



Athena 1090 BL Bi-Energy

The **Athena 1090 Bi-Energy** scissor lift features a best in class working height of 10 metres. Similar to the 1090 EVO model, the Athena 1090 Bi-Energy includes a larger platform deck with a 300kg lift capacity and an extendable platform for extra reach and access. Proactive and dynamic levelling enables the operator to easily and safely work on slopes thanks to the instinctively automatic levelling.

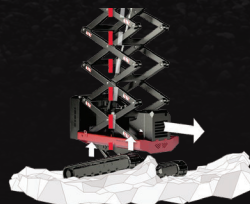
The Athena 1090 Bi-Energy is powered by a 100Ah-48V Lithium-Ion power pack and a Hatz Diesel Engine. This gives the scissor lift extra versatility for both indoor and outdoor applications. The Athena 1090 Bi-Energy bi-levelling scissor lift is ideal for many high access applications including construction, signage, electrical, painting, facility maintenance and much more.

Takes on challenging terrain like no other scissor lift on the market



DUAL POWER SOURCE

Use power tools freely with a 220V electric pump or an optional power generator when power is unavailable. Also available in a lithium ion variation.



PROACTIVE AND DYNAMIC LEVELLING

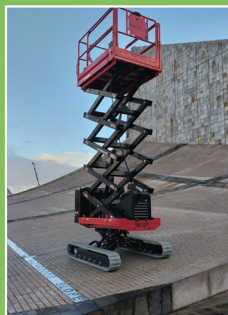
The first scissor lift of its kind to feature proactive and dynamic levelling. This means that the ATHENA now has the ability to instinctively and automatically level in either the stowed or raised position during transitioning.



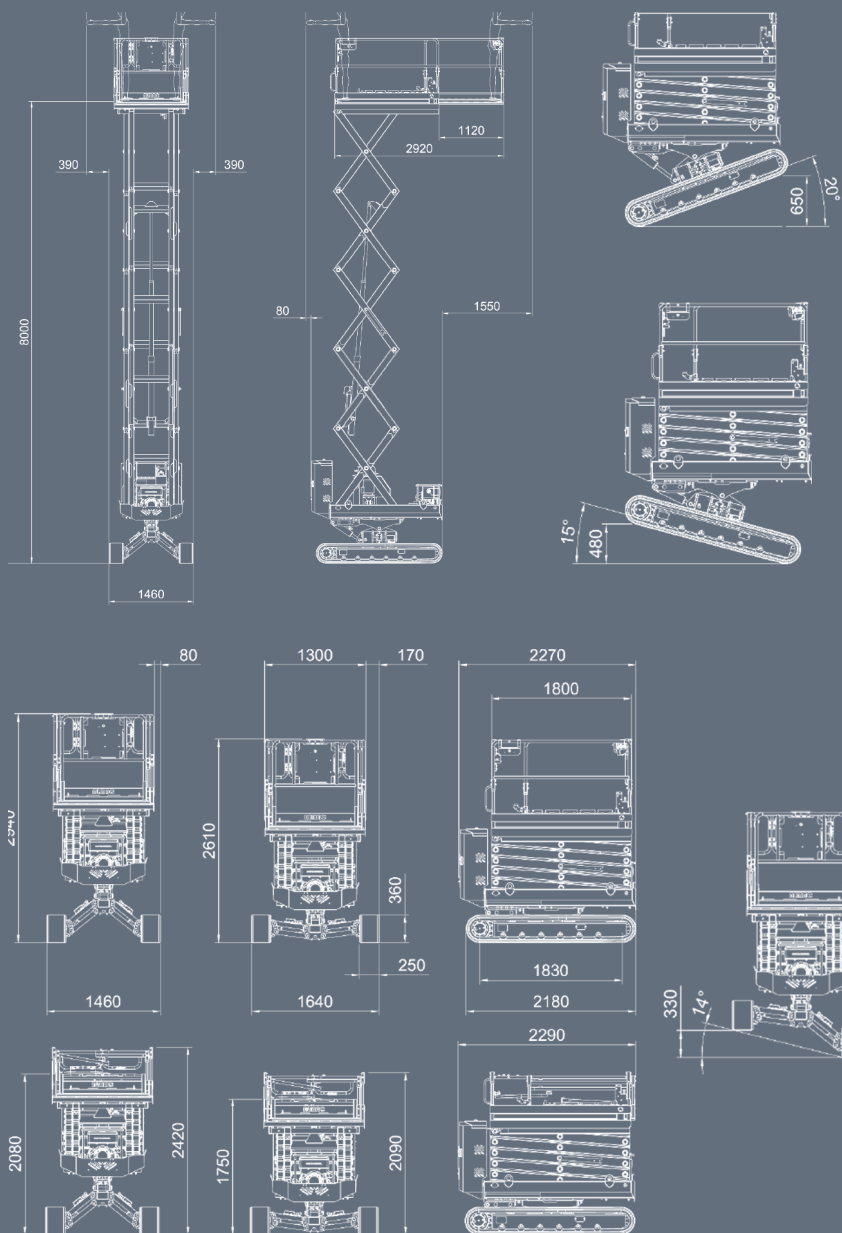
EXTENDABLE & COLLAPSIBLE BASKET

The extendable platform provides more space for two people to work comfortably, while the collapsible basket is quick and easy to adjust for extreme situations.





1090 BL Bi-Energy



Features

- Self-levels on up to 20 degree inclines
- Double door access
- Independently levelling tracks
- Light enough to tow by most work vehicles
- Increases safety on slopes and inclines
- Ground emergency
- Extendable and collapsible basket
- 10 metre working height

Technical Data

Basket capacity	300 kg (2 op)
Max working height	10.0 m
Max height basket floor	8.0 m
Moving height	7.0 m
Lateral levelling for moving at heights	+ / - 4°
Powered Standard	Diesel Hatz 1B40
Powered Bi energy	Lithium Power Pack 100Ah-48V
Powered (option)	Petrol Honda iGX390
Accelerator	Automatic
Undercarriage	Bi-Levelling
Basket levelling	Automatic
Longitudinal levelling front	+/- 15°
Longitudinal levelling rear	+/- 20°
Lateral levelling	+/- 14°
Power generator (option)	220V-1kW
Electric motor (option)	220V-2kW
Hydraulic commands	Proportional
Direction-control system	Yes
Easy-drive system	Yes
Dynamic Levelling System	Yes
Proactive Levelling System	Yes
Kit for high speed	Max 2.40 km/h
Ground emergency	Yes
Control of inclination	Automatic
Gradeability	25°
Side slope	21°
Length	2.27 m
Width	1.46 ÷ 1.64 m
Minimum machine height with folded railings	2.09 m
Total weight	2900 kg
Compliance	EN 280, ANSI, CSA, ASNZS1418