries and Charger Bi 525, Bi 540, Bi 580, CRG 520



Bi 580



Bi 540



Bi 525



CRG 520

Plus points summary

- ✓ Good Energy to Weight Ratio
- ✓ Low charging time

Batteries Bi 525, Bi 540, Bi 580


























| BATTERY | | Bi 525 | Bi 540 | Bi 580 |
|--------------------|---------|---------------|---------------|----------------|
| Voltage | V | 56 V | 56 V | 56 V |
| Dimensions | mm | 190 x 94 x 77 | 190 x 94 x 77 | 190 x 94 x 123 |
| Weight | kg | 1.14 kg | 1.48 kg | 2.70 kg |
| Capacity | Ah | 2.5 Ah | 4.0 Ah | 8.0 Ah |
| Energy | Wh | 126 Wh | 202 Wh | 403 Wh |
| Specific Energy | Wh / kg | 111 Wh/kg | 136 Wh/kg | 149 Wh/kg |
| Type of cells | - | 21700 | 21700 | 21700 |
| Charging Time 80% | min | 29 min | 29 min | 65 min |
| Charging Time 100% | min | 35 min | 45 min | 80 min |




Plus points summary

- ✓ Good Energy to Weight Ratio
- ✓ Low charging time

Batteries – Compatibility Chart

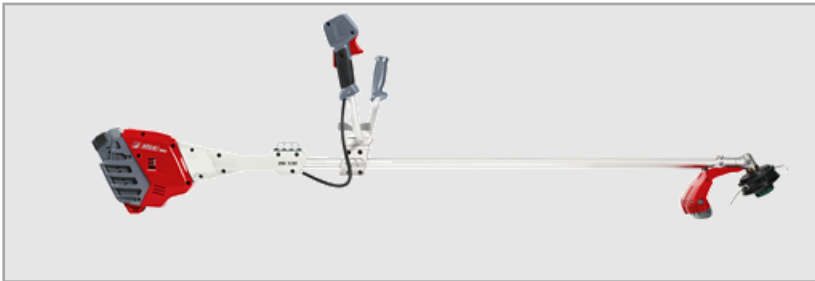


| BATTERY | | Bi 525 | Bi 540 | Bi 580 |
|------------------------|--------------------------------------|---|---|---|
| Brushcutter | BCi 530 S / BCi 530 T |  |  | * |
| | BCi 540 S / BCi 540 T |  |  |  |
| Multifunction | BCi 530 D |  |  | * |
| Telescopic Pole Pruner | PPXi 530 |  |  | * |
| Pole Hedgetrimmer | BCi 530 HL |  |  | * |
| Blower | BVi 570 |  |  | * |
| | Bvi 590 |  |  |  |
| Lawnmower | Gi 548 P / Gi 48 V / Gi 553 V |  |  |  |
| Hedgetrimmer | HCi 560 |  |  | * |
| Chainsaw | GSTi 525 |  |  | * |

 Suggested
 Compatible
 Not compatible

 * Only with the backpack support

Brushcutter BCI 530 S - BCI 530 T / DSI 530 S - DSI 530 T



Plus points summary

- ✓ Low weight
- ✓ Good runtime
- ✓ Mechanical power of a 27-30 cc

Brushcutter BCI 530 S - BCI 530 T / DSI 530 S - DSI 530 T



Plus points summary

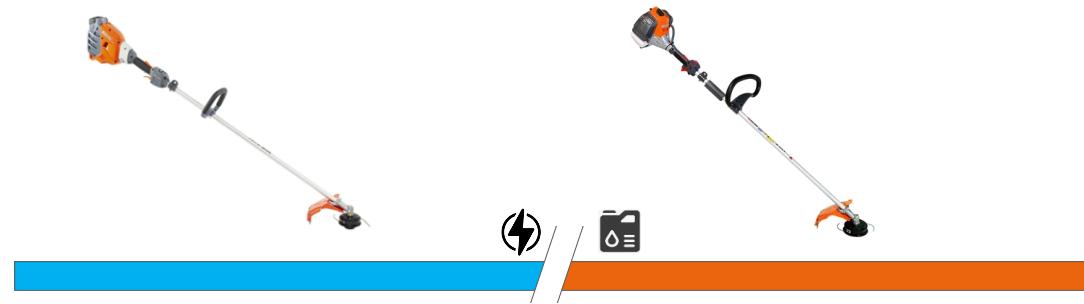
- ✓ **Low weight**
- ✓ **Good runtime**
- ✓ **Mechanical power of a 27-30 cc**



😊 ***New «spiral line»** designed to ensure strength and reduced noise

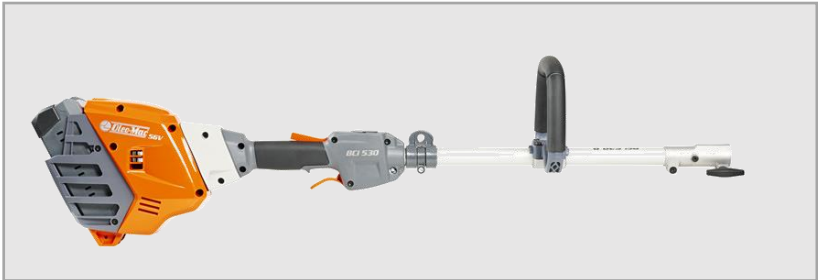
| | | BCI 530 S / DSI 530 S | | BCI 530 T / DSI 530 T | |
|---|---------------|---|---|---------------------------|--|
| Max Electrical Power | kW | 1.150 kW | | | |
| Voltage | V | 56 V | | | |
| Max Mechanical Power At Bevel Gear Output | kW | 1 kW (1.3 HP) | | | |
| Max cutting tool speed | rpm | 6800 rpm | | | |
| Ø Transmission tube (Ø Shaft) | mm | 26 (steel shaft 7 mm - hollow) | | | |
| Bevel Gear | | with male thread M10 | | | |
| Harness | | Single | Single with pad | | |
| Antivibration system | | self lubricating brass and rubber bushings in drive shaft | | | |
| Cutting Tool* | Included | Load & Go Ø 110 mm Nylon line Ø 2.4 mm | Load & Go Ø 110 mm Nylon line Ø 2.4 mm | 3 tooth blade Ø 255 mm | |
| | Compatible | 3 tooth blade Ø 255 mm | | - | |
| Ø Cutting Width (with cutting Head) | mm | 390 mm | | | |
| Weight (without cutting tool) | kg | 3.8 kg | 4.3 kg | | |
| Weight (con Bi 540) | kg | 5.3 kg | 5.8 kg | | |
| Runtime (with cutting head) – Bi 540 | Light use | Up to: | 33 min | | |
| | Intensive Use | Up to: | 20 min | | |
| Runtime (with cutting disc) – Bi 540 | Light use | Up to: | 45 min | | |
| | Intensive Use | Up to: | 30 min | | |

Battery vs Petrol - BCI 530 / DSI 530 vs BC 270



| | BCI 530 S / DSI 530 S | BC 270 S / DS 2700 S |
|---------------------------------------|--|---|
| Motor | Brushless | 2 stroke engine |
| Max Power | Electrical Power: 1.15 kW | Motor Power: 1.0 kW Displacement: 27 cm ³ |
| Mechanical Power at bevel gear output | 1.0 kW (1.3 HP) | 1.0 kW (1.3 hp) |
| Transmission Tube Diameter | 26 mm | 26 mm |
| Weight (without cutting tool) | 3.8 kg | 5.7 kg |
| Weight with battery Bi 540 / with mix | 5.3 kg | 6.3 kg |
| Cutting Tool | Cutting Head Load&Go Ø 110 mm Ø 2.4 mm Nylon line | Cutting Head Load&Go Ø 110 mm Ø 2.4 mm Nylon line |
| | 3 Tooth blade Ø 255 mm | 3 Tooth blade Ø 255 mm |

Multifunction Brushcutter BCI 530 D / DSi 530 D



Plus points summary

- ✓ Low weight
- ✓ Good runtime
- ✓ Mechanical power of a 27-30 cc
- ✓ Same tools of petrol engine multifunction brushcutter

Multifunction Brushcutter BCI 530 D / DSI 530 D

| BCi 530 D / DSI 530 D | | |
|---|----|--------|
| Max Electrical Power | kW | 1150 W |
| Voltage | V | 56 V |
| Max Mechanical Power At Bevel Gear Output | kW | 1 kW |
| Weight (without Cutting Tool) | kg | 3.8 kg |

| | | Brushcutter |
|---|----------|---|
| Bevel Gear | | M10 male thread |
| Max Mechanical Power At Bevel Gear Output | HP / kW | 1.34 HP / 1,0 kW |
| Drive Shaft (Ø) "Outer / Inner" | mm | 26 mm |
| Max Torque | Nm (rpm) | 1.4 Nm |
| Max Tool Speed At Motor Max Speed (A) | rpm | 6800 rpm |
| Bevel Gear (B) | | 1.4 |
| Max Motor Speed (Axb) | rpm | 9500 rpm |
| Cutting System | | Load & Go Ø 130 mm, Nylon line Ø 2.4 mm |
| Cutting Guard | | plastic |

| | | Pruner |
|---|-----------|-----------------------|
| Tube diameter / shaft diameter | mm | 26 / steel shaft 7 mm |
| Bar length | mm (inch) | 254 mm (10") |
| Chain (pitch x gauge) | inch | 1/4" - 0.043" |
| Oil tank capacity | l | 0.18 |
| oil pump | | adjustable |
| Weight of application / application + BCI 530 D | kg | 2.95 kg / 3.76 kg |
| Machine overall length | m | 2.14 m |



Plus points summary

- ✓ **Low weight**
- ✓ **Good runtime**
- ✓ **Mechanical power of a 27-30 cc**
- ✓ **Same tools of petrol engine multifunction brushcutter**

