

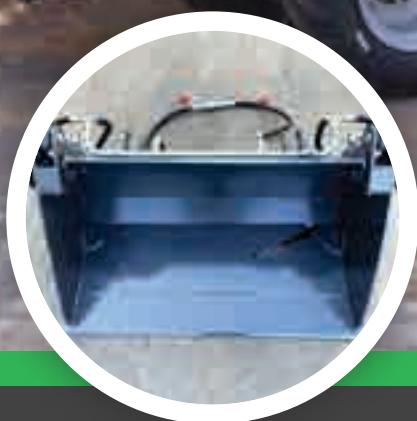


enloq.loaders

100% ELECTRIC + 100% WORK

EL400S

EL800S



BYD
LITHIUM BLADE
BATTERY TECHNOLOGY

www.enloqloaders.com



POWERED BY:

BYD
LITHIUM BLADE
BATTERY TECHNOLOGY



100% ELECTRIC + 100% WORK

The **Enloq Loaders® E.V. series** are high capacity articulated wheel loaders, material dumpers and all-terrain fork lifts in different size configurations that are 100% electric. Our entire range is designed for zero emission, low noise operation without compromising speed, power or operational length. Powered by **BYD® Lithium Blade Battery technology** our range of equipment is available in Australia by **Enloq Loaders®, Australia**.

Our **Enloq®** wheel loaders combine the best of both worlds with the advantages of an articulated loader and virtually silent operation with zero emissions. This makes our compact loaders ideal for agriculture needs, indoor use applications or construction sites in urban areas.

Enloq Loaders® have configured each model completely in-house featuring designs with a focus on safety and advanced engineering practices. We only work with the best components for hydraulics, motors, couplings and battery technology from **BYD®** (Lithium Blade) or high capacity AGM all-weather batteries, for stringent reliability and maximum operation of our equipment. All parts are extensively tested under real world working conditions, this results in our proven reliability. **Enloq Loaders®** stand apart with zero emissions, minimal running costs and extremely low maintenance needs compared to their diesel equivalent.

ENLOQ LOADERS	EL800S EL800T	EL400S WOMBAT
Overall weight	2.050-2170kg	1130 kg
Lifting capacity	800-1000 kg	400-450 kg
Flow Rate	40 L/min	20L/min
Lifting height	3330/3918 mm	2160 mm
Length with bucket	3810/4290 mm	3260 mm
Width	1260 mm	1040 mm
Machine height	2270 mm	2160 mm



**BUILT
TOUGH**



1

WORKING COMFORTABLY

A spacious and comfortable working environment, 360 degree vision.

2

WORK SAFELY The cabin and safety roof are ROPS/FOPS certified CE international standard.

3

LITHIUM ION PHOSPHATE BATTERY

A safe and efficient lithium ion phosphate battery has been carefully designed for our machines. This battery contains new blade cell lithium technology. Powered by **BYD® Blade Battery Technology** or AGM high capacity all-temperature batteries.

4

MAINTENANCE Due to the maintenance-free battery and electric motors, the maintenance intensity of these machines is lower compared to fuel-driven machines

5

SPEED 2 Driving modes. Easily selectable (0-10m/h, 0-20 km/h).

6

MANEUVERABILITY AND STABILITY

The articulated pendulum system ensures manoeuvrability and stability with dual motor drive all-terrain traction.

7

MULTIFUNCTIONAL Switch attachments easily and adapt the machine to your needs. Euro hitch quick change coupling.

8

POWERFUL & PRODUCTIVE

Equipped with 2 independent electric motors for an optimal and efficient drive system.

9

SILENT OPERATION Ideal for working in quiet areas to avoid noise pollution. Perfect for urban areas and around livestock.

10

COMPACT DESIGN The compact design of **Enloq Loaders®** makes it convenient to work in places with limited space. Articulated steering delivers a tight turning radius.



BETTER PERFORMANCE



"We see a big financial gain with near zero hourly running costs and with no emissions, we are not breathing diesel particulates from owning electric machines anymore. Its better for our staff"

- Tony, Hunter Winery

BETTER PERFORMANCE

The EL800s is equivalent to diesel models in terms of power, compact dimensions and maneuverability. At the same time, the EL800s does its job emission-free and silent, properties that people and animals long for. **Enloq Loaders®** are equipped standard with a choice of AGM batteries or BYD® lithium-ion batteries with two separate electric motors - 14.4kW for the drive working hydraulics. With 40 L/min flow rate and dual motor all-wheel drive enable the Enloq series a premium pulling force, there is always enough power. Generally stronger than diesel equivalents.



