



BATTERY
TECHNOLOGY

*Battery-powered portable equipment range
for a sustainable way to rail*



*A cost-effective solution for your electric conversion
Emission-free Activion® technology
High performance, ergonomic and easy to install retrofit*



Your benefits

- Electric drive retrofit for petrol-powered Bolt Hornet (TC-type) originally equipped with a Honda GX160 or GX200 engine, and all petrol-powered Metal Hornet (MP12-type)
- Easy fit, no programming needed
- Human-Machine Interface (HMI) displaying remaining battery charge and air filter condition

Advantages of the Activion technology

- Ideal for confined work environments: tunnels, metros and underground areas
- Perfect for urban works due to its reduced sound level
- Improved ergonomics and user comfort through reduced vibration level
- One multi-purpose battery for all portable equipment

Available kits and retrofitted machine specifications (standard equipment)

AGX kit for Bolt Hornet (TC-type) coachscrewing machine, equipped with a Honda GX160 or GX200 engine (code **N07882**)

- AGX engine with hour meter and HMI
- Adaptation hub
- Power cable
- Wiring harness with remote engine stop switch and LED headlight power supply (if fitted on the machine)
- Single-battery tray fitting on the machine and two-battery trays on trolley

| | |
|--|---|
| Power | 6.3 kW |
| Autonomy with 1 battery: | |
| • Tightening | Up to 540 cycles |
| • Untightening | Up to 900 cycles |
| Mass of the AGX (engine only) | 40 lbs (18 kg) |
| Mass of the machine with AGX (without trolley or battery) | About 216 lbs (98 kg) |
| Dimension in working order (L x W x H) | 80 x 20 x 37 in. (2,030 x 500 x 950 mm) |
| Maximum tightening torque | 60 daN.m |
| Maximum untightening torque | >100 daN.m |
| Max. rotation speed | 200 tr/min |

Options Additional two-battery tray on trolley, which makes a total of 5 batteries (code **STP77074**)

AGX kit for Metal Hornet (MP12 or MP12 NEO-type) rail profile grinder, all engines (code **N07883**)

- AGX engine with hour meter and HMI
- Pulley and drive belt
- Mounting parts
- Wiring harness with remote engine stop switch
- Single-battery tray on the machine arm (or on balancing bar)

| | |
|---|---|
| Power | 6.3 kW |
| Autonomy with 1 battery | 20 min continuous grinding |
| Mass of the AGX (engine only) | 40 lbs (18 kg) |
| Mass of the machine with AGX (without battery) | About 163 lbs (74 kg) |
| Dimension in working order (L x W x H) | 44 x 30 x 31.5 in. 1,120 x 760 x 800 mm |
| Tilting range on both sides | From -15° to +90° |

- Options**
- 56.4 in. (1,435 mm) track balance bar for Metal Hornet MP12 (code **STEBEMP-A**)
 - Balance bar + 42 in. to 56.4 in. (1,067 to 1,435 mm) track brake for Metal Hornet MP12 NEO (code **N07875**)

Battery specifications – Code **N07839**

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|--------------------------------|-------------------|
| Embedded energy | 1,404 Wh |
| Voltage | 46.8 V |
| Battery capacity | 30 Ah |
| Mass | 22.05 lbs (10 kg) |
| • Operating temperature | -5 to +40 °C |
| • Storage temperature: | |
| - Usual storage | -5 to +40 °C |
| - Long storage | 15 to +25 °C |
| • Charging temperature | 0 to +40 °C |
| Recharging time | 2h30 |

Accessories

- Activion battery **N07839**
- 220/240 V input charger **N08042**
- 110 V input charger **N08043**