Multifunction Brushcutter BCI 530 D / DSI 530 D

| BCI 530 D / DSI 530 D | | |
|---|----|--------|
| Max Electrical Power | kW | 1150 W |
| Voltage | V | 56 V |
| Max Mechanical Power At Bevel Gear Output | kW | 1 kW |
| Weight (without Cutting Tool) | kg | 3.8 kg |

| Hedgetrimmer | | |
|---|----|---------------------------------|
| Blade length | mm | 550 mm |
| Blade pitch | mm | 35 mm |
| Blades | | adjustable through 11 positions |
| Tube diameter / shaft diameter | mm | 26 / steel shaft 7 mm |
| Weight of application / application + BCI 530 D | kg | 2.14 kg / 2.95 kg |
| Machine overall length | m | 1.88 m |

| Blower | | |
|---|-------------------|-----------------------|
| Air flow rate | m ³ /h | 600 m ³ /h |
| Air velocity | m/s | 60 m/s |
| Tube diameter / shaft diameter | mm | 26 / steel shaft 7 mm |
| Weight of application / application + BCI 530 D | kg | 1.5 kg / 2.31 kg |

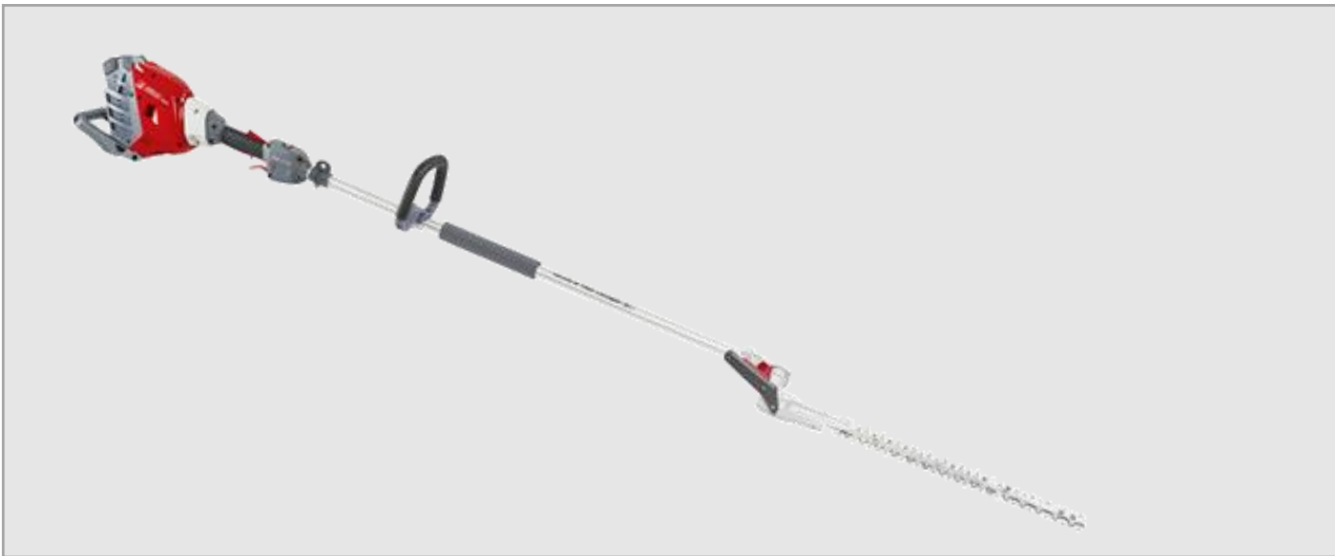
| Pole Shaft | | |
|---------------|----|--------|
| weight | kg | 0.7 kg |
| Tube Diameter | mm | 26 mm |
| Shaft Length | mm | 750 mm |
| weight | kg | 0.7 kg |



Plus points summary

- ✓ **Low weight**
- ✓ **Good runtime**
- ✓ **Mechanical power of a 27-30 cc**
- ✓ **Same tools of petrol engine multifunction brushcutter**

Pole Hedgetrimmer BCI 530 HL / DSI 530 HL



Plus points summary

- ✓ High cutting speed (top in class)
- ✓ Low weight
- ✓ Adjustable blade position

Pole Hedgetrimmer BCI 530 HL / DSi 530 HL



| | | BCI 530 HL |
|-----------------------------------|---------------|---------------------------|
| Electric Motor | | brushless |
| Max Electrical Power | HP / kW (rpm) | 1.5 HP / 1.15 kW |
| Voltage | V | 56 V |
| Stroke Rate | cut/min | 4600 cut/min |
| Total Length | m | 2.4 m |
| Weight | kg | 5.37 kg |
| Blade Length | mm | 550 mm |
| Blade Pitch | mm | 35 mm |
| Type Of Blade | | adjustable (11 positions) |
| Drive Shaft (Ø) "Outer / Inner" | mm | 26 (steel shaft 7 mm) |

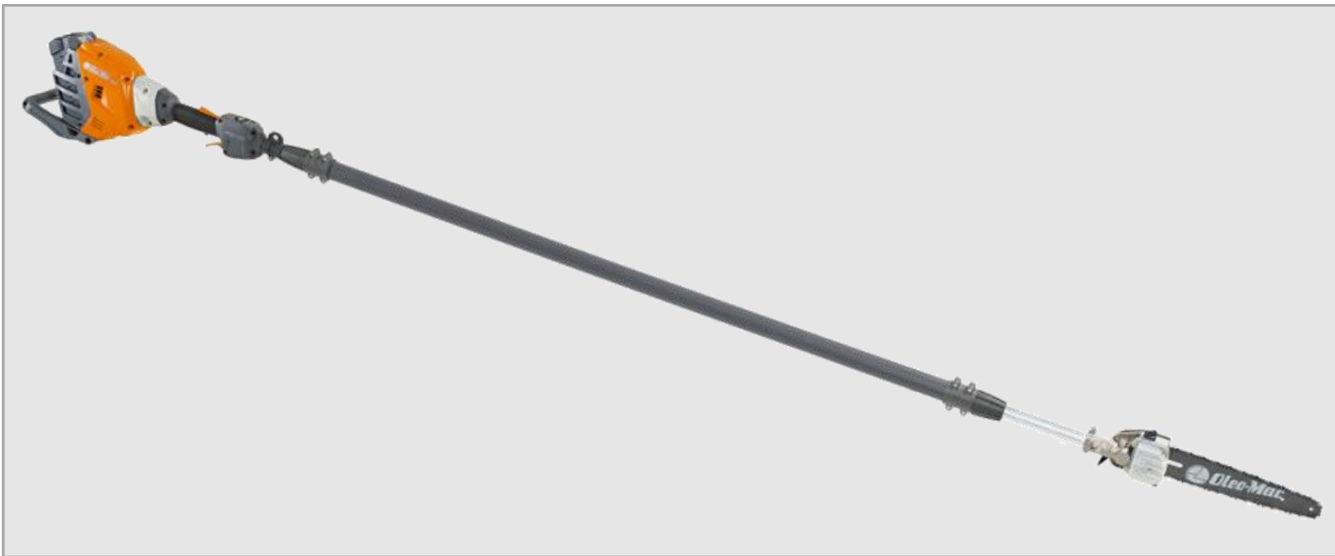
Plus points summary

- ✓ High cutting speed (top in class)
- ✓ Low weight
- ✓ Adjustable blade position

Adjustable blade position



Telescopic Pole Pruner PPXi 530 / PTXi 530



Plus points summary

- ✓ High cutting speed
- ✓ Low weight
- ✓ Precise cut

Telescopic Pole Pruner PPXi 530 / PTXi 530



| PPXi 530 / PTXi 530 | | | |
|---------------------|---------------------------|-----------|-----------------------------|
| | Motor | | brushless |
| | Max Electrical Power | HP / kW | 1.5 HP / 1.15 kW |
| | Voltage | V | 56 V |
| TRANSMISSION SYSTEM | | | |
| | Drive Shaft (Ø) | | Keyed aluminium |
| | Overall Length Machine | M | 2.65 m / 3.85 m |
| | Bevel Gear | | 1.375 : 1 |
| ERGONOMICS | | | |
| | Harness | | ingle |
| | Front Handle | | Rubber |
| | Rear Handle | | Standard with safety device |
| CUTTING SYSTEM | | | |
| | Bar Length | mm (inch) | 254 mm (10") |
| | Chain Pitch | Inch | 1/4" x .043" |
| | Chain Speed | m/s | 20 m/s |
| | Oil Tank Volume | L | 0.18 l |
| | Oil Pump | | Adjustable |
| | Pinion Teeth (N°) | | 8 |
| | Weight (No Bar And Chain) | kg | 6.20 kg |

Plus points summary

- ✓ High cutting speed
- ✓ Low weight
- ✓ Precise cut

Blower BVi 570 / SAi 570



Plus points summary

- ✓ **Low weight**
(blower with battery)
- ✓ **Full optional control**
(proportional trigger, speed levels, Cruise Control, Boost)
- ✓ **Adjustable tube**
- ✓ **Harness Hooks**

Blower BVi 570 / SAi 570

| BVi 570 / SAi 570 | | |
|----------------------------|-------------------|---|
| Motor | Brushless | |
| Max Power | kW | 0.8 kW |
| Max Motor speed | rpm | 20.000 rpm (23.000 rpm Boost) |
| Max air speed | m/s | 48 m/s (55 m/s Boost) |
| Max air volume | m ³ /h | 750 m ³ /h (850 m ³ /h Boost) |
| force | N | 12 N (16 N Boost) |
| Proportional Trigger | | ✓ |
| Boost | | ✓ |
| Cruise Control | | ✓ |
| Speed adjustment | 3 livelli + Boost | |
| Runtime (speed level 1) | min | Bi 525: 19 min Bi 540: 30 min |
| Runtime (speed level 3) | min | Bi 525: 11 min Bi 540: 17 min |
| Weight (without battery) | kg | 2.3 kg |
| Suggested battery | Bi 540 | |
| Weight with battery Bi 540 | kg | 3.78 kg |
| Flat Nozzle included | | ✓ |
| Harness Hooks | | ✓ |
| Adjustable tube length | | ✓ |



