

# UNITED

Forklift and  
Access Solutions



## ATHENA

# 1090

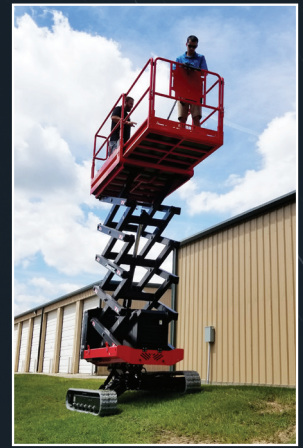
EVO, ELC, BI-ENERGY



**TAKES ON CHALLENGING TERRAIN  
LIKE NO OTHER SCISSOR LIFT  
ON THE MARKET**



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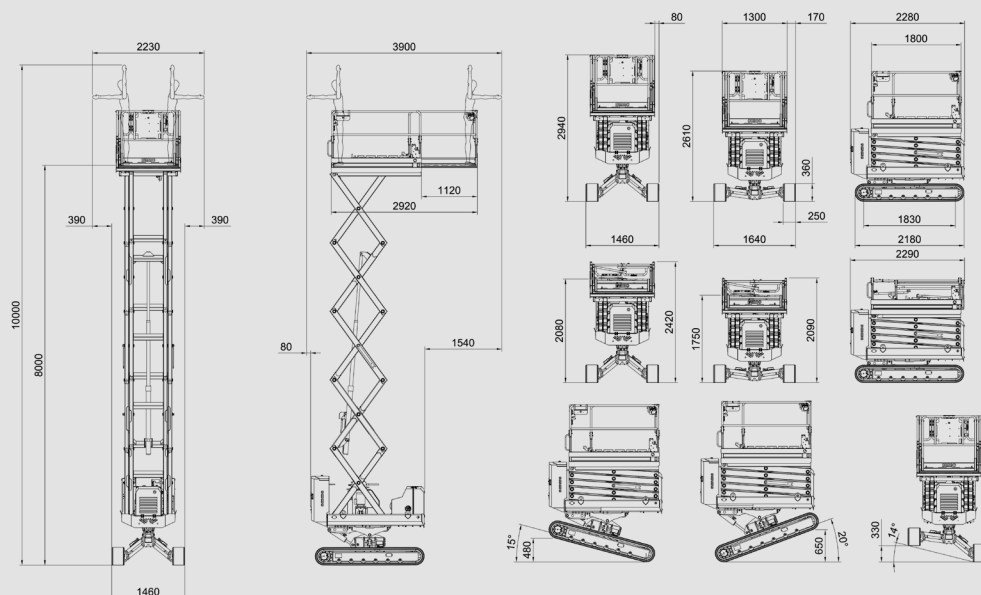


|                                             | Athena 1090 EVO              | Athena 1090 ELC                           | Athena 1090 Bi-Energy                     |
|---------------------------------------------|------------------------------|-------------------------------------------|-------------------------------------------|
| Basket capacity                             | 300 kg (2 op.)               | 300 kg (2 op.)                            | 300 kg (2 op.)                            |
| Max working height                          | 10.0 m                       | 10.0 m                                    | 10.0 m                                    |
| Max height basket floor                     | 8.0 m                        | 8.0 m                                     | 8.0 m                                     |
| Moving height                               | 6.5 m                        | 6.5 m                                     | 6.5 m                                     |
| Powered Standard                            | Kubota Z602 (12.5kW)         | Lead Crystal battery power pack 180Ah-48V | Lithium-Ion Power Pack / Diesel Hatz 1B40 |
| Autonomy                                    | -                            | 9 hours                                   | -                                         |
| Recharging time                             | -                            | 5h (40 Ah) – 10h                          | 3h (40Ah) – 6h                            |
| Accelerator                                 | Automatic                    | -                                         | Automatic                                 |
| Undercarriage                               | Bi-levelling                 | Bi-levelling                              | Bi-levelling                              |
| Basket levelling                            | Automatic                    | Automatic                                 | Automatic                                 |
| Longitudinal levelling front                | +/- 15 °                     | + / - 15 °                                | +/- 15°                                   |
| Longitudinal levelling rear                 | +/- 20 °                     | +/- 20 °                                  | +/- 20°                                   |
| Lateral levelling                           | +/- 14 °                     | +/- 14 °                                  | +/- 14°                                   |
| Power generator (option)                    | 220 V - 1 kW                 | -                                         | 220 V - 1 kW                              |
| Hydraulic commands                          | Proportionals                | Proportionals                             | Proportionals                             |
| Direction-control system                    | Yes                          | Yes                                       | Yes                                       |
| Easy-drive system                           | Yes                          | Yes                                       | Yes                                       |
| Dynamic Levelling System                    | Yes                          | Yes                                       | Yes                                       |
| Pro-Active Levelling System                 | Yes                          | Yes                                       | Yes                                       |
| Kit for high speed                          | Max 2.70 km/h                | Max 2.20 km/h                             | Max 2.40 km/h                             |
| Ground emergency                            | Yes                          | Yes                                       | Yes                                       |
| Control of inclination                      | Automatic                    | Automatic                                 | Automatic                                 |
| Gradeability                                | 25°                          | 25 °                                      | 25°                                       |
| Side slope                                  | 21°                          | 21 °                                      | 21°                                       |
| Length                                      | 2.26 m                       | 2.27 m                                    | 2.27 m                                    |
| Width                                       | 1.46 ÷ 1.64 m                | 1.46 ÷ 1.64 m                             | 1.46 ÷ 1.64 m                             |
| Minimum machine height with folded railings | 2.05 (1.89) m                | 2.42 (2.08) m                             | 2.05 m                                    |
| Total weight                                | 2830 kg                      | 3060 kg                                   | 2900 kg                                   |
| Compliance                                  | EN 280, ANSI, CSA, ASNZS1418 | EN 280, ANSI, CSA, ASNZS1418              | EN 280, ANSI, CSA, ASNZS1418              |

