

The All New **BoSS X3X-SP**

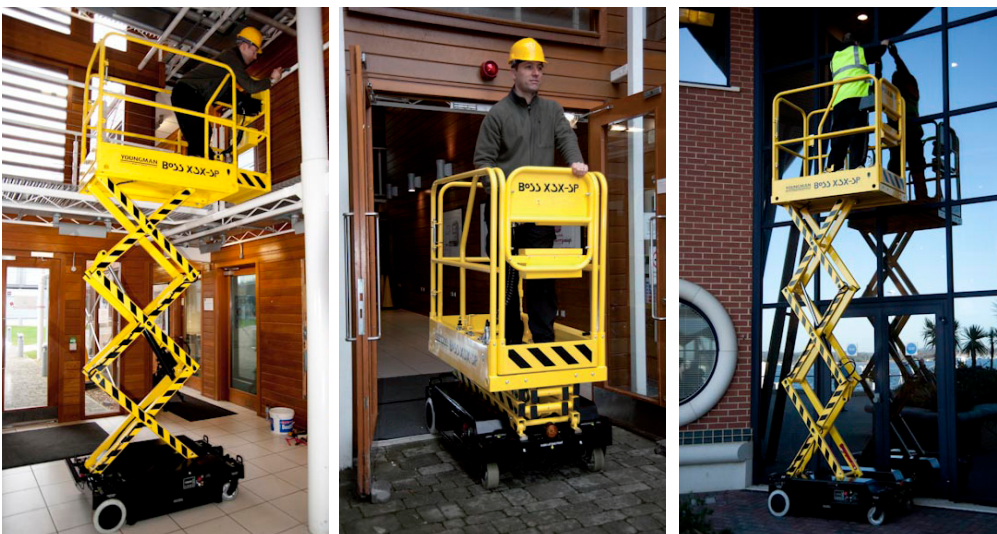
The ultimate self propelled micro scissor lift

BoSS X-Series goes self propelled...

The BoSS X3X-SP is the new tough, professional, self propelled micro scissor lift from the Youngman Group, one of the world leading suppliers of innovative work at height solutions. Designed to be the tallest, slimmest and lightest self propelled micro scissor lift of its kind, the BoSS X3X-SP offers unrivalled benefits and a host of class leading features which include:

- Safe working height of 5.14m – (Platform height – 3.14m)
- Only 760mm wide – fits through personnel doorways and into passenger lifts
- For indoor and outdoor use – wind rating with non extended platform
- Highly manoeuvrable – turns within its own footprint of only 1.27m
- Driveable at full height (13.5m/min)
- 350 lifts and descents, 16.1km of driving or mix of two on a single charge
- 1.65m platform length (including 0.4m extension)
- Weight of 495kg facilitating lifting on a standard tail lift
- Straight line driving with swivel castor lock feature
- Raised platform driving speed selection (when lowered)
- Pothole protection activation on platform ascent
- Emergency platform lowering (both using backup power & manual)
- Ramp loading – up to 35% (19.2°)
- Longitudinal forklifting points for vehicle loading
- Low battery protection system
- Electromagnetic brakes on drive motors
- Tilt sensor and overload protection as standard
- Base unit draws for easy maintenance access

Call now on 01621 745900 to find out more and be one of the first to see probably the best self propelled micro scissor lift in the world



CE EN 280 IP54



Each machine is tested and certified to comply with the requirements of EN 280 and the European Machinery, Low Voltage and Electromagnetic Compatibility Directives.

youngmangroup.com

Edition 1: 2011

YOUNGMAN
INNOVATIVE WORK AT HEIGHT SOLUTIONS

BoSS X3X-SP

Full specification & performance

Rated load, manual forces & weight:

| | |
|---|--|
| Safe Working Load (including on platform extension) | 150kg (1 person (80kg) + 70kg tools & materials) |
| Maximum allowable manual force | 200N |
| Maximum allowable chassis inclination | 1.5° |
| Maximum allowable wind speed | 12.5m/s (with platform closed) |
| Maximum load per wheel | 420kg (based on drive wheels - swivel castor rating 500kg) |
| Machine weight | 495kg |
| Maximum point loading | 14.83kg/cm ² |

Dimensions:

| | |
|------------------------------------|--|
| Maximum platform height | 3.14m |
| Minimum platform height | 0.63m |
| Maximum safe working height | 5.14m |
| Platform delay on descent | 1.86m |
| Platform width | 0.7m |
| Platform length | 1.25m - 1.65m |
| Platform guardrail height | 1.1m |
| Toeboard height | 0.15m |
| Overall width | 0.76m |
| Stowed height | 1.74m (0.89m with guardrails removed) |
| Stowed length (with step deployed) | 1.39m |
| Ground clearance | Platform lowered 0.055 - 0.09m - Platform raised 0.01m |

Electrical:

| | |
|-----------------------------------|---------------------------------------|
| Voltage | 24V DC |
| Power pack motor | 1.2kW DC |
| Drive wheel motors | 24V/2800rpm/0.5kW |
| Batteries (deep cycle/sealed gel) | 2 x 12V/100Ah |
| Battery charger | 100-120V/200-240V automatic switching |

Hydraulics:

| | |
|----------------------------|----------|
| Maximum hydraulic pressure | 250 bar |
| Working pressure | 120 bar |
| Hydraulic fluid reservoir | 2 litres |

Performance:

| | |
|---|---------------------|
| Maximum number of lifts/descents on full charge | >350 (150kg) |
| Ascent time | 19 seconds (150kg) |
| Descent time | 21 seconds (150kg)* |
| Maximum driving speed - platform lowered | 65m/minute |
| Maximum driving speed - platform raised | 13.5m/minute |

**Including 3 seconds for the intermediate stop on descent*

Each machine is supplied with 6 months LOLER certification (UK only), 12 months parts warranty, instruction manual, maintenance manual & EC Declaration of Conformity

Accessories:

Confined Space Guardrail for access through suspended ceilings and a Heavy Duty All Weather Protective Cover are available

Product training in the safe use of the BoSS X3X-SP is also available. Please call +44 (0) 1621 745900