Plus points summary

- ✓ **Low weight**
(blower with battery)
- ✓ **Full optional control**
(proportional trigger, speed levels, Cruise Control, Boost)
- ✓ **Adjustable tube**
- ✓ **Harness Hooks**

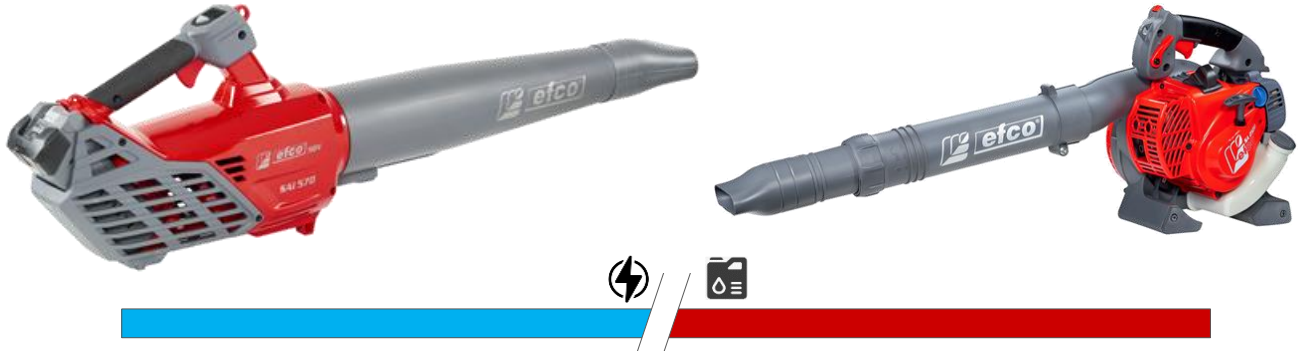
Adjustable Tube



Full optional control



Battery vs Petrol – BVi 570 / SAi 570 vs BV 250 / SA 2500



| | BVi 570 / SAi 570 | BV 250 / SA 2500 |
|--|-----------------------|--|
| Motor | Brushless | 2 stroke engine |
| Max Power | 1 kW | 1.0 kW displacement: 25.4 cm ³ |
| Max air volume | 850 m ³ /h | 720 m ³ /h |
| Max air speed | 55 m/s | 70 m/s |
| Weight with battery Bi 540 / with fuel | 3.78 kg | 4.3 kg |
| Flat nozzle | Included | included |



Lawnmower Gi 548 P, Gi 548 V, Gi 553 V

LRi 548 P, LRi 548 V, LRi 553 V



Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower Gi 548 P, Gi 548 V, Gi 553 V

LRI 548 P, LRI 548 V, LRI 553 V



| | | Gi 548 P / LRI 548 P | Gi 548 V / LRI 548 V | Gi 553 V / LRI 553 V |
|---------------------------------|----------------|-----------------------------|--------------------------------|--------------------------------|
| Max Power | kW | 2.1 kW | 2.1 kW | 2.1 kW |
| Max motor speed | rpm | 3000 rpm | 3000 rpm | 3000 rpm |
| Batteries | | Up to 2 (2xBi 580 = 806 Wh) | Up to 2 (2xBi 580 = 806 Wh) | Up to 2 (2xBi 580 = 806 Wh) |
| Cutting Area 1 X Bi 540 (up to) | m ² | 550 m ² | 475 m ² | 475 m ² |
| | min | 24 min | 20 min | 18 min |
| Cutting Area 1 X Bi 580 (up to) | m ² | 1100 m ² | 950 m ² | 950 m ² |
| | min | 48 min | 40 min | 35 min |
| Self-Propulsion | | No | Yes, dedicated brushless motor | Yes, dedicated brushless motor |
| Travel Speed | km/h | - | 0 – 5 km/h | 0 – 5 km/h |
| Cutting Height | mm | 28 – 75 mm | 28 – 75 mm | 28 – 75 mm |
| Cutting Height Adjustment | | Centralized | Centralized | Centralized |
| N° Cutting Positions | | 5 | 5 | 5 |
| Cutting Width | cm | 46 cm | 51 cm | 51 cm |
| Mulching Plug | | Included | Included | Included |
| Mulching Blade | | Included | Included | Included |
| Mulching System | | Included | Included | Included |

Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower Gi 548 P, Gi 548 V, Gi 553 V

LRI 548 P, LRI 548 V, LRI 553 V



| | | Gi 548 P / LRI 548 P | Gi 548 V / LRI 548 V | Gi 553 V / LRI 553 V |
|-----------------------------|----|----------------------|----------------------|----------------------|
| Side Discharge | | Yes | Yes | Yes |
| Cut without Grass Collector | | Yes | Yes | Yes |
| Grass Collector | | Canvas | Canvas | Canvas |
| Capacity Grass Collector | L | 70 L | 70 L | 70 L |
| Deck | | Steel | Steel | Steel |
| Wheels | | On Ball Bearings | On Ball Bearings | On Ball Bearings |
| Wheel Sizes (front) | mm | 200 mm | 200 mm | 200 mm |
| Wheel Sizes (rear) | mm | 280 mm | 280 mm | 280 mm |

Plus points summary

- ✓ **2.1 kW brushless motor**
- ✓ **High energy storage**
- ✓ **Complete info display**
- ✓ **Digital control**

Lawnmower Display



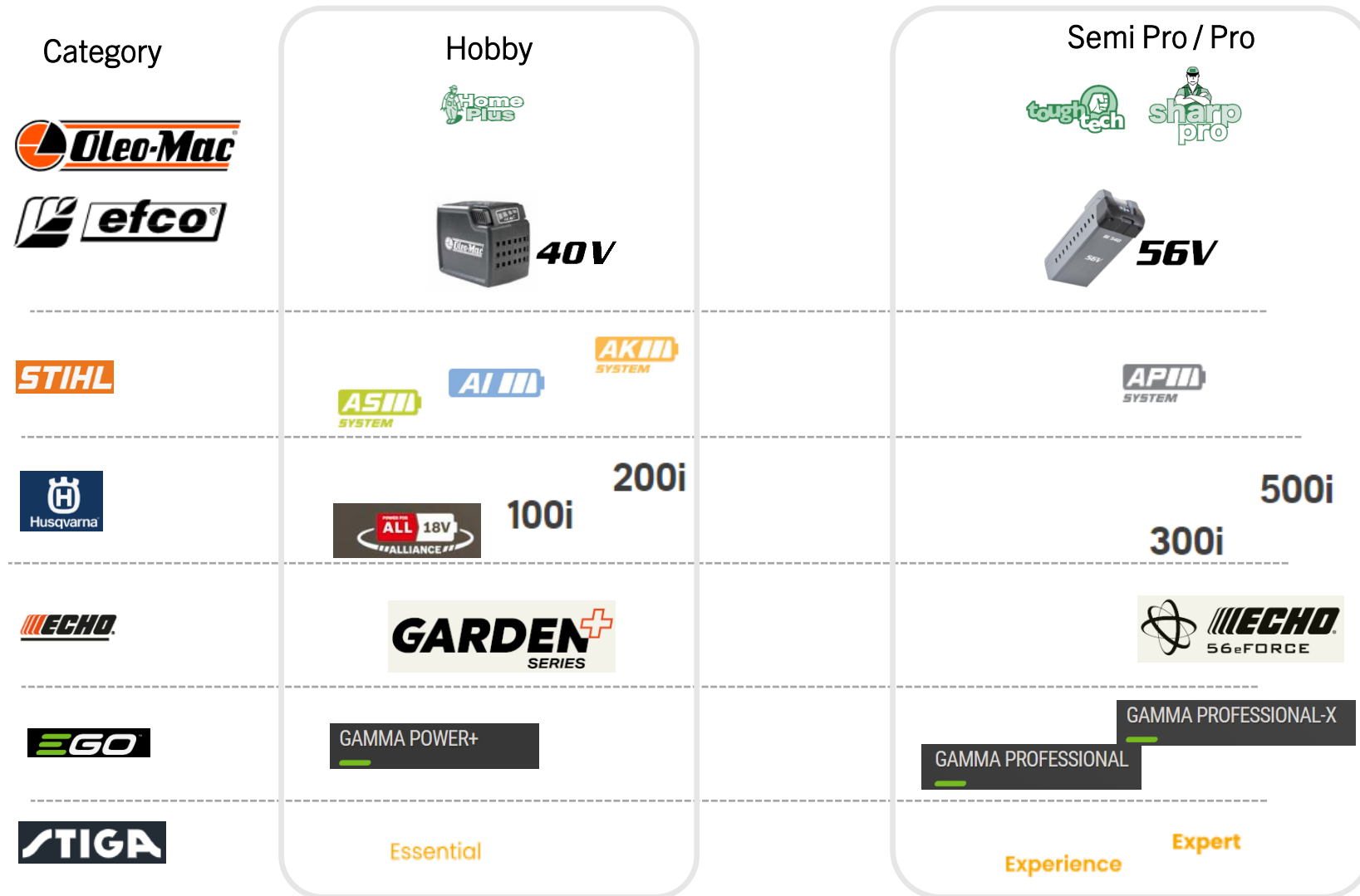
- 1. Switch
 - ▶ On/Off Switch
- 2. Battery charge level
 - ▶ variable color according to charging level of battery
- 3. Smartphone Connection
 - ▶ for connecting tools to user smartphone or diagnostic app for Service Centres. Every data of use is saved in tool digital memory
- 4. Speed adjustment
 - ▶ buttons for digital speed adjustment
- 5. Speed adjustment (led)
 - ▶ Leds that indicates selected speed
- 6. ECO mode
 - ▶ It can be activated for light work. it allows to reduce the use of energy, thus allowing to work for longer time
- 7. ECO Mode (led)
 - ▶ Eco Mode activated
- 8. Temporary stop
 - ▶ Signal for temporary error that can be solved by user (i.e. over temperature)
- 9. Maintenance Alert
 - ▶ Signal that indicates that a stop for the tool has occurred. The situation can be solved in an authorized Service Center

Positioning vs **Competition**

Data and illustrations are not binding where specifications of materials are concerned, given that these will always be subject to technical changes. Technical specifications are subject to change without notice, as also are directions relating to general use of the equipment.