# ATHENA 1090 EVO

## DIMENSIONS

## FEATURES



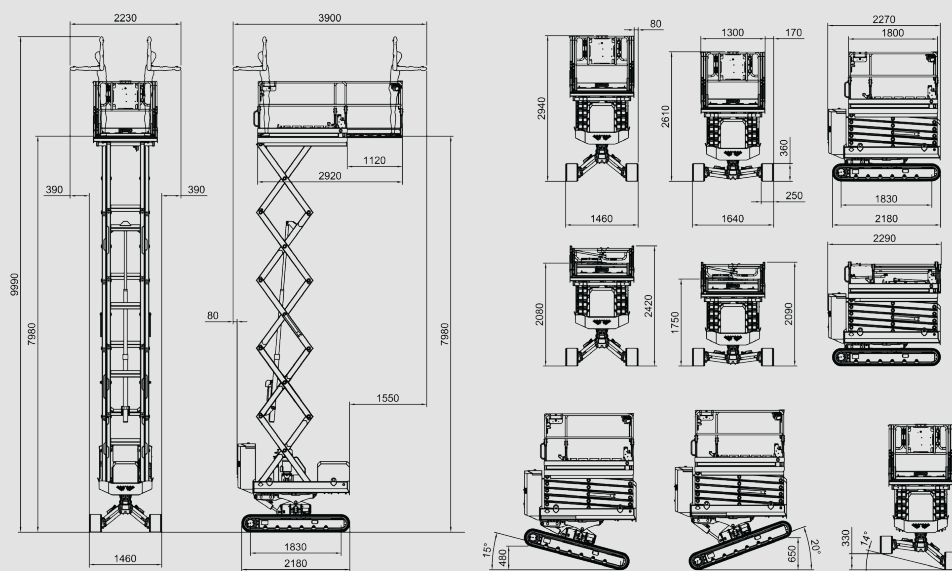
## Bi-Levelling Technology



### Automatic Levelling\*

## ATHENA 1090 ELC

## DIMENSIONS



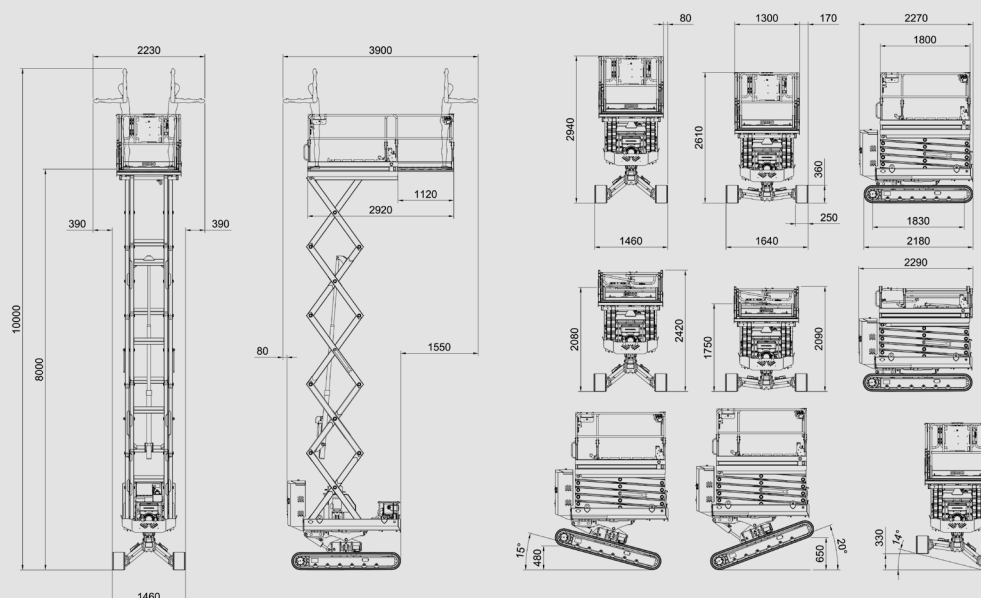
## Compact and Versatile



## High Powered Diesel Engines

## ATHENA 1090 BI-ENERGY

## DIMENSIONS



## Intuitive Controls



## Extendable Platform

\*Automatic levelling only available in the EVO model.

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