ACCURATE WORK

Dual speeds can be selected to perform tasks more accurately and quickly. In **work** mode, the machine has a top speed of 10 km/h, the **travel** mode offers a top speed of 20 km/h. With a lifting height of 3.30 meters and a capacity of 800-1000 kg, the EL800s can be used comfortably when power is important. The EL800t has a lifting capacity of 800-1000 kg, a lifting height of 3.98 meters due to its telescopic boom and has been specially developed for extreme heavy work in construction, agriculture, tree care and earthmoving.



COMPACT DESIGN



COMPACT DESIGN STABILITY AND MANEUVERABILITY

The articulated pendulum system gives the **Enloq Loaders®** a lot of stability and agility in tight turns. The system ensures that all four wheels remain on the ground, even when working on uneven terrain. This makes it safe to work as there is always sufficient traction.

CHARGING WHEN IT'S NEEDED

Enloq's BYD® lithium-ion phosphate batteries score higher than traditional lead-based batteries on their performance, fast charging times and the fact that the batteries last up to three times longer. All **Enloq Loaders®** are equipped with a universal charger, which uses a standard 230V power supply. Our chargers are available in different amperage rates, making it possible to charge a battery overnight or under 1.5 hours.

We will be happy to define a solution for you.

BYD® LITHIUM BLADE BATTERY TECHNOLOGY

Enloq Loaders® offers high quality LFP (Lithium Ion Phosphate) batteries. These batteries on recharge create a lot of energy instantly and have the highest degree of safety compared to NMC and lead containing batteries. **Enloq Loaders®** lithium-ion phosphate batteries with a capacity of 17.7 Kw/ 73.6V are fully charged in 5 hours @ 230V, at 380V fully charged in just 1.5 hours. A charge and discharge life rating of more than 3000 times with a 3 year warranty. One battery charge is sufficient to operate under normal conditions for 6 to 8 hours. So, there is more than enough energy to work all day long.

"Within minutes of a test run we were convinced on the The Wombat. The machine is powerful and quiet and you have a lot of power available immediately. With two different drive modes, its quick to unload a trailer and bring to where it's needed. Fits through a gate and is better than using a shovel and wheelbarrow, we can save days of labor"

- Blake, Wolf Plumbing





SAFE & WORK ALL DAY



SMALL
BODY



ZERO
EMISSIONS



FLEXIBLE
MOBILITY

Enloq Loaders® are equipped standard with a safety cabin roof ROP's/FOP's (Roll Over Protection, Falling Object Protection) safety belts and in-seat sensors to reduce operator risk. The EL800s spacious and accessible cab is designed for optimal ease of use. The steering column is adjustable in depth and equipped with an LCD screen where all necessary information can be read easily.

While using the multifunction joystick, the operator can position the seat with lumbar support making it ergonomically comfortable for all-day operation. Important controls are within easy reach and next to the joystick.





BETTER VISION - SAFER TO OPERATE

The EL800s machines have been extensively tested for safety by an independent body and internationally certified CE. The operator's central position with a skylight provides 360-degree visibility around and on the implement or attachment.

This ensures that work is carried out efficiently and safely.



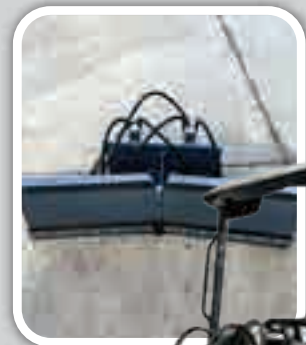
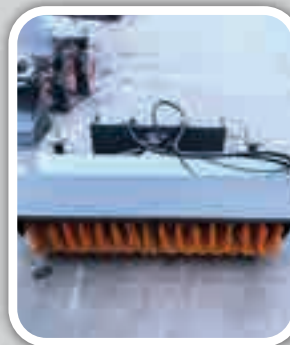
ELECTRONIC CONTROL

Information regarding the battery level, hour meter, energy consumption, power and other indicators can be read from the dashboard so that this important data is always clearly visible during work.



LOTS OF ATTACHMENTS

Our attachments are developed entirely in-house so that they deliver the best results when working with our machines. **Enloq Loaders®** offers different attachments so your machine can be used all year round and a variety of jobs. By choosing the right attachment it is possible to adjust your EL800s to working conditions for agriculture, construction, material handling, private use and many other areas of application. Get every job done with just one machine!