Competitors data and Illustrations last update: December 2023

Battery World positioning









Distinctive **Attributes**

Legend

- Present, declared or detected
- Not declared or present onyl in some tools



| Attribute | Oleo-Mac | STIHL | Husqvarna | ECHO | EGO |
|---|----------------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|
|  Brushless Motor <p>Brushless motors to ensure high efficiency, reliability and low maintenance</p> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
|  Constant Power <p>No power decrease during work time</p> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
|  Field Oriented Control Motor <p>battery power is spent optimally by limiting dispersion and providing the longest possible charge life</p> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
|  Complete Info Display <p>Display with complete info including: residual battery charge, speed selected, alert advise, smartphone connection</p> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
|  Integrated dignostic <p>Dedicated app for Service Centers to guide maintenance process</p> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
|  End User App <p>App for end user providing virtual tool storage, cumulated working hours, link to official media channels</p> | <input checked="" type="radio"/> | <input checked="" type="radio"/> * | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |

Comparison on products available at the end of 2023

* An external Smart Connector is needed (not included with tool)

Batteries

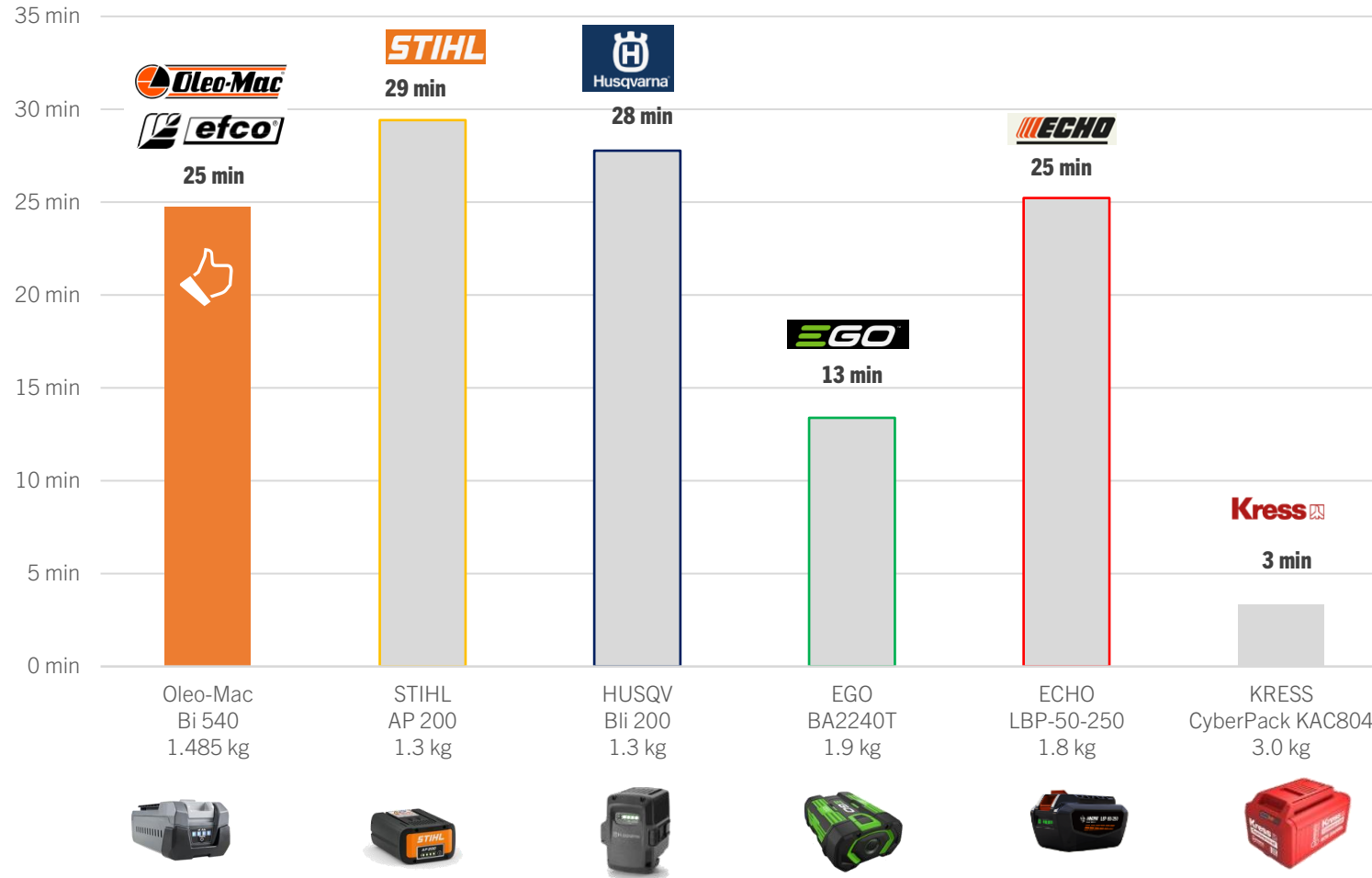


| Model | Bi 540 | AP 200 | BLi200 | BA2240T | LBP-50-250 | CyberPack KAC804 |
|------------------------|-----------|-----------|-----------|-----------|------------|------------------|
| Voltage | 56 V | 36 V | 36 V | 56 V | 56 V | 60 V |
| Capacity | 4 Ah | 5 Ah | 5 Ah | 4 Ah | 4,5 Ah | 4 Ah |
| Energy declared | 202 Wh | 187 Wh | 180 Wh | 224 Wh | 226 Wh | 240 Wh |
| Weight | 1.485 kg | 1.3 kg | 1.3 kg | 1.9 kg | 1.8 kg | 3.0 kg |
| Energy to weight Ratio | 136 Wh/kg | 144 Wh/kg | 138 Wh/kg | 118 Wh/kg | 126 Wh/kg | 80 Wh/kg |
| Charging Time (100%) | 45 min | 55 min | 50 min | 30 min | 57 min | 8 min |
| Charging Time (80%) | 29 min | 40 min | 30 min | N.A. | 30 min | N.A. |

Plus points summary

- ✓ Good Energy to Weight Ratio
- ✓ Low charging time

Charging time 100 Wh (min)



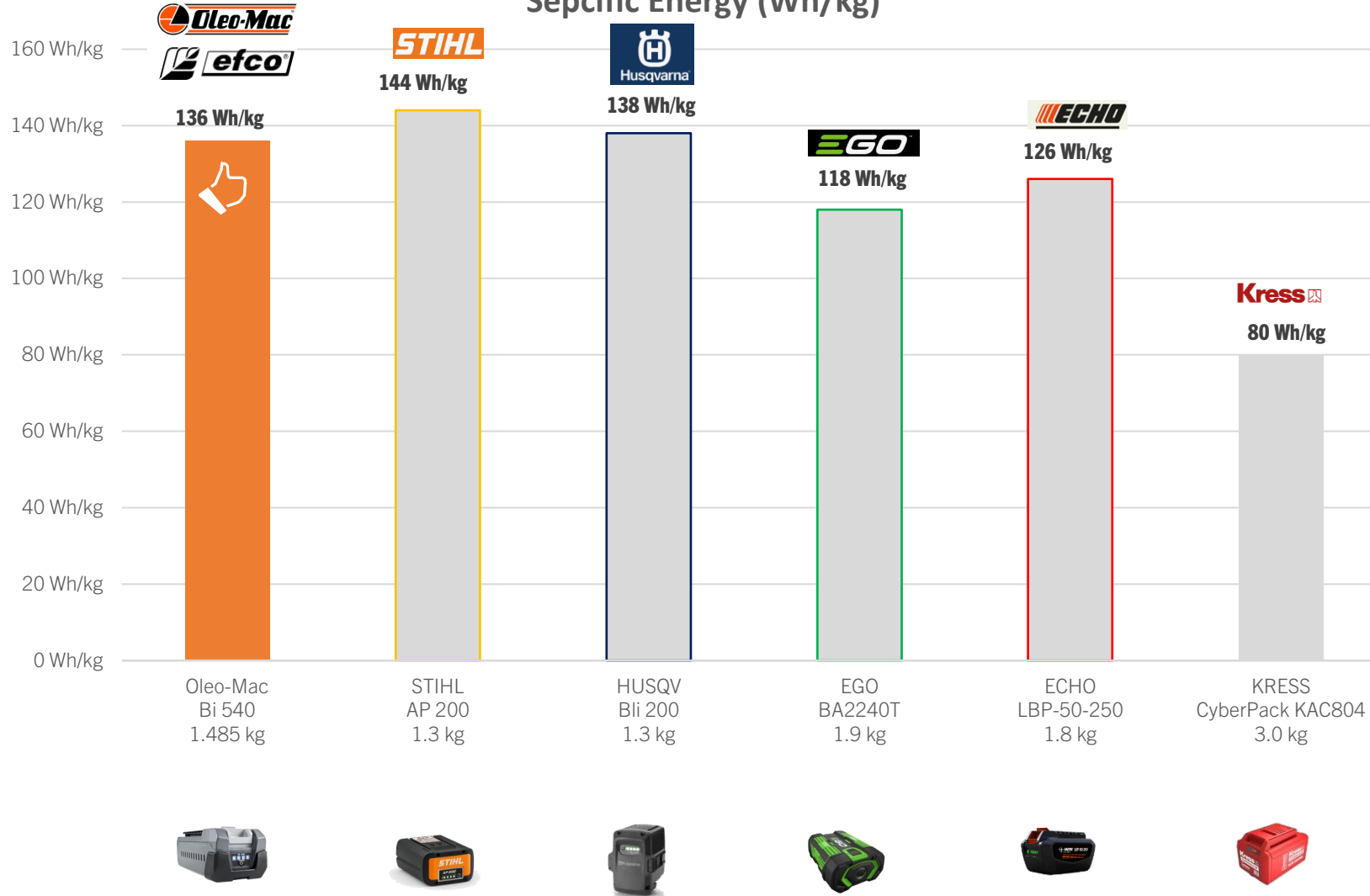
Plus points summary

- ✓ Good Energy to Weight Ratio
- ✓ Low charging time

Low charging time means high battery weight

Batteries

Specific Energy (Wh/kg)



