

BOSS X-Series

The ultimate range of push around
micro powered access platforms



Edition 1:2010



EN 280

IP24



ISO9001:2008
FM51692

BoSS X-Series

The BoSS X-Series is the new tough, professional, manually propelled range of micro powered access platforms from the Youngman Group, one of the world leading suppliers of innovative work at height solutions. Designed for a multitude of tasks including general maintenance, cleaning, painting, and fit and strip out work they can be used on construction projects, in factories, transport environments, shopping centres, retail outlets and in offices and offer numerous features and benefits:

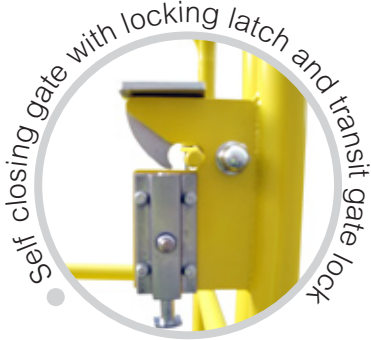
- Tilt sensor; no stabilisers required
- Platform overload and pressure loss valves
- Safety cut out on descent
- Audible alarm on descent
- Secondary emergency stop button mounted on base
- Emergency platform lowering mechanism
- Gate incorporates toeboard removing trip hazard
- Heavy duty powerpack, battery charger and battery
- Pull out storage drawer for cables and guardrail tools
- Wide forklift entry, hoisting and transit strap points
- Smooth roll castors with non marking tyres



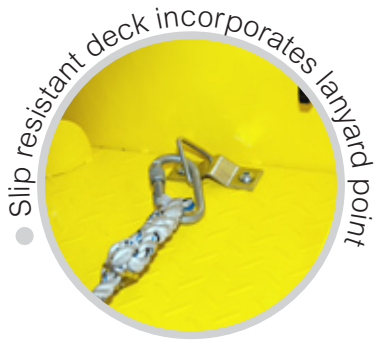
● Auto braking on fixed castors



● Fits through standard doorways and into passenger lifts



● Self closing gate with locking latch and transit gate lock



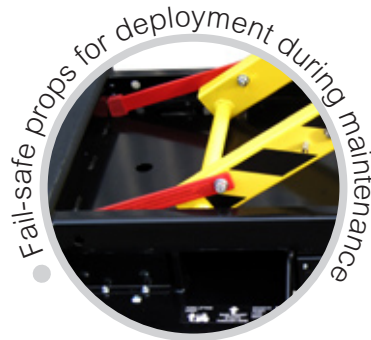
● Slip resistant deck incorporates lanyard point



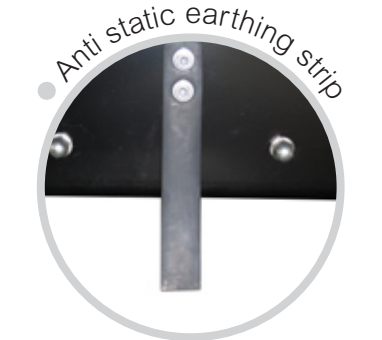
● Safety and usage instructions mounted on guardrail



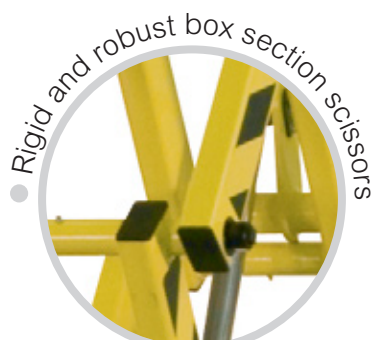
● Platform mounted handset control with emergency stop



● Fail-safe props for deployment during maintenance



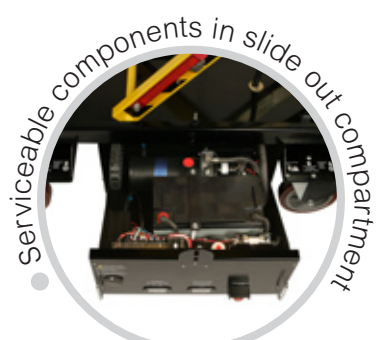
● Anti static earthing strip



● Rigid and robust box section scissors



● Winching eye



● Serviceable components in slide out compartment

BoSS X-Series

Specifications and performance

All machines are tested to and comply with the requirements of EN 280, and the European Machinery, Low Voltage and Electromagnetic Compatibility Directives.

	BoSS X3X	BoSS X3	BoSS X2
Rated load, manual forces and weight:			
Safe working load	240kg		
<i>equivalent to</i>	1 person, tools & materials		
Maximum allowable manual force	200N (interior use only)		
Maximum allowable chassis inclination	1.25°	1.5°	1.5°
Maximum allowable wind speed	0m/s		
Maximum load per wheel	450kg		
Machine weight	390kg	349kg	313kg

Dimensions:			
Maximum platform height	3.2m	2.55m	2.01m
Minimum platform height	0.695m	0.695m	0.6m
Maximum safe working height	5.2m	4.55m	4.01m
Platform delay on descent height	1.87m	1.85m	1.4m
Platform width	0.57m		
Platform length	1.25m	1.05m	1.05m
Platform guardrail height	1.1m		
Toeboard height	0.15m		
Overall width	0.76m	0.7m	0.7m
Stowed height	1.8m	1.8m	1.7m
Stowed length	1.41m	1.21m	1.21m
Ground clearance	0.05m		

Electrical:			
Voltage	12V DC		
Motor	1.2kW	1.2kW	0.8kW
Battery (deep cycle/sealed gel)	12V/100Ah	12V/100Ah	12V/80Ah
Battery charger	Automatic multi voltage 110 and 240v		

Hydraulics:			
Maximum hydraulic pressure	250 bar		
Hydraulic fluid reservoir	2 litres		

Performance:			
Maximum number of lifts and descents on one charge:			
with 80kg platform load	>325	>430	>565
with 240kg platform load	>215	>225	>250
Ascent times:			
with 80kg platform load	15 seconds	12 seconds	10 seconds
with 240kg platform load	18 seconds	15 seconds	12 seconds
Descent times*:			
with 80kg platform load	21 seconds	17 seconds	15 seconds
with 240kg platform load	21 seconds	18 seconds	15 seconds

* Descent times include 3 seconds for the intermediate stop on descent

BoSS X-Series

Each machine is supplied with:

- Instructions for Use
- Maintenance Manual
- EC Declaration of Conformity
- 6 months LOLER certification (UK only)
- 12 months parts warranty

Product training and service, parts and warranty management are also provided.
Please call +44 (0) 1621 745900 for further information.

BoSS X Series Accessories

The following accessories are available for use with the BoSS X Series:

Confined Space Guardrail



The BoSS X-Series Confined Space Guardrail has been developed to easily fit to the existing platform guardrail retainer points to allow access to restricted spaces such as the void above suspended ceilings.

Bumpers



The BoSS X Series Bumpers have been specially designed to fit easily into the machines fork lifting points and to reduce impact and scuffing damage to finished surfaces. They have the added advantage that they can be removed from the forklift points and clipped on to the guardrails for storage.

Heavy Duty All Weather Cover



Ideal for protecting the machine when transporting or in storage.

Your BoSS X-Series distributor is:

YOUNGMAN

INNOVATIVE WORK AT HEIGHT SOLUTIONS

Youngman Group Limited, The Causeway,
Maldon, Essex,
CM9 4LJ, United Kingdom

t +44 (0) 1621 745900
f +44 (0) 1621 859845
e sales@youngmangroup.com

youngmangroup.com