EQH
EURO QUICK HITCH



The Enloq® models are equipped with a hydraulic Euro quick coupler as standard. This makes it possible to change attachments safely and within seconds from within the cab.



**OUR
MARKETS**

ONE MACHINE FOR EVERY JOB
100% ELECTRIC + 100% WORK



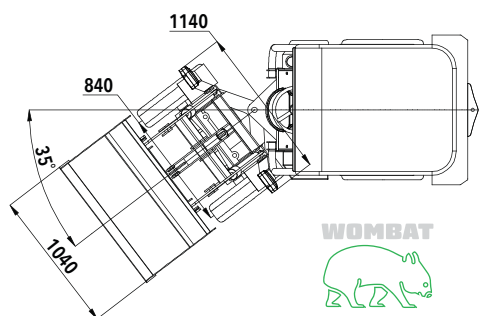
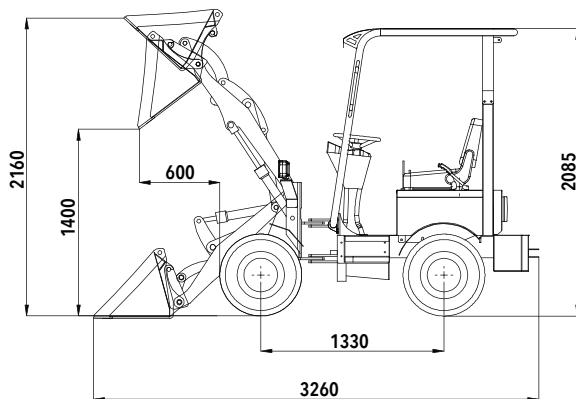
TECHNICAL SPECIFICATIONS

TECHNICAL DATA	EL400S WOMBAT	EL800S EL800T
Rated load (kg)	45 0	860 1050
Overall weight (kg)	1120	2050 2120
Bucket capacity (m³)	0.2	0.25
Max.steering angle	±35°	±45°
Min. steering radius (mm)	2520	2050
Rear departure	7°	19°
Total time (s)	7.5	8
Working time (h)	6	6
Working speed (km/h)	low speed 10/high speed 18	low speed 10/high speed 20
Dumping height (mm)	1400	2170
Lifting height (mm)	2160	3330
Overall dimension (mm)	3260x1140x2085	3810x1260x2270
Dumping distance (mm)	600	405
Bucket width (mm)	1040	1130
Wheel base (mm)	1330	1380
Wheel thread (mm)	840	945
Min. ground clearance (mm)	200	200
Battery model	6-EVF-150	3-EVF-200 Lithium
Battery type	AGM Lithium	
Battery quantity	5	12
Battery capacity (KW)	9	14.4 17.2
Rated voltage (V)	60	72
Charging time (h)	8	8 5
Working system voltage (V)	60	72
Working system power (KW)	2.5x2	4x2
Motor quantity	2	2
Tyre model	6.00-12	26×12.00-12
Working brake	Drum oil brake	
Parking brake	Drum handbrake	

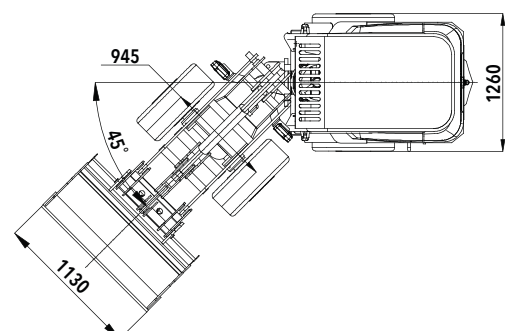
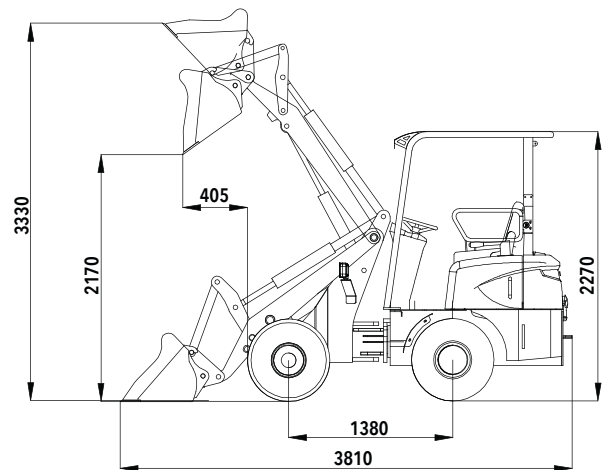