Plus points summary

- ✓ Good Energy to Weight Ratio
- ✓ Low charging time

High level of energy is mandatory, but it must be compared with battery weight


Brushcutter






Plus points summary

- ✓ Low weight
- ✓ Good runtime
- ✓ Mechanical power of a 27-30 cc

| Model | BCi 530 / DSi 530 | | FSA 135 | | 535iRX |
|--|-------------------|------------|------------|------------|--------------|
| Weight (No Battery, No Guard, No Cutting Tool) | 3.8 kg (S) | 4.3 kg (T) | 4.3 kg (S) | 4.9 kg (T) | 4.9 kg (T) |
| Tube Diam. | 26 mm | | 25 mm | | 28 mm |
| Shaft Diam. | 7 mm | | 6 mm | | 8 mm |
| Cutting Head Diam. | 390 mm | | 420 mm | | 450 mm |
| Nylon Line Diam. | 2.4 mm | | 2.4 mm | | 2.4 - 2.7 mm |



| |  |  |  |
|---------------------|--|--|--|
| battery | Bi 540 | AP 200 | Bli 200 |
| energy | 202 Wh | 187 Wh | 180 Wh |
| weight | 1.48 kg | 1.3 kg | 1.3 kg |
| brushcutter+battery | 5.3 kg | 5.8 kg | 5.6 kg |
| Runtime (min) | 20 min | 17 min | 15 min |
| Runtime (max) | 45 min | 28 min | - |

Brushcutter – Focus on display



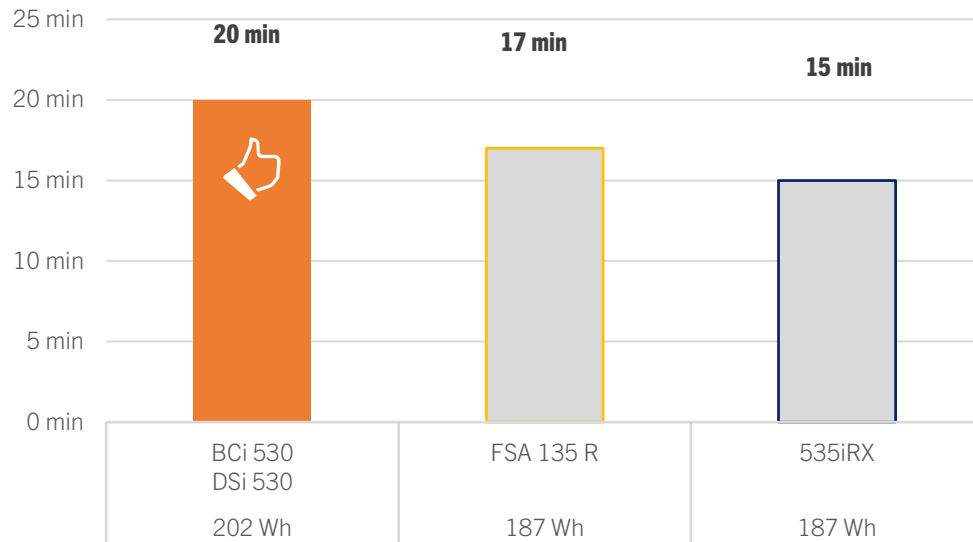
| | BCi 530 / DSi 530 | FSA 135 R | 535iRX |
|-----------------------|-------------------|------------------|--------|
| battery charge level | ✓ | ✗ | ✓ |
| speed level | ✓ | ✓ | ✓ |
| maintenance alert | ✓ | ✗ | ✓ |
| temporary warning | ✓ | ✗ | ✗ |
| Smartphone Connection | ✓ | ✓ (not included) | ✓ |

Plus points summary

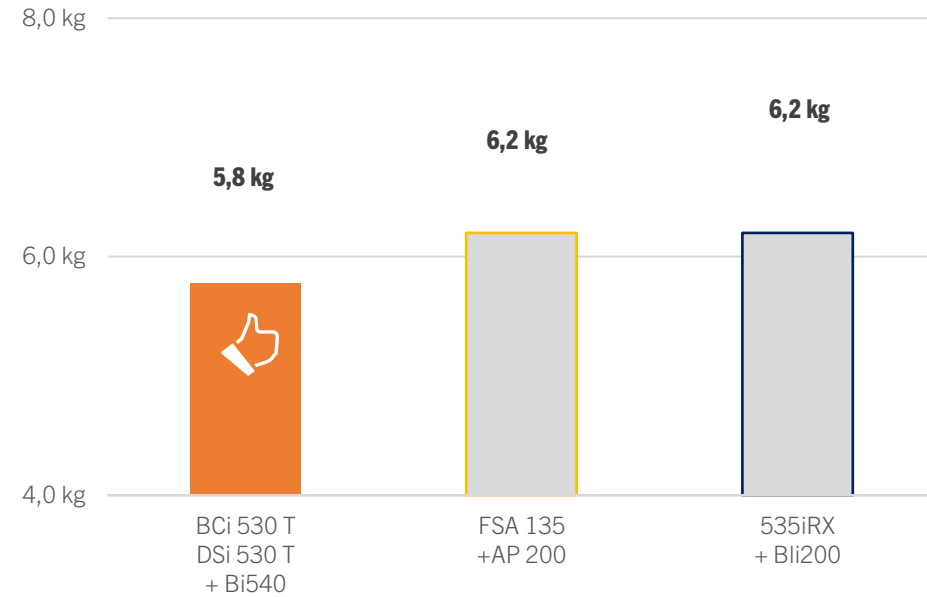
- ✓ Low weight
- ✓ Good runtime
- ✓ Mechanical power of a 27-30 cc

Brushcutter

Runtime (min)



Weight: brushcutter + battery (kg)



Blower



| Model | BVi 570 / SAi 570 | BGA 86 | 325iB | LB5800E | LB7650E |
|------------------------|--|-----------------------|-----------------------|----------------|--------------------------------|
| Voltage | 56 V | 56 V | 36 V | 36 V | 56 V |
| Max Air Speed | 70 m/s flat nozzle | 69 m/s | 49 m/s | 75 m/s | 74 m/s (87 m/s flat nozzle) |
| Max air flow | 750 m ³ /h (boost 850 m ³ /h) | 780 m ³ /h | 660 m ³ /h | | Boost: 1300 m ³ /h |
| Force | 12 N (16 N Boost) | 10 N | 11 N (15 N Boost) | 18 N | n.a. |
| Weight | 2.3 kg | 2.8 kg | 2.5 kg | 2.2 kg | 2.1 kg |
| Fixed speed levels | ✓ | ✗ | ✗ | ✗ | ✗ |
| Boost | ✓ | ✗ | ✓ | ✓ | ✓ |
| Cruise Control | ✓ | ✗ | ✓ | ✓ (mechanical) | ✓ (mechanical) |
| Proportional trigger | ✓ | ✓ | ✓ | | |
| Adhustable tube length | ✓ | ✗ | ✗ | ✗ | ✗ |
| Flat nozzle included | ✓ | ✗ | optional | ✓ | ✓ |
| Harness hook | ✓ | ✗ | ✓ | ✗ | ✗ |

Plus points summary

- ✓ **Low weight**
(blower with battery)
- ✓ **Full optional control**
(proportional trigger, speed levels, Cruise Control, Boost)
- ✓ **Adjustable tube**
- ✓ **Harness Hooks**



| | | | | | |
|----------------|----------------|---------|---------|---------|---------|
| battery | Bi 540 | AP 200 | Bli 200 | BA2240T | BA2240T |
| energy | 202 Wh | 187 Wh | 180 Wh | 224 Wh | 224 Wh |
| weight | 1.48 kg | 1.3 kg | 1.3 kg | 1.9 kg | 1.9 kg |
| blower+battery | 3.78 kg | 4.10 kg | 3.80 kg | 4.08 kg | 4.00 kg |
| Runtime (min) | 18 min | 17 min | 25 min | 24 min | 20 min |
| Runtime (max) | 30 min | - | 35 min | 160 min | 120 min |

Blower – Focus on display



| | BVi 570 / SAi 570 | BGA 86 | 325iB | LB5800E | LB7650E |
|-----------------------|-------------------|------------------|-------------|-------------|-------------|
| battery charge level | ✓ | | | | |
| speed level | ✓ | Not present | | | |
| maintenance alert | ✓ | | Not present | Not present | Not present |
| temporary warning | ✓ | | | | |
| Smartphone Connection | ✓ | ✓ (not included) | | | |

Plus points summary

- ✓ **Low weight**
(blower with battery)
- ✓ **Full optional control**
(proportional trigger, speed levels, Cruise Control, Boost)
- ✓ **Adjustable tube**
- ✓ **Harness Hooks**

