



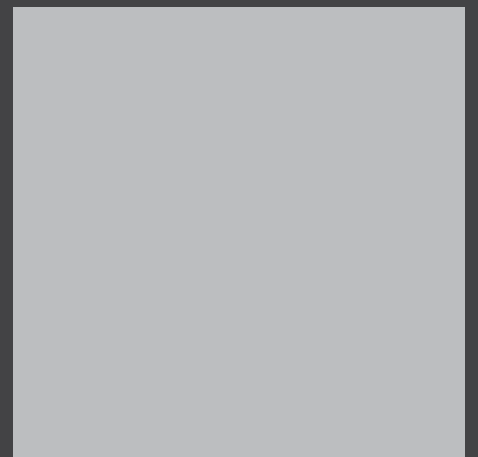
mainline
PLANT • ACCESS • TRAINING • POWER

YOUNGMAN
INNOVATIVE WORK AT HEIGHT SOLUTIONS



BOSS X-Series

The ultimate range of
micro powered
access platforms



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-SP		BoSS X3X		BoSS X3	
Measurements:	Metric	Imperial	Metric	Imperial	Metric	Imperial
Rated load, manual forces & weight:						
Safe working load	150kg (inc on platform extension)	331lbs (inc on platform extension)	240kg	529lbs	240kg	529lbs
equivalent to:	(1 person (80kg) plus 70kg tools & materials)	(1 person (176lbs) plus 154lbs tools & materials)	1 person (80kg) plus 160kg tools & materials	1 person (176lbs) plus 353lbs tool & materials	1 person (80kg) plus 160kg tools & materials	1 person (176lbs) plus 353lbs tool & materials
Maximum allowable manual force	200N		200N (interior use only)			
Maximum allowable chassis inclination	1.5°		1.25°		1.5°	
Maximum allowable wind speed	12.5m/s (with platform closed)	28mph (with platform closed)	0m/s	0 mph	0m/s	0 mph
Maximum load per wheel	420kg (based on drive wheels – swivel castor rating is 500kg)	926lbs (based on drive wheels – swivel castor rating is 1102lbs)	450kg	992lbs	450kg	992lbs
Machine weight	495kg	1091lbs	370kg	816lbs	349kg	769lbs
Maximum point loading	14.83kg/cm ²	211psi	17.43kg/cm ²	248psi	16.83kg/cm ²	239psi
Dimensions:						
Maximum platform height	3.14m	10'4"	3.2m	10'6"	2.55m	8'4"
Minimum platform height	0.63m	2'1"	0.695m	2'3"	0.695m	2'3"
Maximum safe working height	5.14m	16'10"	5.2m	17'1"	4.55m	14'11"
Platform delay on descent height	1.86m	4'7"	1.87m	6'2"	1.85m	6'1"
Platform width	0.7m	2'4"	0.57m	1'10"	0.57m	1'10"
Platform length	1.25m-1.65m	4'1"-5'5"	1.25m	4'1"	1.05m	3'5"
Platform guardrail height	1.1m	3'7"	1.1m	3'7"	1.1m	3'7"
Toeboard height	0.15m	6"	0.15m	6"	0.15m	6"
Overall width	0.76m	2'6"	0.76m	2'6"	0.7m	2'4"
Stowed height	1.74m (0.89m with guardrails removed)	5'9" (2'11" with guardrails removed)	1.8m	5'11"	1.8m	5'11"
Stowed length	1.39m	4'7"	1.41m	4'8"	1.21m	4'
Ground clearance	Platform lowered 0.045-0.09m Platform raised 0.01m	Platform lowered 2"- 4" Platform raised 0.4"	0.05m	2"	0.05m	2"
Electrical:						
Voltage	24V DC		12V DC			
Power pack motor	1.2kW DC		1.2kW DC	1.2kW DC		
Drive wheel motors	24V/2800rpm/0.5kW		N/A	N/A		
Batteries (deep cycle/sealed gel)	2 x 12V/100Ah		12V/100Ah	12V/100Ah		
Battery charger	100-120V/200-240V (automatic switching)		Automatic multi voltage 110 and 240V			
Hydraulics:						
Maximum hydraulic pressure			225 bar			
Working pressure			150 bar			
Hydraulic fluid reservoir	1.5 litres	0.33 gallons	2 litres	0.4 gallons	2 litres	0.4 gallons
Performance:						
Maximum number of lifts & descents on one charge:	>350(150kg)		>215(240kg)		>225(240kg)	
Ascent times:	19 secs (150kg load)		18 secs (240kg)		15 secs (240kg)	
Descent times*:	21 secs (150kg load)		21 secs (240kg)		18 secs (240kg)	
Maximum driving speed (platform lowered)	65m/minute	2.42mph	N/A		N/A	
Maximum driving speed (platform raised)	13.5m/minute	0.5mph	N/A		N/A	

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

Each machine is supplied with: Maintenance Manual, EC Declaration of Conformity, 6 months LOHER certification (UK only), 12 months parts warranty

BoSS X Series Accessories

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



Confined Space Guardrail



Bumpers



Heavy Duty All Weather Cover



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

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

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