STANDARD MACHINE FEATURES	EL400S WOMBAT	EL800S EL800T
Euro style standard quick-change system (hydraulic lock)	Std	Std
Double acting hydraulic function on lift arm	Std	Std
ROPS/FOPS safety roof incl. safety doors left and right	Std	Std
Hydraulic service brake on 4 wheels	Std	Std
Luxury suspension seat with seat belt, lumbar support and back support	Std	Std
Reversing chime	Std	Std
Towing hook/ball at the back	Std	Std
Working light (LED) front and rear, safety beacon	Std	Std

EL400S



EL800S | EL800T






BYD[®]
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FUEL CONSUMPTION

A comparison of the operating costs of the all-electric EL800s and EL400s Wombat wheel loaders and competing conventional diesel skid steer loaders.

	EL400s EL800s WOMBAT  		Conventional diesel loader 
Consumption	9.0 kW/6H = 1.5kWh	14.4 kW/6H = 2.4kWh	11.0 l/h (3 Gal)
Average cost per unit	0.32c/kwh	0.32c/kwh	\$2.20/l
Energy / fuel cost per 1 hour of operation	\$0.48	\$0.76	\$24.20
Energy / fuel cost per 6 hours of operation	\$2.88	\$4.56	\$145.20
Annual energy/fuel costs at the average of 750 operating hours	\$360	\$570	\$18,150

THE RANGE



The **Enloq Loaders® E.V.** series are high capacity articulated wheel loaders, material dumpers and all-terrain fork lifts in different size configurations that are 100% electric. Our entire range is designed for zero emission, low noise operation without compromising speed, power or operational length.





MAINTENANCE

The EL800s and EL400s models are easy to maintain due to easy-to-access service points. Hydraulic system and battery are freely accessible via the easy-to-open service covers. This ensures that daily checks and maintenance can be carried out quickly and safely.



GENUINE ENLOQ PARTS

The usage of genuine Enloq parts ensures reliable, efficient and safe operation of your machine. We only use the best quality components and test them through our stringent R&D process well before we introduce into a new model. All these parts are vital for the best possible performance and minimizing downtime. Keeping your **Enloq Loader®** 100% original saves money for the owner because of reduced maintenance costs and results in a higher resale value.



SERVICE & SUPPORT

At **Enloq Loaders®** we offer support, service and high quality parts to protect the investment that you have made in Enloq machinery. Together with our service partners we are available to make sure that your machine performs in the best possible way. This increases your productivity and will result in an even better return on your investment.



TRAINING

At **Enloq Loaders®** we know all about our machines. That is why we offer an extensive training program to our customers. Not only on the newest features or attachments, but also on how to service a machine to the highest standards. We install all machines and train you in its operation as part of your investment. We also create Youtube® content to assist.



THE COMPANY



100% ELECTRIC + 100% WORK

THE FUTURE IS ELECTRIC

The demand for compact electric EV equipment is an unstoppable trend. With **Enloq Loaders®**, our goal to be a global, reliable partner with expertise in the design and development of electric equipment. We are aimed at developing an electric version in different sizes for each category of wheel loaders, all terrain forklifts and material dumpers.

DIRECT SUPPORT

At **Enloq Loaders®** we like to be close to our customers and provide the machines, service and parts that you demand. All supported by a team of experts from the head office of **Enloq loaders®** in West Gosford, NSW, Australia.





Enloq Loaders® was founded by a group of highly experienced engineering industry veterans with over 25 years of machine manufacturing, engineering and an intimate knowledge of mechanical and electric engineering processes. A collaboration between Enloq Loaders® Australia and a team of assembly centres in China and Malaysia.

Enloq Loaders® focuses on the development and implementation of electric equipment for industrial applications in support of a greener efficient work practices.

"Our goal is to design and produce specialty industrial EV equipment, with a focus on safety, design, and reliability of the highest quality using the most advanced battery technology while always maintaining an unparalleled value proposition."

- Jerry Erich, CEO

With many years of experience in the fields of engineering, electronics and heavy equipment design, we strive to provide all our customers with cost-effective, high-performance equipment suitable for their production needs.

With International patents spanning multiple countries. The **Enloq Loaders®** EV range is unique in its design and the only 100% electric complete range of equipment available today.

Take a closer look at **Enloq Loaders®** to see how technology can drive profits by eliminating emissions, lower maintenance cost and reduce hourly running expenses. It's a greener process requiring minimal energy and delivers massive carbon offsets.

Contact any of our friendly staff to find out more or schedule a demonstration.





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For more info visit our website at
www.enloqloaders.com