Weight: blower + battery (kg)



Plus points summary

- ✓ **Low weight**
(blower with battery)
- ✓ **Full optional control**
(proportional trigger, speed levels, Cruise Control, Boost)
- ✓ **Adjustable tube**
- ✓ **Harness Hooks**

Lawnmower 46 – 48 cm



| | Gi 548 V | LM1900E-SP | Twinclip 950e V | 4772 Li VS-W Premium Pro | GD60LM46SP |
|--------------------------------|-----------------|-----------------|------------------|--------------------------|-----------------|
| Cutting Deck | 46 cm | 47 cm | 48 cm | 46 cm | 46 cm |
| Side Discharge | ✓ | ✓ | ✓ | ✓ | ✓ |
| Steel Deck | ✓ | ✓ | ✓ | ✓ | ✓ |
| Power | 2.1 kW | n.a. | 2.2 kW | n.a. | n.a. |
| Max Energy Storage | 806 Wh (2x8Ah) | 672 Wh | 648 Wh (2x7.5Ah) | 576 Wh | 720 Wh |
| Runtime max (max battery size) | 1900 m2 | 1900 m2 | 1100 m2 | - | - |
| | 80 min | - | 40 min | 110 min | 78 min |
| Vertical Storage | ✓ | ✓ | ✗ | ✓ | ✓ |
| Self-Propulsion | Brushless motor | Brushless motor | Brushless motor | Brushless motor | Brushless motor |
| Bag | canvas | canvas | canvas | plastic | canvas |
| Bluetooth Connection | Yes | No | No | No (wireless connection) | No |

Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower 46 – 48 cm



| | Gi 548 V | LM1900E-SP | Twinclip 950e V | 4772 Li VS-W Premium Pro | GD60LM46SP |
|--|----------|------------|-----------------|--------------------------|------------|
|--|----------|------------|-----------------|--------------------------|------------|

| | | | | | | |
|---------|--------------------------|---|---|---|---|---|
| Display | Digital Speed Adjustment | ✓ | ✗ | ✗ | ✓ | ✗ |
| | Eco / Turbo | ✓ | ✗ | ✓ | ✓ | ✓ |
| | Maintenance Alert | ✓ | ✗ | ✗ | ✗ | ✗ |
| | Battery Level | ✓ | ✗ | ✓ | ✓ | ✓ |

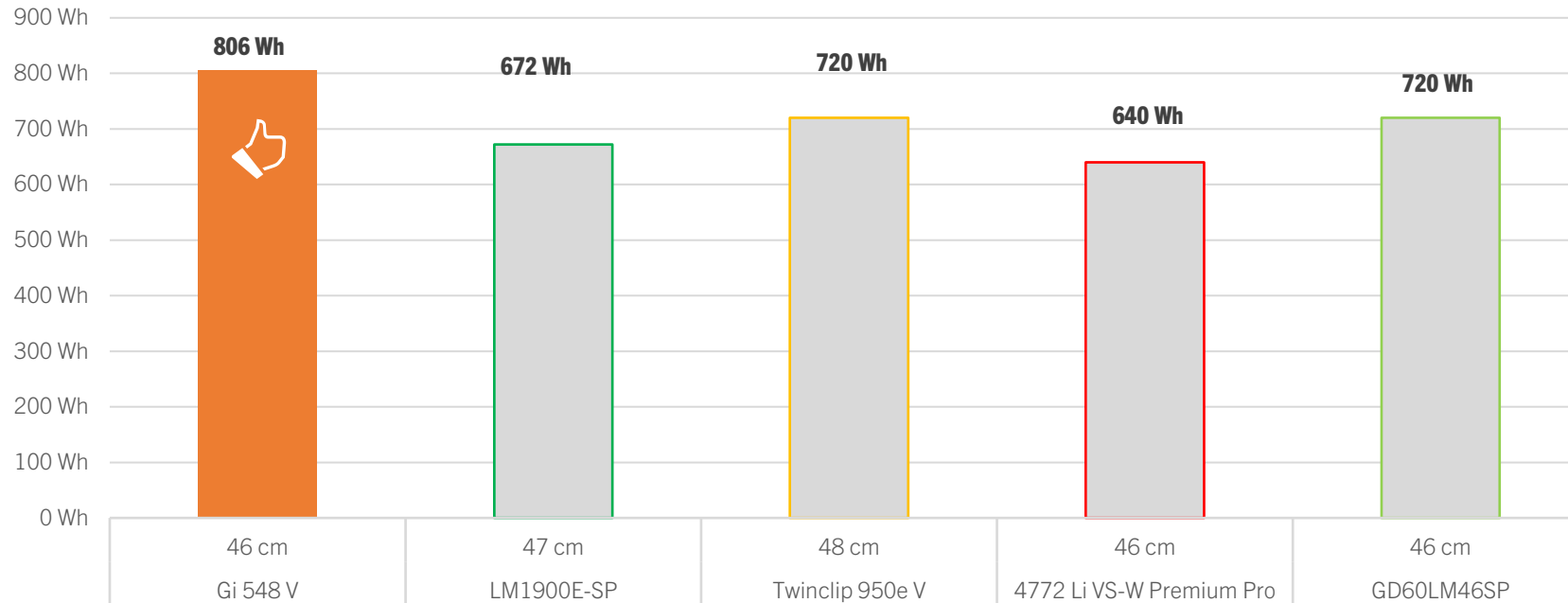


Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower 46 – 48 cm

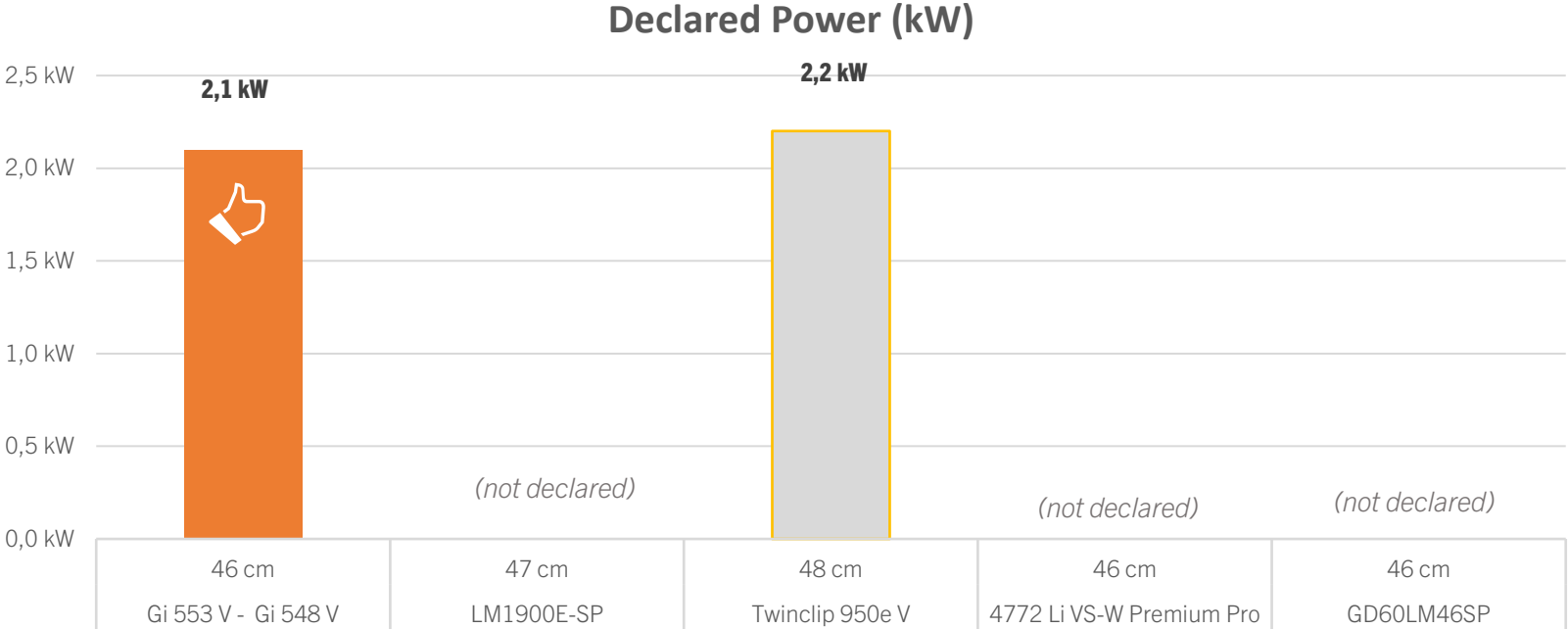
Max Energy storage on-board (Wh)



Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower 46 – 48 cm



Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower 50 – 53 cm



| | Gi 553 V | LM2021E-SP | COMBI 753e V | AL-KO 512 Li VS-W | GD60LM51SP | LC 353iVX |
|--------------------------------|-----------------|-----------------|------------------|--------------------------|-----------------|-----------------|
| Cutting Deck | 51 cm | 50 cm | 51 cm | 51 cm | 51 cm | 53 cm |
| Side Discharge | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| Steel Deck | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| Power | 2.1 kW | n.a. | 1.5 kW | n.a. | n.a. | 0.9 kW |
| Max Energy Storage | 806 Wh (2x8Ah) | 672 Wh | 648 Wh (2x7.5Ah) | 576 Wh | 720 Wh | 674 Wh |
| Runtime max (max battery size) | 1900 m2 | 1700 m2 | 600 m2 (2x5 Ah) | - | - | - |
| | 70 min | - | - | 110 min | 60 min | 35 min |
| Vertical Storage | ✓ | ✓ | ✗ | ✓ | ✓ | ✗ |
| Self-Propulsion | Brushless motor | Brushless motor | Brushless motor | Brushless motor | Brushless motor | Brushless motor |
| Bag | canvas | canvas | canvas | plastic | canvas | canvas |
| Bluetooth Connection | Yes | No | No | No (wireless connection) | No | Yes |

Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower 50 – 53 cm



Gi 553 V LM2021E-SP COMBI 753e V (experience) AL-KO 512 Li VS-W GD60LM51SP LC 353iVX

| | | | | | | | |
|---------|--------------------------|---|---|---|---|---|---|
| Display | Digital Speed Adjustment | ✓ | ✗ | ✗ | ✓ | ✗ | ✓ |
| | Eco / Turbo | ✓ | ✗ | ✓ | ✓ | ✓ | ✓ |
| | Maintenance Alert | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ |
| | Battery Level | ✓ | ✗ | ✓ | ✓ | ✓ | ✓ |

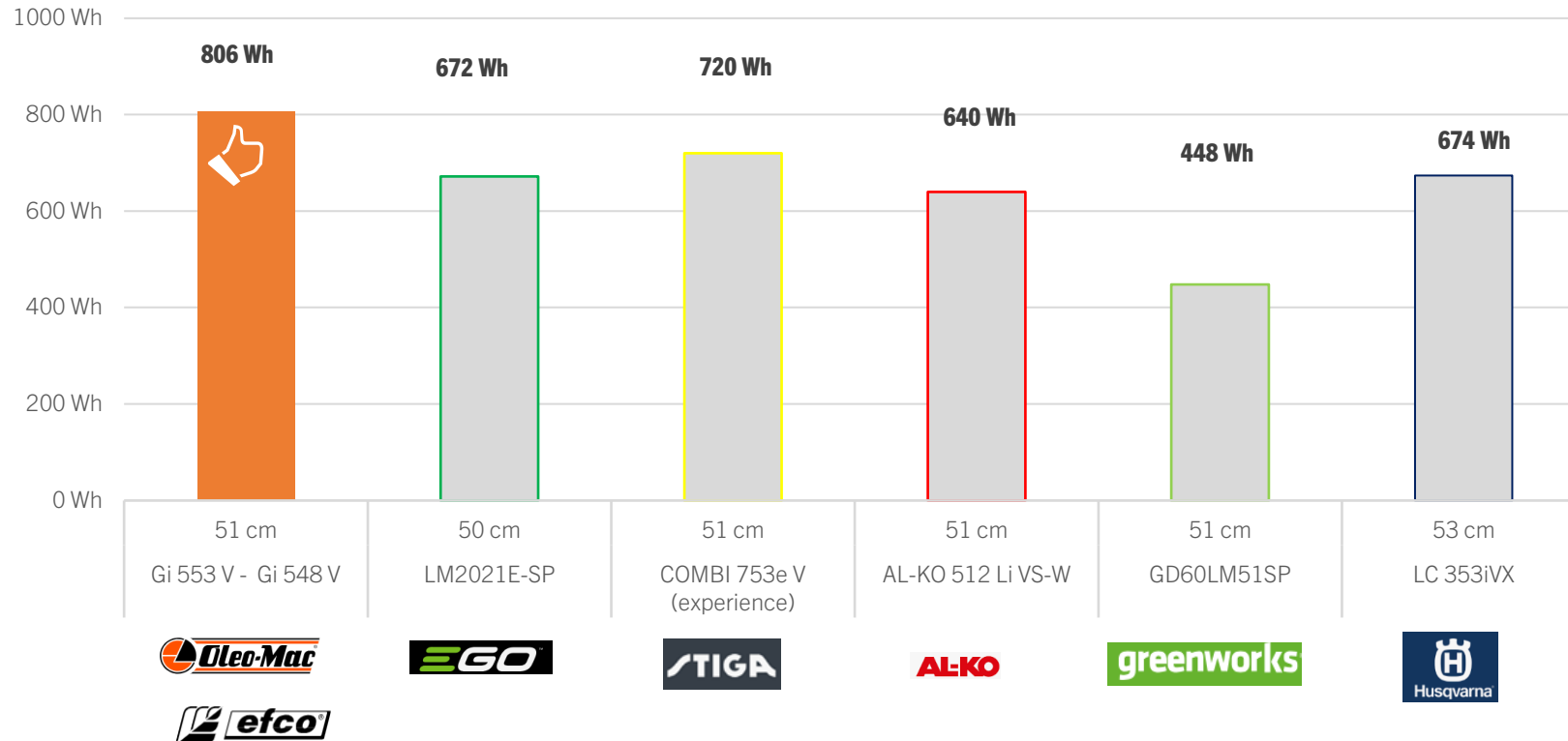
Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control



Lawnmower 50 – 53 cm

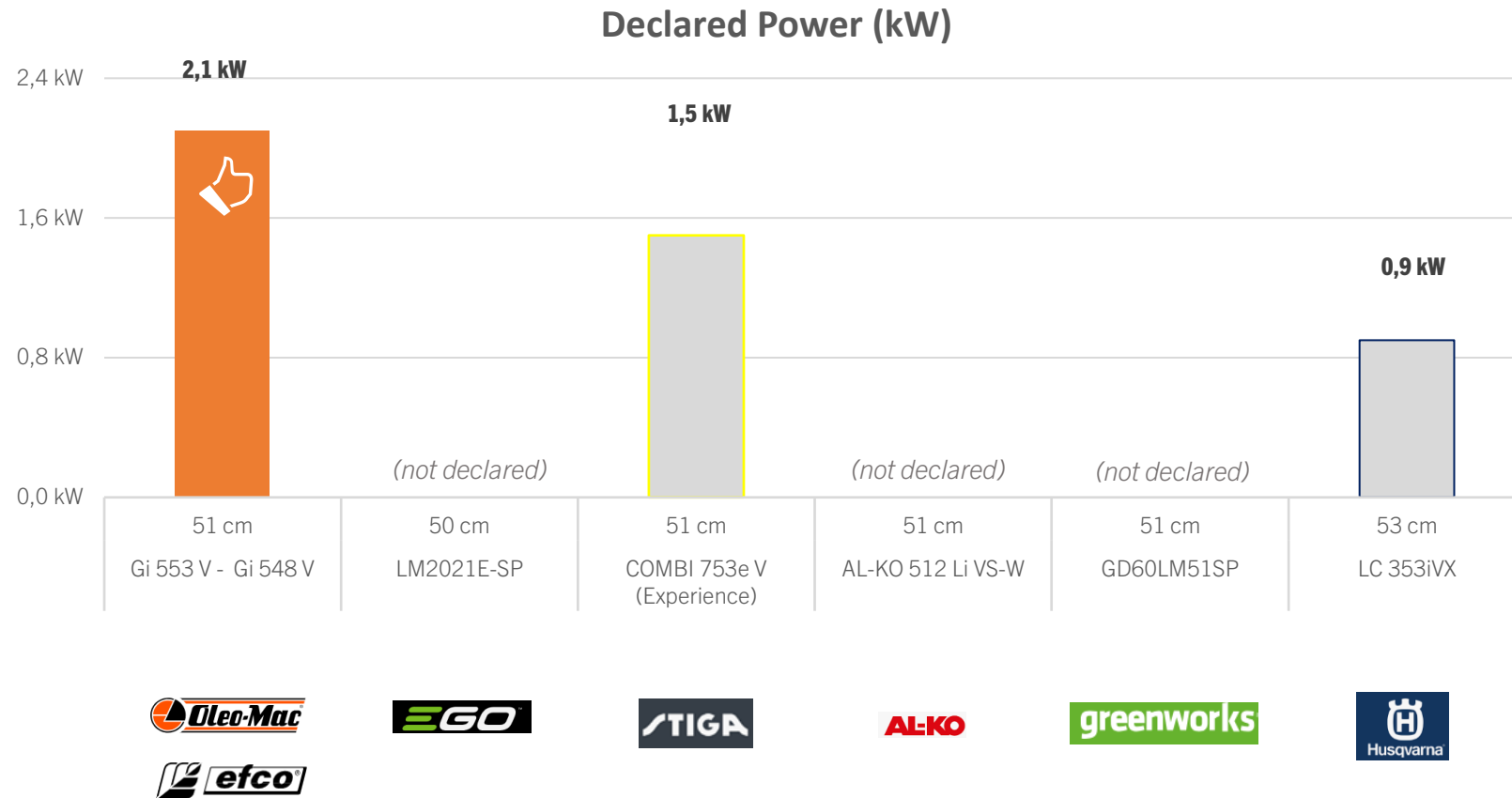
Max Energy Storage on-board (Wh)



Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

Lawnmower 50 – 53 cm

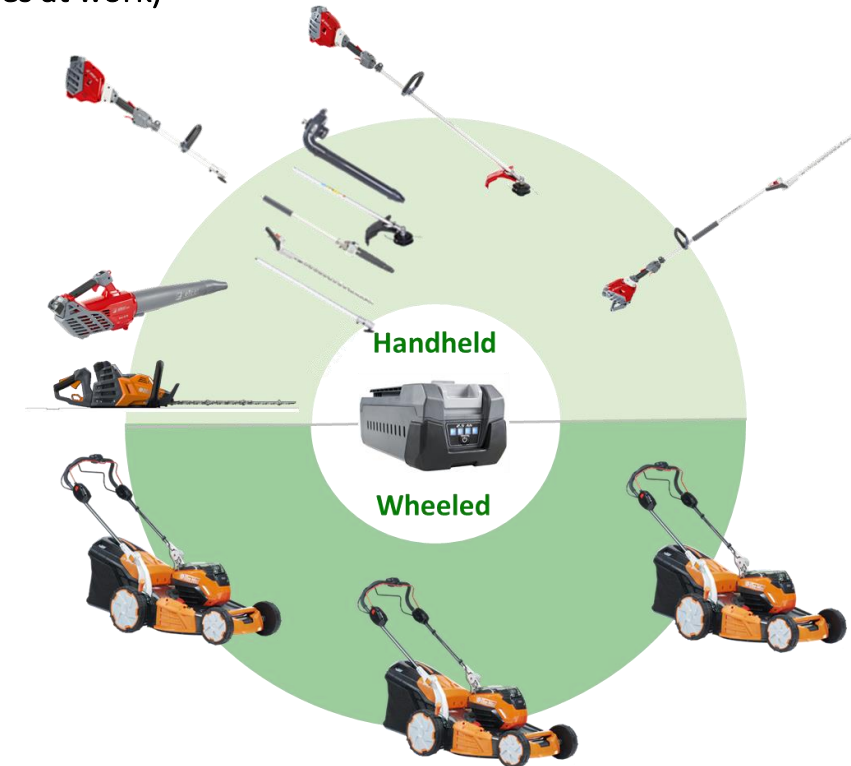


Plus points summary

- ✓ 2.1 kW brushless motor
- ✓ High energy storage
- ✓ Complete info display
- ✓ Digital control

56v Marketing Launch Plan

- TEASER VIDEO (emotional style) 45''
- VIDEO OF RANGE PRESENTATION (line-up, target user)
- VIDEOS OF SPECIFIC PRODUCTS AT WORK (technical specs of products and batteries, plus points, machines at work)
- RANGE BROCHURE (16 pages): range and individual product presentation
- IN-STORE POSTER
- DRESSING KIT FOR WALL MERCHANDISER
- PRE-DEFINED ADVERTISING LAYOUT (different formats) for local personalisation
- WEBSITE HOMEPAGE BANNER
- SOCIAL (copy and images)
- POWER POINT PRESENTATION with comparison with competition (internal use only)
- PRODUCT INFORMATION



Above videos (together with ALL videos produced by Emak: product presentation, product at work, range presentations, institutional..) will be soon available in B2B portal, in the Marketing Area («download documents, photos and videos»). All videos will be available with a word file with italian + english text for your local translation (subtitles or voice over)

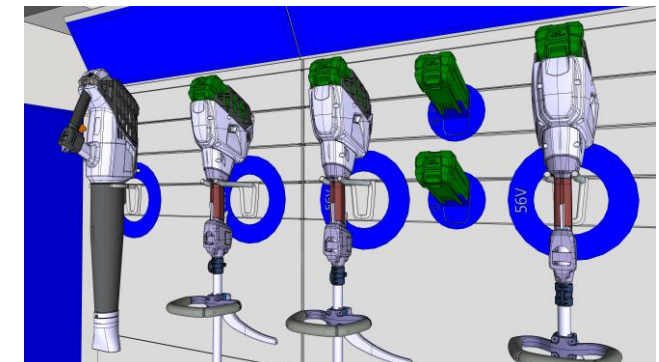
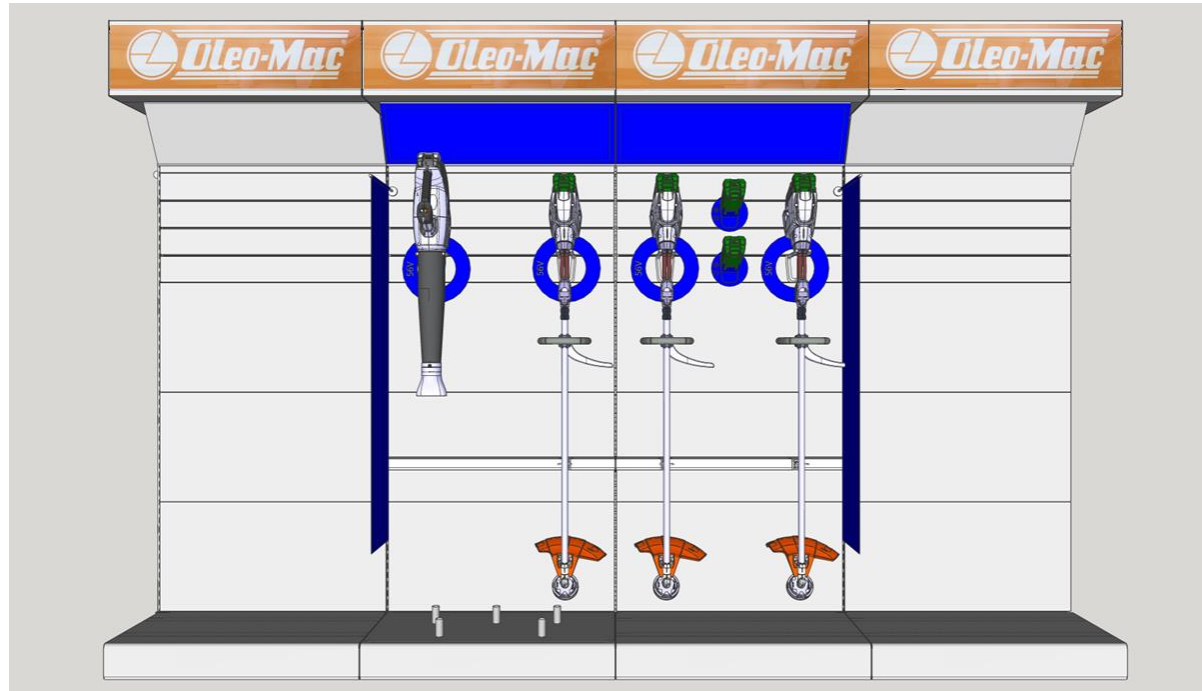
Launch Plan



Merchandising

Concept to be confirmed

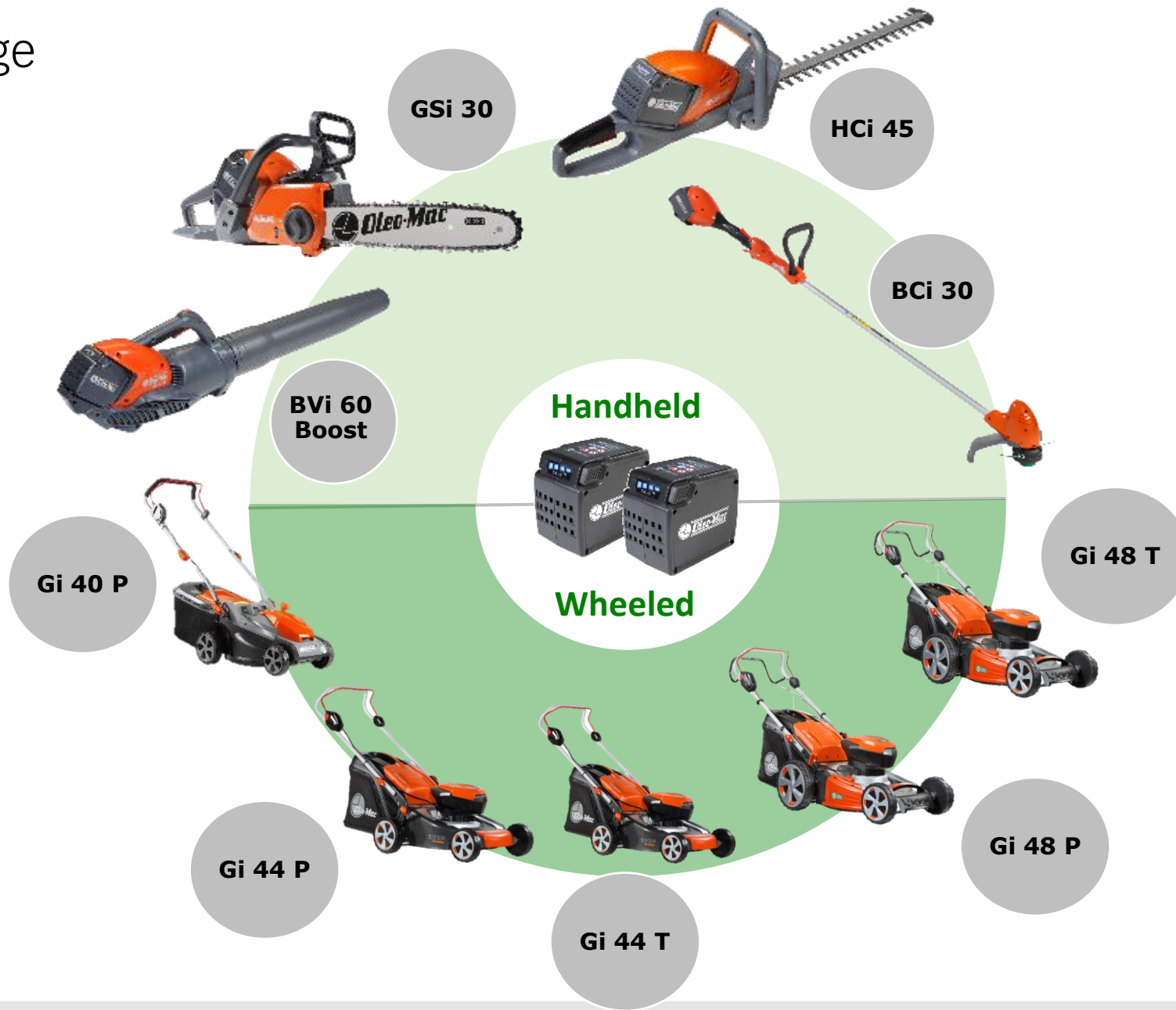
- Kit for personalisation of standard merchandiser modules: creation of an individual identity in the display (coexistence with other premium petrol products)
- Project and design definition still in progress (below just a concept)
- Kit will be for standard merchandisers supplied by Emak; we will provide, anyway, artwork to replicate locally the same material fixable to local merchandisers
- Specific tool (floor graphic or pallet cover) for lawnmowers



40 V BATTERY RANGE

Phase-in Q4 2024

40 V Range



40 V Range - Extension

